DAIKIN

oceanair
THE SPECIALIST DISTRIBUTOR

Daikin UK
Distributor Price Book

Including our extensive range of air-to-air and
air-to-water heat pumps and R-32 VRV5 line up

October 2026



Decarbonising Every Environment. For Every Building. For Every Project.

Oceanair UK Ltd

Oceanair is an award-winning distributor of air conditioning and heating products.
Our team is dedicated to supplying cost-effective, energy-efficient solutions that are carefully designed to suit your requirements.

We can support you with everything from design, estimation and controls strategy to commissioning equipment onsite.

For everything in between, our branches have national coverage with large stock capacities to efficiently dispatch orders. Our operations & logistics team are there to ensure delivery is on time every time, to give you peace of mind.

We know it doesn't end there. Our technical support engineers are some of the best in the industry and are available by phone or onsite to find a solution. If the problem requires a spare part, our friendly spares team can help.

Whatever you need we are here to support you throughout the entire process, ensuring a seamless experience with exceptional results.

Technical Submissions

To save our customers valuable time & energy, every quote we send out contains hyperlinks to download the technical submission for each piece of equipment listed. Simply click on the model number to open a folder containing the following:

- CAD Files
- Images
- Install Manual
- Operations Manual
- Sales Brochure
- Service Manual
- Spare Parts List
- Specification





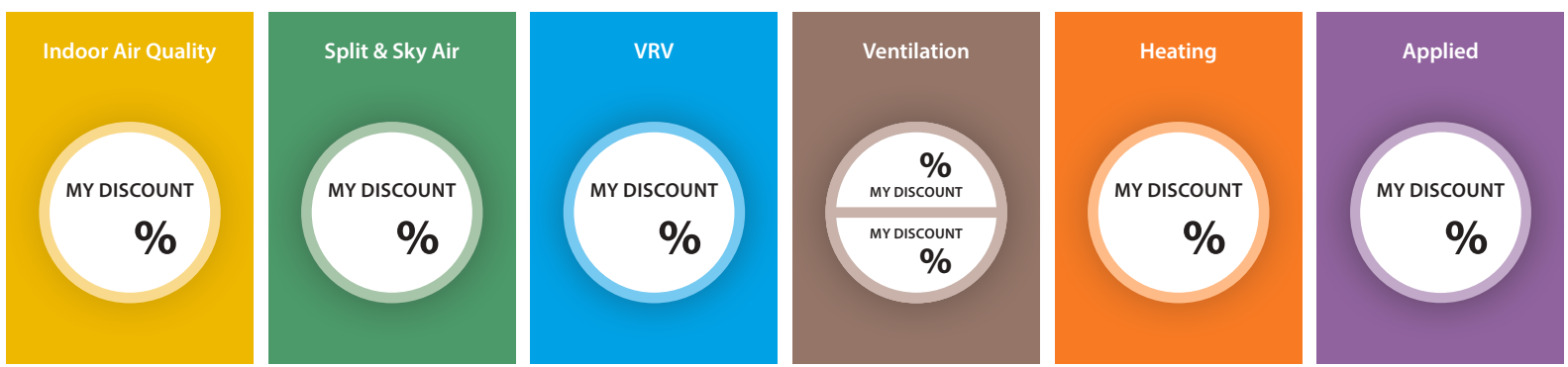


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Discount Rating

Please insert your discounts here and then refer to the colour tabs on the edge of each page for reference.



The Certified Installer programme

Certified Installer

The Daikin Certified Installer programme is designed to promote and maintain the highest standards of practice and performance, helping you to grow your business through the extra credibility that comes from working with a market leader.



Becoming a Certified Installer is simple:

› Achieve £20,000 sales in last 12 months with one single distributor

› Compete one Daikin training course

› Obtain F-Gas Certification for your business

Exclusive benefits for Certified Installers:

By joining the Daikin Certified Installer programme, you gain access to invaluable business-building advantages, including:

› **Professional recognition:** receive a certificate to showcase your expertise and certified status

› **Ongoing training:** enjoy unlimited free training at **daikintraining.co.uk**

› **Extended 2 Year Warranty:** Simply register the unit on the partner portal and enjoy the extended no-fuss warranty

› **Enhanced credibility:** strengthen customer trust with Daikin brand association

› **Dedicated online portal:** manage your certification and access resources at **partner.daikin.co.uk**

› **Marketing support:** access co-branded marketing materials via the Partner Portal

› **Efficiency tools:** use easy templates for commissioning, maintenance, and inspection forms

› **NEW! Welcome Gift:** Sign up and receive a welcome gift from Daikin worth over £200 as well as your certificate.

Get started today

Take your business to the next level by becoming a Daikin Certified Installer.

Register via your wholesaler and recieve a gift on sign up and a certificate.

DAIKIN

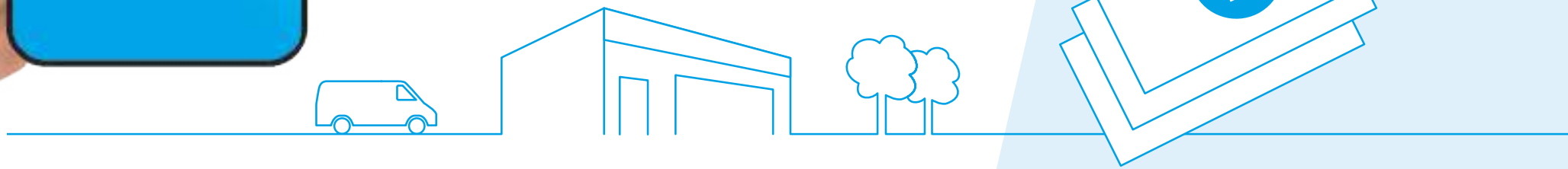
NEW



Cashiku.

Cash to you.

Get more from your store with the new Daikin cashback app. Download today and see what Cashiku can do for you!



1 **Download** the Cashiku app

2 **Buy Daikin** at your preferred distributor

3 **Get cashback.** That's it!

Product Highlights

D-carbonise with Daikin

VRV 5

R-32 BLUEVOLUTION

Decarbonisation of buildings made easy:

Benefit from leading VRV 5 technology!







VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

DAIKIN VRV 5

Tried. Tested. **Trusted.**

- Shîrudo Technology removes the need for extra EN 378 toxicity leak detection
- Efficiencies in Eurovent for 5+ years
- Sound Data in Eurovent for 5+ years
- Third party verified R-32 safety
- EPD & TM65 for Carbon Assessments
- BES6001
- Up to 3 Pol01 BREEAM credits



Simple to design

VRV Xpress
Quick accurate system selections

Built in tech
Discreet security: alarm, invisible leak detection, shut-off valves – EN 378 compliant

Indoor units
Widest range of dedicated indoor units

Easy to install

Pipework
Compact copper pipework, easy to route

Refrigerant
Refrigerant pass-through option for BSSV boxes

Cost effective

Comfort
Built in superior comfort thanks to VRT

Connectivity
Cloud connectivity

Results that reward

Reclaim with Confidence
Daikin partners with A-Gas

0.01% Failure Rate
A reliability rate you can count on

Support you can rely on

Training
Free, nationwide technical training

Spare parts
Spare parts stocked locally in the UK

Delivery
Next day delivery for parts

- **1982** — **The first VRV system** invented by Daikin
- **2012** — **The first R-32 split** system is launched
- **2020** — **The first VRV5 Mini** is designed and built in Europe
- **2021** — **Patents for R-32 VRF** 299 patents released since 2011
- **2022** — **The first full DX R-32** VRV Heat Recovery is built in Europe
- **Today** — 32000 **installed across Europe** and counting

Ready for your next project? Get in touch!

R-32

Complete your R-32 solution with the NEW Daikin ERA, the DX condenser for AHU Connection

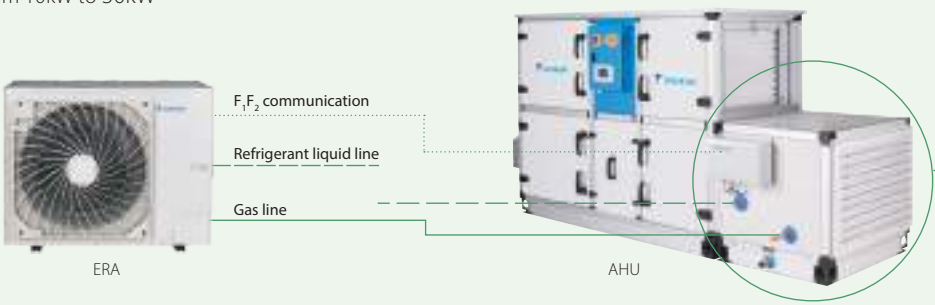
- Featuring inverter technology with lower GWP R-32 refrigerant
- Connectable to Direct expansion (DX) Air Handling Units & Biddle Curtain
- Combined with newly designed range of control boxes
- Better management of cooling/heating demand thanks to VRV technologies
- Most unique in market
- A wide capacity ranging from 10kW to 30kW

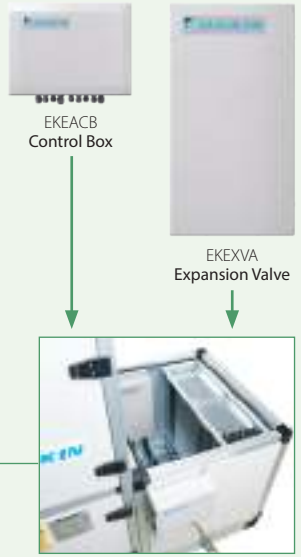


ERA 200-300

ERA 100-140

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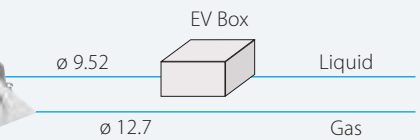
NEW RXYN-B



CO_2 Ducted
FXSN-B



CO_2 Cassette FXFN-B



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CO_2 VRV

The low GWP solution

- Using the natural refrigerant CO_2 (R-744)
- With a low GWP of 1, CO_2 is one of the most sustainable refrigerants
- Non-flammable (A1) refrigerant, simplifying system design

Benefits of CO_2 VRV

- Enabling you to tackle projects requesting natural refrigerants
- Maximise your BREEAM / LEED refrigerant score, thanks to the low GWP of 1
- Incorporates all typical VRV benefits:
  - Quick and easy to design and install
  - Precise zone control with quick response to changing load
  - Connectable to Daikin's latest controllers such as Daikin Cloud Plus

CO_2 VRV R-744



NEW Multi+

PROUD WINNER DAIKIN

PROUD WINNER

One solution for heating, cooling, and hot water

Page 33



5MWXM-A9

Innovative fan design
Specially shaped fan blades significantly reduce sound emissions and lower the power consumption. The fan is concealed behind an unobtrusive and elegant front grille.

Superior engineering
Benefit from reliable in-house engineering by Daikin. The powerful, high-efficiency swing compressor continuously adjusts its cooling and heating output to suit the room's temperature.

Extend the system according to your needs

Choose from a market-leading variety of indoor units. You can connect up to four different indoor units to cool or heat your rooms. Further rooms are possible if ducted units are installed combined with Easyzone.





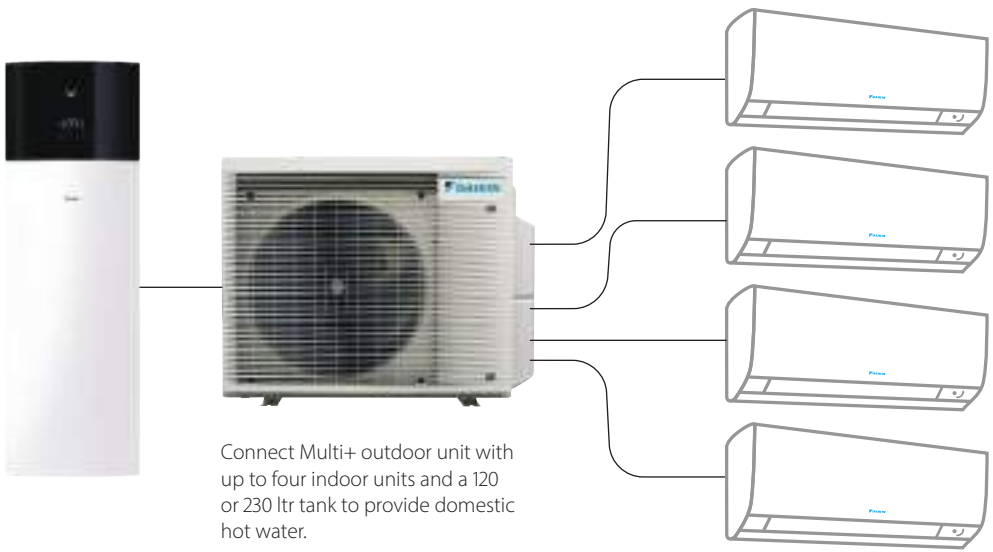
CKHWSU230BV3

Connections for installation
Safe and inconspicuous: Power and refrigerant connections are located on the top of the domestic hot water tank.

Domestic hot water tank
The 230 litre tank is recommended for maximum convenience or when several people are using hot water. An anti-corrosion treatment guarantees maximum durability of this main component.

Control interface
All settings for configuration and daily use can be made with the user-friendly interface. A full text display and simplified pre-set modes make adjustments easy.

Water inlet and hot water outlet
For the 230 litre tank, all connections are accessible from the top of the unit. Perfect for a simple and fast installation or maintenance.



Connect Multi+ outdoor unit with up to four indoor units and a 120 or 230 ltr tank to provide domestic hot water.

Perfera – Designed for Comfort All Year Round

perfera

Whatever the weather, the new Perfera provides optimum comfort and indoor air quality.

The new designed louvres help increase efficiencies and air distribution whilst the new static air filter takes care of impurities. With more functionality now available on the ONEcta App and the split system being ready for DCS Residential, the new Perfera is set to impress.

- Comfort+: perfect comfort with even temperature and air distribution
- Seasonal efficiency up to A+++ in cooling and heating for pair and multi split applications
- Heat boost quickly heats up your home when starting up your air conditioner
- Remote diagnostics, and field settings modification are possible
- Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc.
- Using the Flash Streamer, Silver Allergen and Titanium Apatite filter to arrest impurities and tackle bothersome odours
- Quiet operation: down to 19dBA sound pressure level



FTXM20-50A



onecta

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Daikin Altherma Domestic Hot Water Heat Pump

Daikin Altherma Domestic Hot Water Heat Pump is an air-to-water heat pump for the production of domestic hot water. The enamelled steel tank and the condenser are thermally insulated to guarantee safety and hygiene.

The Domestic Hot Water Heat Pump is ideal for houses up to 4-5 bedrooms depending on occupancy.

- Integrated solar thermal control (EKHHEU-PCV37)
- Available in 200ltr and 260ltr tank versions.
- Remarkably quiet: 51dB(A) indoor, and 44dB(A) outdoor



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Daikin Air Purifiers – Compact, powerful air purification and humidification

According to Allergy UK, people today spend on average 90% of their time indoors. So good indoor air quality is crucial for our health

The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

Daikin's Air Purifiers deal with harmful particles, as well as dust, odours, bacteria, pet hairs, moulds, pollen and mites and other allergens, leaving the indoor air clean and healthy.

According to tests performed in the laboratories of the Institut Pasteur de Lille, Daikin's air purifiers eliminate more than 99.98% of the human coronavirus HCoV-229E in 2.5 minutes. This virus is of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic.

To complete the range, Daikin is now introducing the high end air purifiers with app connectivty highlighting indoor and outdoor quality.

MC80ZB – Designer Air Purifier with Streamer Technology

A powerful air purifier that takes in air from the front and side of the unit. The ambient air is then cleaned inside the air purifier (Flash Streamer Technology, HEPA and de-odorising filter) and discharged at the top.

- Clean Air Delivery Rate (CADR) 480m³/hr
- Applicable room area up to 124m² (NRCC-54013)
- Catch and Clean
- HEPA
- Deodorising Filter
- Whisper-quiet operation
- Streamer Technology
- Connects to ONECTA App and shows outdoor air quality data via Google Maps Platform



Google Maps Platform

onecta

MCK70ZBFW / MCK70ZBFH – Designer Air Purifier with Streamer Technology and Humidification

Maintaining adequate relative humidity helps avoid dryness and protects against the growth of viruses and bacteria. With the MCK70ZBFW/FH, Daikin is offering a powerful air purifier with humidification for larger areas like offices, hotels, restaurants, coffee shops and banks.

- Clean Air Delivery Rate (CADR) 420m³/hr
- Applicable room area up to 96m² (NRCC-54013)
- Catch and Clean
- HEPA filter
- Deodorising Filter
- Whisper-quiet operation
- Streamer Technology
- Connects to ONECTA App and shows outdoor air quality data via Google Maps Platform



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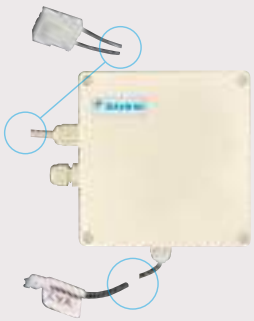
Daikin Altherma R-32 Monobloc Wiring Centre

The wiring centre provides a central connection location to all devices within the property, reducing the number of wiring cables between internal components and the monobloc. It also removes the need to wire a separate booster heater power supply to the outdoor unit.

Advantages and benefits:

- Local wiring connection to all components
- Reduces wiring limitation between monobloc and DHW tank
- Provides local power supply to the DHW tank booster heater
- Reduces number of wiring connections
- Reduces time and overall project cost







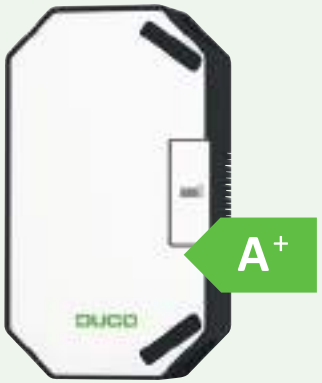
Low capacity



High capacity

Page 226 - 229

NEW



DucoBox Energy Sky D275

DUCO Sky D275 – Flexible, compact and smart ventilation

The Sky really has no limit with this compact ventilation box and its various mounting options. You save more than 50% on calibration time due to automatic calibration, copy function and 100% interchangeability. Smart demand control ensures the unit is energy-efficiently. The device is extremely light (19 kg), making it easy to install. With a maximum emission from casing of 54dB, it is very quiet.

Available in 275m^3/hr, the CHRV system is provided with a complete range of accessories for ducting.

- Left /Right switch due to principle of double-by-pass
- Smart copy function of settings
- Automatic calibration
- 100% Summer By-pass
- Demand controlled due to RH, CO_2 sensors
- Optional 2 zone control
- BMS connectivity

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Daikin Onecta App

The Daikin residential controller app can control and monitor the status of your air conditioning and heating system.

- Control from anywhere as the App is always connected to the cloud
- Support for multiple units and sites
- Simplified Cloud API to support 3rd parties
- Control of AC units using 2nd, 3rd and 4th Gen. WLAN technology
- Single Sign On feature equals one account and password for all Daikin applications including SBM
- Voice control through Amazon Alexa and Google Assistant

onecta

New Antifreeze Valve Kit

The new Antifreeze Valve Kit comes with a pair of antifreeze valves with compression fittings on both ends as well as insulation jacket, reducing the installation time and time spent on site.

These antifreeze valves are designed to discharge when the system water temperature drops to 3°C, and therefore preventing ice from forming in the heat pump circuit that could cause breakdown or costly damage to the system. These valves are also engineered to avoid negative influences from low ambient temperatures by directly positioning the element in the system water flow, permitting accurate system discharge only when it's truly needed.



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NEW

stylish

The five new front panels, combined with fixed body colours, bring a wide range of interior styles to life.

Together with the existing white, silver and black body colours, Stylish now offers a carefully curated palette of eight design options. From light wood finishes with a natural, tactile feel to bold, eclectic spaces, there's a Stylish look that feels at home in every interior.

The five new front panel styles feature fixed body colours and are not detachable. Finishes are designed to resemble natural textures and are not made from actual wood, leather, or fabric.

Page 23 - 24



White
FTXA-CW



Dark brown leather style with black body
FTXA-DL



Black
FTXA-CB



Light wood style with white body
FTXA-DP



Oak wood style with black body
FTXA-DY



Silver
FTXA-CS



Colourful fabric style with white body
FTXA-DC



Grey fabric style with black body
FTXA-DG

Daikin Altherma 3 WS - Watersource for collective applications

Altherma 3 WS provides an innovative approach to reducing the carbon footprint of apartment buildings. Individual heat pumps deliver economical heating, hot water and optional cooling for each apartment connected via a central low temperature water loop. As a result, use of renewable energy is optimised and heat losses in distribution are minimised, improving the environmental performance of the apartment building.

- Unit pressure rated to 16 bar
- Leaving water temperature up to 60°C
- All-in-one integrated model
- Highly versatile and works with various heat emitters
- Reduction in capital costs
- Delivers low carbon heating and cooling, making both environmental and economic sense



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Daikin Home Controls

Daikin Home Controls enable the room by room control of your Daikin Altherma heating system, they consist of a combination of smart devices such as:

- Digital room thermostats
- Digital TRVs
- Room sensors
- Underfloor heating wiring centre
- Heat Pump Interface kit and Access Point (Hub)



These controls can be controlled, monitored, commissioned and configured via the Onecta App.

onecta

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AVAILABLE NOW

Daikin Cloud Service Residential (DCS)

The DCS is a Daikin Cloud Service that offers remote support through Stand By Me and e-Care app. The service covers 20 settings for Heating and 16 settings for the Residential Air Conditioner.

The DCS allows installers to supervise the installation across multiple parameters remotely such as:

- Automatic error notifications
- Ability to adjust system settings
- Applying emergency settings should the system have a fault



These new features not only save time for the installer, they also ensure the end user receives an improved level of support.

Page 274

NEW R-290

EWA(Y)K-CZ Series

Utilizing R-290 natural refrigerant the EWA(Y)K series offers a premium solution for medium and high temperature heating and domestic hot water applications. The R-290 Small Inverter Chiller and Heat Pump is optimised for both cooling and heating operation, with it's ability to provide hot water up to 75°C this product ideal for Residential and Light commercial applications requiring Comfort Heating and Domestic Hot Water.

- Available in cooling only and heat pump versions
- Daikin inverter scroll compressors with BOOST mode to increase capacity



Daikin Safety Shield - The following features show that our R-290 refrigerant products offer a superior level of safety:

- All safety components with dedicated electrical connection for continuous operation
- Extraction fans located in the compressor box & electrical panel (Providing positive pressure within the electrical cabinet)
- Two separate leak detectors – one in the electrical panel and another in the compressor box
- Unit covers and guards fitted as standard
- The amount of refrigerant per circuit being limited (contained inside dedicated tanks during transportation)
- An alarm for alert in case of refrigerant leakage

Daikin **Safety** Shield

OPERATING RANGE

	Min	Max
Heating water	20°C	75°C
Ambient temperature OAT	-20°C	45°C

Page 302 - 303

Compact L Decentralised AHU

False ceiling heat recovery unit

- Six Predefined sizes - 0.08 to 0.75m³/s
- F7 filtration as standard
- IE4 premium efficiency fan motors
- High efficiency aluminium plate heat exchanger (heat recovery)
- Advanced control option on Pro version utilising Siemens' MicroTech control platform
- Simplified control option on Smart version utilising P1/P2 platform
- Very low height
- Sliding rail access door option available



Pages 212 & 310

Compact T Decentralised AHU

Top connected heat recovery unit

- Five predefined sizes
- Plug & Play control solution
- Compact unit from 550 mm width (for unit up to 1100 m³/h)
- Wide air flow coverage from 200 to 4200 m³/h
- Excellent indoor air quality (IAQ). Up to three filtration stages - more than 90% PM1 in outdoor air are removed achieving the best IAQ
- Low noise emission thanks to superior panel construction (50mm, mineral wool)
- Recirculation mixing damper (option)



Pages 213 & 311

Compact R Decentralised AHU

Top connected heat recovery unit

- Seven predefined sizes
- Plug & Play control solution
- Compact unit from 650 mm width (for unit up to 850 m³/h)
- Wide air flow coverage from 200 to 6,000 m³/h
- Right and left configuration
- Open protocol control platform (Siemens)
- Excellent indoor air quality (IAQ), up to ePM1 80% (F9)
- DX and water coil available as option
- Roof kit for external installation
- Simple, quick installation



Pages 214 & 312

Split Range for 2026

Daikin is proud to offer the most complete line-up of R-32 split systems. With this rich portfolio, no matter the application, we will have a model to suit your needs.

Segment	Model			Online Controller	Energy Label	Page
Technology	Ururu Sarara	 FTXZ-N	Complete climate control with (de)humidification, air purification and ventilation with top efficiencies in heating and cooling	Optional	A+++	**Page 20**
Design	Emura	 FTXJ-AW/B/S	Design at its best, delivering superior efficiency and comfort with market leading technology	Standard	A+++	**Page 22**

Segment	Model			Online Controller	Energy Label	Page
Design	Stylish	 FTXA-C(W/B/S)	The most compact and efficient wall-mounted unit on the market, coupled with a modern and striking design	Standard	A+++	**Page 23**
Design	Stylish	 FTXA-D(G/C/P/Y/L)	The most compact and efficient wall-mounted unit on the market, now comes in premium textured finishes	Standard	A+++	**Page 24**
Standard	Perfera	 FTXM-A	Attractive, wall-mounted design with perfect indoor air quality	Standard	A+++	**Page 25 - 26**
Low inverter	Comfora	 FTXP-N(9)	Compact, matt white wall-mounted design with intuitive comfort features and high efficiency	Standard	A++	**Page 27**
Low inverter	Sensira	 FTXF20-50F	Discreet, wall-mounted unit providing high efficiency and comfort	Standard	A++	**Page 28**

Indoor Air Quality

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Delivering good indoor air quality through whole building climate control

The importance of good indoor air quality

According to the World Health Organisation (WHO): "Air pollution from both outdoor and indoor sources represents the single largest environmental risk to health globally". It also causes seven million deaths a year worldwide.

For building owners, poor indoor air quality can hit the bottom line; demands from leaseholders and tenants can result in having to carry out costly remedial works to both the building fabric and M&E systems (from lighting to climate control). This can lead to higher running costs and potentially affect market and rental values.

In the UK, air pollution is responsible for **28,000 – 36,000** deaths per year

costing the healthcare sector **£20 billion**



The causes of poor indoor air quality

Indoor air quality is defined as the quality of the air in and around a building, particularly in relation to the health and comfort of occupants. It is affected by complex and interlinked factors, due to both outside and inside air pollution.

There are several pollution sources inside a building. These include Volatile Organic Compounds (VOCs) given off by wall and floor coverings; furniture and appliances as they age and degrade; dust, damp and mould; emissions from office equipment and industrial machinery and, of course, the occupants themselves, who breathe out CO_2 and can spread colds and viruses.

Sources of indoor pollution

From outdoor environment

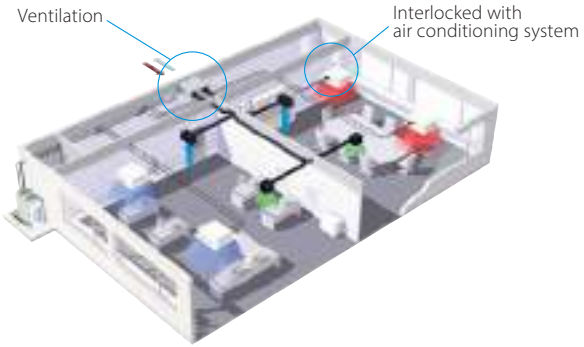
- Traffic
- Industrial process
- Construction and demolition etc.

From indoor environment

- VOCs
- Dust, damp, mould
- Emissions
- Colds, viruses, CO_2

The importance of good ventilation

Ventilation aims to remove stale indoor air and replace it with 'fresh' outdoor air. HVAC systems are designed to extract water vapour, airborne pollutants and odours, controlling humidity and maintaining good indoor air quality.



Designing ventilation as part of whole building climate control



As with any element of HVAC, the design of ventilation, whether as a standalone system or as part of a whole building solution, must meet the requirements of the building's occupants.

Ventilation design is controlled by the Building Regulations Approved Document Part F, which sets out criteria for both homes and 'non-domestic' (primarily offices). This is supported by design guides such as REVHA (the Federation of European Heating, Ventilation and Air Conditioning Associations) and CIBSE Document B (Section 2.3).

Offices

The total air supply and extraction rates for office ventilation is 10 l/s/person, based on the assumption that the building has an air permeability of $3m^3/h$. This is within the range achieved by most modern, well-designed buildings and is negligible infiltration.

Intermittent extract ventilation is required for specific areas, including WCs and urinals, printing / photocopying rooms, showers and food and beverage preparation areas.



Associated products for indoor air quality

Indoor air quality can be managed and controlled in many different ways through the selection of appropriate equipment. Depending on the application and the customers' preferences, a range of other products and filters can be used, which are highlighted in this section.
More details can be found throughout the price guide.

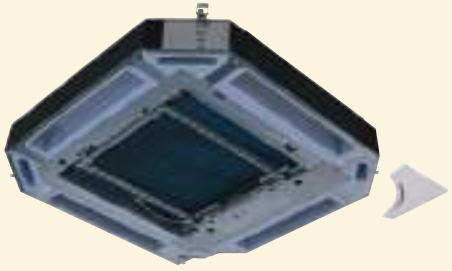
Air handling units



From medium-sized heat recovery ventilation to large-scale air handling units, we ensure optimal climate conditions by providing a fresh, healthy, and comfortable environment for buildings of all sizes and different applications.

UV Streamer for Roundflow Cassette

Purifies the air of pollutants, ensuring a healthy and hygienic indoor environment.



- Unique Catch & Clean approach with ePM1 60% filter, UV-C light and Streamer technology
- Can be retrofitted in existing Roundflow cassette units

Auto-cleaning cassette



The cassette automatically cleans itself. The simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.

Modular L (Smart)

Premium efficiency heat recovery unit Modular L (Smart) (ALB-(RBS/LBS)).

- Heat recovery unit
- Counter flow plate heat exchanger
- ESP up to 600 Pa
- Operates as stand-alone or combined with Sky Air or VRV systems



VAM

Energy recovery ventilation (VAM-FC9/J).

- Heat and moisture recovery
- Achieve free cooling with fresh outdoor air
- Operates as stand-alone or combined with Sky Air or VRV systems



Optional filters



A range of VAM filter options is available to suit different outdoor air quality levels and indoor air quality requirements.
The VAM-J8 range comes with a standard G3 filter. However, this can be upgraded to suit your particular situation and application.

Optional filters up to ePM1 70% (F8) for VAM and ePM1 80% (F9) for Modular L (Smart) are available to meet your customer requests or the local legislation.

EKVDX-A

DX module for our range of VAM, an ideal solution for fresh air pre-treatment in your decentralised ventilation projects.

- Compatible with R-410a & R-32 systems
- Plug&Play piping and wiring connection
- Built in duct reducers



Flash streamer technology included

Using electrons to trigger chemical reactions with airborne particles, the flash streamer breaks down allergens such as pollen and fungal allergens and removes odours providing better, cleaner air. Available in the following units:

STREAMER

Ururu Sarara FTXZ-N



Stylish FTXA-C



Emura FTXJ-A



Perfera Floor FVXM-B



Perfera Wall FTXM-A



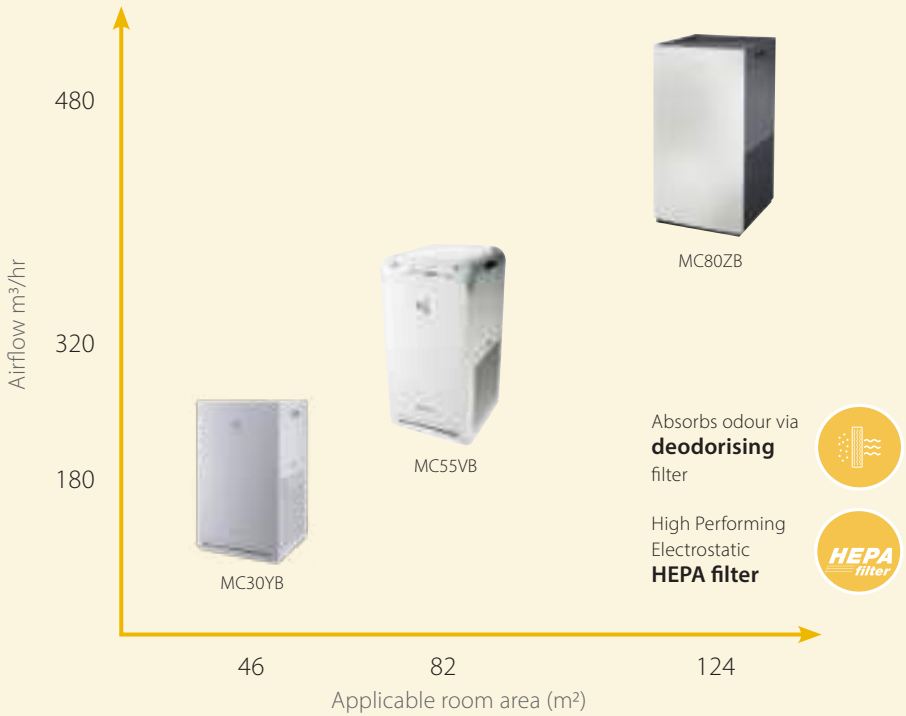
Daikin Air Purifier range



MC30YB MC55VB MC80ZB MCK55W MCK70ZBFW MCK70ZBFH

Daikin Air Purifiers – Pure air because we care

Air Purifier with Streamer Technology



Air Purifier with Streamer Technology + Humidification



What makes

Daikin Air Purifiers unique?

One of the
most silent
air purifier range on the European market

Our air purifiers are whisper quiet during **quiet operation** (sound pressure level: 19 dBA), providing you pure air without noticing.

No hassle with periodic filter replacements

Daikin's guaranteed full cleaning capacity reduces the risk that the air purifier is not working due to a polluted HEPA filter.

No maintenance costs for at least **10 years**

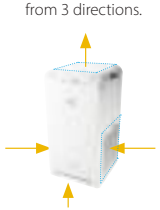
No need to change the filters in the first 10 years after unit purchase, avoiding additional costs for regular filter changes.

Daikin's unique

Catch, Cycle, Clean approach

3 steps to decompose harmful substances

1 **Powerful suction**
Takes in air over a wide area from 3 directions.



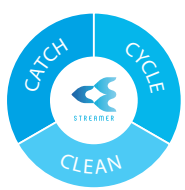
2 **Effective capturing of pollutants**
Efficiently catches dust and pollutants with an electrostatic HEPA filter.



3 **Decomposition**
Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.

STREAMER

The Streamer Symbol consists of three C's



CATCH
The dust collection filter catches the floating substances with the attached harmful gases and Streamer decomposes the gases by oxidation.

CYCLE
The deodorising filter absorbs and decomposes odour. Thanks to the regeneration of the adsorbing capacity, the deodorising capacity is maintained.
No need to change the deodorising filter.

CLEAN
Removes bacteria from dust collection filter, humidifying filter and humidifying water tray.

MC55VB / MC30YB

Air Purifier with Streamer Technology



MC55VB



MC30YB

Three steps to decompose harmful substances

1 Powerful suction

Takes in air over a wide area from three directions.



2 High energy efficiency

Efficiently catches dust and pollutants with an electrostatic HEPA filter.



3 Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.

STREAMER

Specifications:

Model			MC55VB				MC30YB		
Colour			White				White		
Mode			Air purifying operation				Air purifying operation		
Applicable room area [1]		m^2	82				46		
Clean Air Delivery Rate (CADR)		m^3/hr	320				180		
Power supply			1 Phase, 230V, 50hz				1 Phase, 230V, 50hz		
Fan	Type		Multi Blade Fan (Sirocco fan with shroud assembly)				AC Fan		
Mode			Quiet	Low	Standard	Turbo	Low	Standard	Turbo
Airflow rate		m^3/hr	66	120	192	330	60	120	180
Power consumption		kW	0.008	0.010	0.015	0.037	0.008	0.015	0.025
Sound pressure level		dBA	19	29	39	53	19	27	37
Dimensions	H x W x D	mm	500 x 270 x 270				450 x 270 x 270		
Weight		kg	6.8				5.8		
Deodorising method			Flash streamer + Deodorising catalyst				Flash streamer + Deodorising catalyst		
Dust collection filter			Electrostatic HEPA Filter				Electrostatic HEPA Filter		
Air filter	Type		PET net				PET net		
Trade price			**£281.00**				**£189.00**		

[1] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Accessory	Description	Price	MC55VB	MC30YB
KAFP080B4	Dust collection Filter (1 sheet), needed after about 10 years	**£144.00**	✓	
BAFP500A	Dust collection Filter (1 sheet), needed after about 10 years	**£88.00**		✓

Functions:

	MC55VB	MC30YB
Dust (PM2.5/dust) and odour sensor lamps	✓	
Streamer discharge	✓	✓
Active plasma ion	✓	
Electrostatic HEPA filters	✓	✓
Streamer regenerated deodorizing filter	✓	✓
Econo mode	✓	
Auto fan mode	✓	
Anti-pollen mode	✓	
Turbo mode	✓	✓
Childproof lock	✓	✓
Brightness adjustment	✓	
Auto restart after power failure	✓	✓
Stabilizer free	✓	

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber)

Electrostatic HEPA filter is included in the unit.

Features

- Pure air due to double air purification (Active Plasma Ion unit and Streamer Technology)
- High performance HEPA filter to catch 99.9% of 0.3µm
- Low maintenance
- Powerful air suction
- Stylish new compact design
- Whisper quiet
- Suitable for bedrooms, meeting rooms, offices, nurseries, care homes, etc.

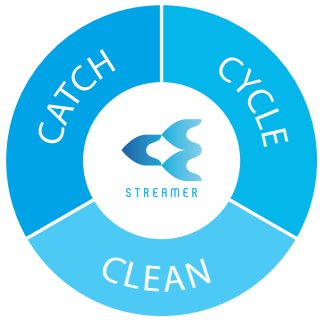
The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

The streamer symbol consists of three Cs

CATCH: The dust collection filter catches the floating substances with the attached harmful gases and Streamer decomposes the gases by oxidation.

CYCLE: The deodorising filter adsorbs and decomposes odour. Thanks to the regeneration of the adsorbing capacity, the deodorising capacity is maintained. There is no need to change the deodorising filter, unlike air purifiers with activated carbon filters.

CLEAN: Removes bacteria from dust collection filter.



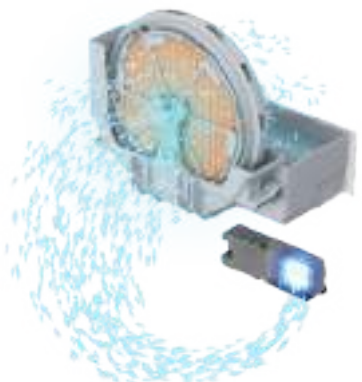
The patented Flash Streamer technology in Daikin Air Purifiers has been proven to inactivate airborne bacteria and viruses – More than 99.9% of respiratory viruses, human Coronavirus and Influenza A virus removed in only 2.5 minutes, as tested by Insitut Pasteur de Lille.*
The Flash Streamer technology is not meant to be used for medical purposes.

* Source: Institut Pasteur de Lille test report 2021. ™ Testing laboratory 'Institut Pasteur de Lille' France, evaluated the effectiveness of Daikin's Air Purifiers against the respiratory viruses: – HCoV-229E (of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic) – Influenza A virus subtype H1N1 (causing seasonal flu).

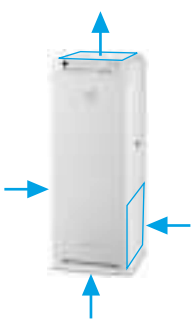
MCK55W

Air Purifier with Streamer Technology and Humidification





Three steps to decompose harmful substances



1 Powerful suction

Takes in air over a wide area from three directions.



2 High energy efficiency

Efficiently catches dust and pollutants with an electrostatic HEPA filter.

3 Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.

STREAMER

Specifications:

Model			MCK55W			
Colour			White			
Mode			Air Purification			
Applicable room area	[1]	m^2	82			
Clean Air Delivery Rate (CADR)		m^3/hr	320			
Power supply			1 Phase, 230V, 50hz			
Fan	Type		Multi Blade Fan (Sirocco fan with shroud assembly)			
Mode			Quiet	Low	Standard	Turbo
Airflow rate	Air purifying operation	m^3/hr	54	120	192	330
	Humidifying operation	m^3/hr	54	120	192	330
Power consumption	Air purifying operation	kW	0.007	0.010	0.017	0.056
	Humidifying operation	kW	0.011	0.014	0.019	0.058
Sound pressure level	Air purifying operation	dBA	19	29	39	53
	Humidifying operation	dBA	25	33	39	53
Humidification		ml/h	200	240	300	500
	Water tank capacity	litre	2.7			
Dimensions	Height x Width x Depth	mm	700 x 270 x 270			
Weight		kg	9.5 (without water)			
Deodorising method			Flash streamer + Deodorising catalyst			
Dust collection filter			Electrostatic HEPA Filter			
Air filter		Type	PET net			
Trade Price			**£456.00**			

[1] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Accessory	Description	Price
KAFP080B4	Dust collection Filter (1 sheet), needed after about 10 years	**£144.00**
KNME080A4	Humidifying Filter (1 sheet), needed after about 10 years	**£81.00**

Functions:

Dust (PM2.5/dust) and odour sensor lamps	✓
Streamer discharge	✓
Active plasma ion	✓
Electrostatic HEPA filters	✓
Streamer regenerated deodorizing filter	✓
Econo mode	✓
Auto fan mode	✓
Anti-pollen mode	✓
Turbo mode	✓
Childproof lock	✓
Brightness adjustment	✓
Auto restart after power failure	✓
Stabilizer free	✓

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity.

Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber)

Electrostatic HEPA filter and humidifying filters are included in the unit.

Features

- Pure air due to double air purification (Active Plasma Ion unit and Streamer Technology)
- Protects the skin and throat from dryness whilst eliminating bacteria
- High performance HEPA filter to catch 99.9% of 0.3µm
- Suitable for bedrooms, meeting rooms, offices, nurseries, care homes, etc.
- Low maintenance
- Stylish new compact design
- Powerful air suction
- Whisper quiet

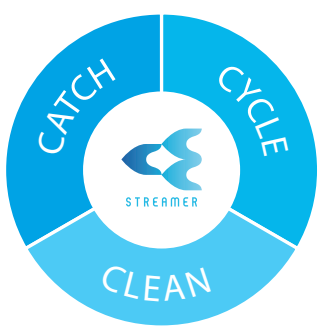
The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

The streamer symbol consists of three Cs

CATCH: The dust collection filter catches the floating substances with the attached harmful gases and Streamer decomposes the gases by oxidation.

CYCLE: The deodorising filter adsorbs and decomposes odour. Thanks to the regeneration of the adsorbing capacity, the deodorising capacity is maintained. There is no need to change the deodorising filter, unlike air purifiers with activated carbon filters.

CLEAN: Removes bacteria from dust collection filter.



The patented Flash Streamer technology in Daikin Air Purifiers has been proven to inactivate airborne bacteria and viruses – More than 99.9% of respiratory viruses, human Coronavirus and Influenza A virus removed in only 2.5 minutes, as tested by Insitut Pasteur de Lille.* The Flash Streamer technology is not meant to be used for medical purposes.

* Source: Institut Pasteur de Lille test report 2021. ™ Testing laboratory 'Institut Pasteur de Lille' France, evaluated the effectiveness of Daikin's Air Purifiers against the respiratory viruses: – HCoV-229E (of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic) – Influenza A virus subtype H1N1 (causing seasonal flu).

MC80ZB, MCK70ZBFW, MCK70ZBFH

Designer Air Purifier with Streamer Technology and Humidification



MC80ZB



MZK70BFW



MZK70BFH

Three steps to decompose harmful substances

1 Powerful suction

Takes in air over a wide area from three directions.



2 High energy efficiency

Efficiently catches dust and pollutants with an electrostatic HEPA filter.



3 Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.

STREAMER

Specifications:

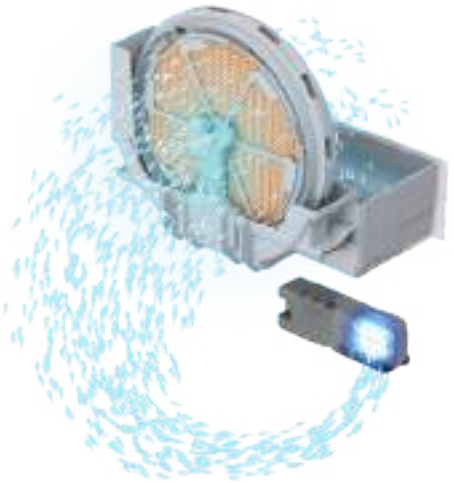
Model			MC80ZB				MCK70ZBFW			MCK70ZBFH
Colour			White Panel, Dark Grey Casing				White			Black
Mode			Air Purification				Air Purification + Humidification			
Applicable room area	[1]	m^2	124				96			
Clean Air Delivery Rate (CADR)		m^3/hr	480				420			
Power supply			1 Phase, 230V, 50hz				1 Phase, 230V, 50hz			
Fan	Type		Multi Blade Fan (Sirocco fan with shroud assembly)				Multi Blade Fan (Sirocco fan with shroud assembly)			
Mode			Quiet	Low	Standard	Turbo	Quiet	Low	Standard	Turbo
Airflow rate	Air purifying operation	m^3/hr	84	132	210	480	84	132	210	420
	Humidifying operation	m^3/hr	N/A				84	132	210	420
Power consumption	Air purifying operation	kW	0.009	0.011	0.016	0.080	0.010	0.011	0.020	0.082
	Humidifying operation	kW	N/A				0.010	0.012	0.023	0.084
Sound pressure level	Air purifying operation	dBA	19	25	34	55	18	27	37	54
	Humidifying operation	dBA	N/A				18	27	37	54
Humidification		ml/h	N/A				700			
	Water tank capacity	litre					3.4			
Dimensions	Height x Width x Depth	mm	630 x 315 x 315				760 x 315 x 315			
Weight		kg	9.8				12.5			
Deodorising method			Twin streamer + Deodorizing catalyst				Twin streamer + Deodorizing catalyst			
Dust collection filter			Electrostatic HEPA Filter				Electrostatic HEPA Filter			
Air filter		Type	PET net				PET net			
Trade Price			**£478.00**				**£577.00**			**£577.00**

[1] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Features

- Pure air due to double air purification (Active Plasma Ion unit and Streamer Technology)
- Protects the skin and throat from dryness whilst eliminating bacteria (MCK70ZBFH only)
- High performance HEPA filter to catch 99.9% of 0.3µm
- Low maintenance
- Powerful air suction
- Stylish and elegant design
- Whisper quiet
- Connects to ONECTA App and shows outdoor air quality data via Google Maps Platform
- Suitable for bedrooms, meeting rooms, offices, nurseries, care homes, etc

Google Maps Platform



Functions:

Dust (PM2.5/dust) and odour sensor lamps	✓
Streamer discharge	✓
Active plasma ion	✓
Electrostatic HEPA filters	✓
Streamer regenerated deodorizing filter	✓
Econo mode	✓
Auto fan mode	✓
Anti-pollen mode	✓
Turbo mode	✓
Childproof lock	✓
Brightness adjustment	✓
Auto restart after power failure	✓
Stabilizer free	✓
Wifi Connectivity	✓

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity.

Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber)

Electrostatic HEPA filter and humidifying filters are included in the unit.

Download on the App Store

GET IT ON Google Play

DAIKIN

onecta



UK Atmotube

Mobile Air Quality Control Monitor



- **GOOD**
- **MODERATE**
- **POLLUTED**
- **VERY POLLUTED**
- **SEVERELY POLLUTED**

UK.ATMOTUBE	
Real-time detection	• PM1/PM2.5/PM10 particles • Volatile Organic Compounds • Atmospheric pressure • Temperature and relative humidity
Rechargeable battery	2000 mAh Li-ion
Wireless connection	Bluetooth 5.0 LE
Charging port	USB Type-C
Dimensions	86 x 50 x 22 mm (3.4 x 2 x 0.9")
Weight	104g
Price	**£355.00**

Features

- LED light colour indicates the current Air Quality Score (AQS)
- Monitors level of pollen, soot, smoke, and mould in the air
- Also measures temperatures and atmospheric pressure
- Easily access all the measured data using the free iOS or Android App
- Features carabiner mount to fit on the move



AstroPure2000

Professional Air Purification



- A Fan / motor unit
- B HEPA filter
- C Prefilter
- D Control panel providing indication for filter change, speed control and on/off switch
- E Air outlet grill

In its standard configuration, AstroPure is delivered with a galvanised steel finish. Optionally the unit is also available with a powder-coated finish (any RAL) for smooth integration into any room environment.

Specifications:

Model			BR00000749	BR00000751
Maximum Air Flow Rate		m^3/h	2000	2000
Variable Speed Control			Yes	Yes
Dimensions	Height x Width x Depth	mm	1630 x 770 x 770	1630 x 770 x 770
Weight		kg	165	165
Electrical Details			1 Phase, 230V, 50hz	
Fan	Type		EC centrifugal fan, backward-curved, single-intake	
Filter	Pre-Filter Standard (Height x Width x Depth)	mm	ISO Coarse 70% (592 x 592 x 45)	ISO Coarse 70% (592 x 592 x 45)
	Pre-Filter Optional		ISO ePM10 70%	ISO ePM10 70%
	Gas Phase Filter Optional		-	ISO Coarse 65%
	Main Filter (Height x Width x Depth)	mm	HEPA H14 (610 x 610 x 292)	HEPA H14 (610 x 610 x 292)
LCD Screen				Yes
Sound Pressure (min/max)		dBA	35-52	35-52
Operating Conditions			0-50°C, H0 dry environment, ambient air ≤ 90%RH	
Trade Price			**£4,012.00**	**£4,911.00**

Features

- Suitable for in-room use or sheltered outdoor installation
- Uses HEPA 14 filters in combination with optional pre and active carbon filters
- Designed with variable speed fan (EC) and filter combinations to meet application requirements
- Insulated double-wall construction provides whisper-quiet operation
- Easy installation, operation, and maintenance in a totally self-contained system
- Sliding tray design provides easy access and servicing of filters
- CE-compliance, VDI6022 guided design
- Suitable for schools, universities, commercial buildings, hospitality, health care, shops, malls



A Fan/motor combination

AstroPure contains a high performance encapsulated, direct driven, backward curved fan/motor combination. Motor options are available to create air flows from 2,000 m^3/hr up to 4,000 m^3/hr. The specialised electronic commutation motor design permits variable speed control via a Potentiometer. The complete section is mounted on a sliding tray providing easy access to service the fan.



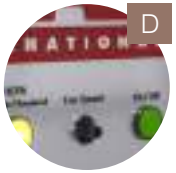
B Easy filter installation and maintenance

The unique design of the clamping system is designed to take various AAF pre and main filters. This ensures easy installations, filter maintenance and disposal when no longer effective. The complete servicing is completed from the rear side.



C Prefilter options

In its standard configuration, AstroPure is equipped with a RedPleat ISO coarse 70% prefilter. As an option, the unit can also be equipped with RedPleat Carb, an ISO coarse 65% prefilter including active carbon media able to additionally control unpleasant odours in the room.



D Unit control options

As standard, AstroPure is equipped with control lights on the front to indicate necessary changes of the pre- or HEPA filter. Integrated knobs switch the unit on and off and control the speed. As an option, AstroPure can be delivered with a fully digital LCD display instead of the indicator lights and control knobs.



E Air supply options

When operated as a Recirculation Unit, AstroPure releases the cleaned air via a perforated outlet grill on the top side of the unit into the room. Optionally, the air outlet can be designed so that the AstroPure unit can be connected to ventilation ducts.

VAM filter options to suit your application

A range of VAM filter options is available to suit different outdoor air quality levels and indoor air quality requirements. The VAM-J range comes with a standard G3 filter. However, this can be upgraded to suit your particular situation and application.

Filter overview

FILTERS	Number of filters	U4 (pre-filter + filter for supply air, pre-filter + filter for exhaust)
	Standard filters	G3
	Optional filters	M6, F7, F8
	Optional pre-filters	G3, M6
	Filter replacement trigger	Fan power based
	Previous EN 13779 compliance	Up to IDA2 / ODA2
	New EN 16798-3:2017 compliance	Up to SUP2 / ODA3





Filter selection and unit set-up

- Choose the required air flow
- Select the filter [see tables *right*]
- Add up the pressure drops of the duct system on-site and the filter pressure drop at the design air flow rate [see data book for filter characteristics]
- Compare with unit performance characteristics to see resulting airflow and ESP

Outdoor Air Environment

Table 1

Outdoor air quality	
ODA 1	Pure air
ODA 2	High concentration of particles in air
ODA 3	High concentration gas pollution and particles
Indoor air quality	
IDA 1	Optimum quality air [required in hospitals, laboratories, nurseries etc]
IDA 2	Good air quality [required in offices, residential environments, museums etc]
IDA 3	Medium air quality [required in commercial buildings, cinemas, theatres, hotels, bars, gyms, computer rooms]

Filter option specifications

All filters are to EN779:2012 standard.

Table 2

Outdoor air quality	Indoor air quality		
	IDA 1	IDA 2	IDA 3
ODA 1	NA	ePM_1 70% (F8)	ePM_1 50% (F7)
ODA 2	NA	ePM_{10} 70% (M6) ePM_1 70% (F8)	ePM_{10} 75% (M5) ePM_1 50% (F7)
ODA 3	NA	NA	ePM_{10} 75% (M5) ePM_1 50% (F7)

Filter pressure drop for selected unit at nominal air flow rate

Table 3

Unit	Airflow [m3/Hr]	ePM10 70% (M6)	ePM1 55% (F7)	ePM1 70% (F8)
VAM350J8	350	39 Pa	52 Pa	88 Pa
VAM500J8	500	65 Pa	87 Pa	148 Pa
VAM650J8	650	61 Pa	83 Pa	140 Pa
VAM800J8	800	89 Pa	121 Pa	206 Pa
VAM1000J8	1000	80 Pa	109 Pa	185 Pa
VAM1500J8	1500	79 Pa	106 Pa	181 Pa
VAM2000J8	2000	80 Pa	109 Pa	185 Pa

See data book for additional information on pressure drop/airflow curves

Use the following material numbers for ordering

Table 4

Filter grade	VAM 350J8	VAM 500J8	VAM 650J8	VAM 800J8	VAM 1000J8	VAM 1500J8	VAM 2000J8
ePM10 70% (M6)	EKAFVJ50F6	EKAFVJ50F6	EKAFVJ65F6	EKAFVJ100F6	EKAFVJ100F6	EKAFVJ100F6 x 2	EKAFVJ100F6 x 2
	£174.00	**£174.00**	**£191.00**	**£233.00**	**£233.00**	**£466.00**	**£466.00**
ePM1 55% (F7)	EKAFVJ50F7	EKAFVJ50F7	EKAFVJ65F7	EKAFVJ100F7	EKAFVJ100F7	EKAFVJ100F7 x 2	EKAFVJ100F7 x 2
	£191.00	**£191.00**	**£212.00**	**£258.00**	**£258.00**	**£516.00**	**£516.00**
ePM1 70% (F8)	EKAFVJ50F8	EKAFVJ50F8	EKAFVJ65F8	EKAFVJ100F8	EKAFVJ100F7	EKAFVJ100F8 x 2	EKAFVJ100F8 x 2
	£212.00	**£212.00**	**£235.00**	**£285.00**	**£258.00**	**£570.00**	**£570.00**

AHU Filter options for your AHU from our partner at AAF



Chevronet

- High dust holding capacity and long service life
- Lightweight and easy to install
- The Chevronet filter is designed as pre-filtration for use in industrial and commercial heating, ventilation and air conditioning systems



VariCel EcoPak

- These filters are used as both prefilters and main filters in industrial and commercial HVAC installations
- The VariCel EcoPak filter can be used in place of panel filters. The upgrade in efficiency results in an improved filtration of fine particles



VariCEL VXL-E

- High dust holding capacity for facilitating a long service life and fewer changeouts
- Final filtration in central air handling systems and industrial installations
- Usage in front of HEPA filter for critical cleanroom processes

Item	Type	AAF Filter Model	Dimensions	Modular AHU Size / No. Of Filters									
				01	02	03	04	05	06	07	08	09	10
Filter	G4 Panel Filter	Chevronet	592 x 490 x 48	1	1	1	2	2	2	3			3
			592 x 287 x 48			1		1	1		3	3	1
			592 x 592 x 48								3	3	3
	M6 Compact Filter	VariCel EcoPak	592 x 287 x 48			1		1	1		3	3	1
			592 x 490 x 48	1	1	1	2	2	2	3			3
			592 x 592 x 48								3	3	3
	F7 Bag Filter	VariCEL VXL-E	590 x 490 x 292	1	1	1	2	2	2	3			3
			592 x 287 x 292			1		1	1		3	3	1
			592 x 592 x 292								3	3	3
	F9 Bag Filter	VariCEL VXL-E	592 x 490 x 292	1	1	1	2	2	2	3			3
			592 x 287 x 292			1		1	1		3	3	1
			592 x 592 x 292								3	3	3

The above table shows the number of filters fitted to each Modular AHU Size 1 to 10. **For example**, if you have a Size 10 unit with G4 Panel filters and F7 Bag Filters it will have:-

3 No. Chevronet 592 x 490 x 48
1 No. Chevronet 592 x 287 x 48
3 No. Chevronet 592 x 592 x 48
3 No. VariCEL VXL-E 592 x 490 x 292
1 No. VariCEL VXL-E 592 x 287 x 292
3 No. VariCEL VXL-E 592 x 592 x 292

The below materials are complete kits to replace or upgrade the filters in the Modular AHU series.

If we take the example on the left as a size 10 Modular AHU, to replace these filters, select SB.ADF10G4 + SB.ADF10F7. You can also select to upgrade the F7 to an F9 by selecting SB.ADF10F9.

Replacement Filter Kits

Material	Description	Trade Price
UK.ADF01G4	G4 Filters Modular ADT AHU Size 01	**£9.00**
UK.ADF01F7	F7 Filters Modular ADT AHU Size 01	**£94.00**
UK.ADF01F9	F9 Filters Modular ADT AHU Size 01	**£100.00**
UK.ADF02G4	G4 Filters Modular ADT AHU Size 02	**£9.00**
UK.ADF02F7	F7 Filters Modular ADT AHU Size 02	**£94.00**
UK.ADF02F9	F9 Filters Modular ADT AHU Size 02	**£100.00**
UK.ADF03G4	G4 Filters Modular ADT AHU Size 03	**£9.00**
UK.ADF03F7	F7 Filters Modular ADT AHU Size 03	**£94.00**
UK.ADF03F9	F9 Filters Modular ADT AHU Size 03	**£100.00**
UK.ADF04G4	G4 Filters Modular ADT AHU Size 04	**£19.00**
UK.ADF04F7	F7 Filters Modular ADT AHU Size 04	**£190.00**
UK.ADF04F9	F9 Filters Modular ADT AHU Size 04	**£201.00**
UK.ADF05G4	G4 Filters Modular ADT AHU Size 05	**£19.00**
UK.ADF05F7	F7 Filters Modular ADT AHU Size 05	**£190.00**
UK.ADF05F9	F9 Filters Modular ADT AHU Size 05	**£201.00**

Material	Description	Trade Price
UK.ADF06G4	G4 Filters Modular ADT AHU Size 06	**£19.00**
UK.ADF06F7	F7 Filters Modular ADT AHU Size 06	**£190.00**
UK.ADF06F9	F9 Filters Modular ADT AHU Size 06	**£201.00**
UK.ADF07G4	G4 Filters Modular ADT AHU Size 07	**£30.00**
UK.ADF07F7	F7 Filters Modular ADT AHU Size 07	**£285.00**
UK.ADF07F9	F9 Filters Modular ADT AHU Size 07	**£301.00**
UK.ADF08G4	G4 Filters Modular ADT AHU Size 08	**£27.00**
UK.ADF08F7	F7 Filters Modular ADT AHU Size 08	**£160.00**
UK.ADF08F9	F9 Filters Modular ADT AHU Size 08	**£181.00**
UK.ADF09G4	G4 Filters Modular ADT AHU Size 09	**£27.00**
UK.ADF09F7	F7 Filters Modular ADT AHU Size 09	**£160.00**
UK.ADF09F9	F9 Filters Modular ADT AHU Size 09	**£181.00**
UK.ADF10G4	G4 Filters Modular ADT AHU Size 10	**£30.00**
UK.ADF10F7	F7 Filters Modular ADT AHU Size 10	**£285.00**
UK.ADF10F9	F9 Filters Modular ADT AHU Size 10	**£301.00**

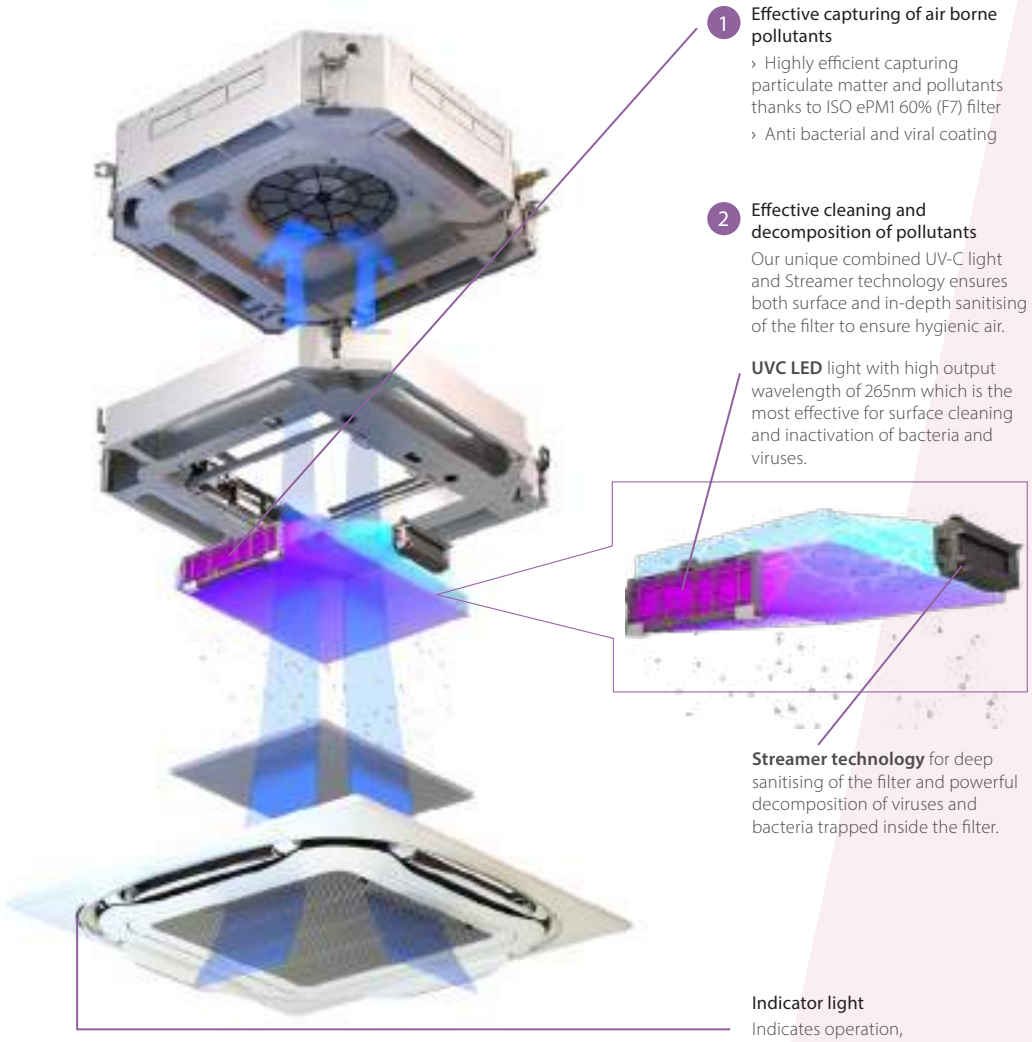
Daikin ProShop for quick and easy Split, Sky Air, VAM and IAQ quotes and orders

The new ProShop platform enables you to generate quotes and place orders for Split, Sky Air, VAM and Air Purifier products online, at any time of day or night – and on any device.

Visit ProShop here:

UV Streamer for Roundflow Cassette

Daikin's unique Catch & Clean approach includes an ISO ePM1 60% filter, UV-C light and Streamer technology



1 **Effective capturing of air borne pollutants**

› Highly efficient capturing particulate matter and pollutants thanks to ISO ePM1 60% (F7) filter

› Anti bacterial and viral coating

2 **Effective cleaning and decomposition of pollutants**

Our unique combined UV-C light and Streamer technology ensures both surface and in-depth sanitising of the filter to ensure hygienic air.

UVC LED light with high output wavelength of 265nm which is the most effective for surface cleaning and inactivation of bacteria and viruses.

Streamer technology for deep sanitising of the filter and powerful decomposition of viruses and bacteria trapped inside the filter.

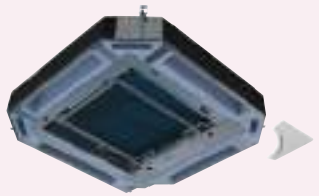
Indicator light

Indicates operation, malfunction or replacement status.

Our UV Streamer Kit offers you the solution:

- Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), odours, allergens, etc. ensuring a healthy and hygienic indoor environment
- Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology
- Thanks to the large air flow rate of the Roundflow cassette, clean air can be quickly delivered to every corner of your space
- Can be **retrofitted** into existing installations
- Can be used with BYCQ140E and BYCQ140EW decoration panels

Model		**BAEF125AWB**
Power Supply		1Ph, 220-240V, 50/60Hz
Dimensions (H x W x D)	mm	100 x 840 x 840
Weight	kg	12
Compatible decoration panels		BYCQ140E/BYCQ140EW * *(UV-streamer kit cannot be used with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit)
Filter Efficiency		ePM1 60% @ISO16890 (F7)
Trade price		**£579.00**



Maintenance Replacements

Description	**Replacement Filter (1 pack): ePM1 60%* / F7**	**UV-C LED Module**	**Flash Streamer Module**
Product Code	BAF55A125	2542301	5016531
Replacement interval	Every Year	Every 7 Years	Every 7 Years
Ordering Route	Accessories	Spare Parts	Spare Parts
Trade price	**£85.00**	**£132.54**	**£33.58**

*As per ISO 16890

99.9%

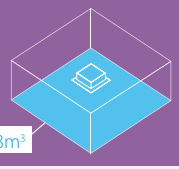
of viruses removed in 30 minutes, thanks to Daikin's unique Catch & Clean approach

Tested at Intertek

Results based on tests performed in the laboratories of Intertek, in a 28m³ room. Daikin's Roundflow cassette (FXFQ125B) removes more than 99.9% of enveloped viruses such as Corona viruses.

* Additional details regarding this function can be found in the unit technical manual.

Tested according to real life sized room





UK.PA604 Plasma Ionisation Accessory



Daikin's plasma ionisation unit provides a continuous stream of ionised particles. Using Plasma Air's Bi-Polar Ionisation system, it neutralises pathogens such as bacteria, viruses, moulds and odours. The unit can be fitted into the return air side of Daikin Ducted Units or to Roundflow Cassettes and Fully Flat Cassettes.

The Plasma Air Bi-Polar Ionisation system

The Plasma Air 600 Series Model 604 is a needlepoint brush-type ioniser. It produces an equal amount of positive and negative ions to neutralise harmful pollutants and odours. Each ionisation unit is capable of ionising a supply airflow of 4000 m^3/hr.

The 600 Series is a versatile choice and can be installed at the fan inlet of an air handling unit, fan coil unit and VRV duct system. The unit is self-contained in a potted ABS box with a moulded flange and mounting holes and is protected with an inline 500mA glass cartridge fuse.

- Silent and invisible
- Independently proven safe and effective for continuous use
- Easy to install in existing or new HVAC systems*
- Requires no replacement parts
- 3-year standard warranty
- Tested and passed UL 867 for ozone and safety

* the UK.PA604 must be installed as defined by Daikin installation instructions.

Lead time: 1 week for the module if self-installed; 2-3 weeks if fitted by Daikin

Daikin does not warranty against the effectiveness of Plasma Air Bi-Polar Ionisation system in reducing pathogens. Daikin Duct will only function with Plasma Air Bi-Polar Ionisation system and Daikin warranty the equipment for a period of 3 years from the date of purchase based on failed or malfunctioning product purchased.



How bipolar ionisation improves indoor air quality

Plasma Air technology produces a natural bio-climate rich in positive and negative oxygen ions. The negative ions contain an extra electron while the positive ions are missing an electron, resulting in an unstable condition. In an effort to restabilise, these bipolar ions seek out atoms and molecules in the air to trade electrons with. This action effectively neutralises particulate matter, bacteria and viruses, odorous gases and aerosols, and VOCs.



Particulate

Airborne particles, such as smoke, dust, pollen and spores are charged by the ions through ionic bonding. These charged particles stick together increasing their size and allowing them to be easily removed by low-grade filters.



Bacteria and viruses

As they divide to reproduce, bacteria and virus cells bond with oxygen ions and are destroyed.



Odorous gases

Odorous gases and aerosols oxidise on contact with oxygen ions and are neutralised.



Volatile organic compounds

Oxygen ions cause a chemical reaction with VOCs breaking down their molecular structure.

Comparison information provided by PlasmaAir*

	Bipolar Ionisation	PCO	Ozone Generators	Traditional Filtration	HEPA/Fine Grain filters	Carbon
Effectiveness	99%	Marginal	99%	Minimal	0-99.7%	Marginal
Particle Size	Small < 2.5µm	Large > 5µm	Small < 2.5µm	Large > 5µm	Small < 0.3µm	N/A
Treats in Room Air	YES	YES	YES	NO	NO	NO
Replacement Parts Needed	NO	YES	YES	YES	YES	YES
Maintenance Required	NO	YES	YES	YES	YES	YES
Produces Harmful Byproduct	NO	YES	YES	NO	NO	NO
Energy Costs	£	££	£	££	£££	£££

Description	Material	Trade Price
Plasma Ionisation Accessory - Standalone	UK.PA604	**£319.00**
Plasma Ionisation Accessory - Installed by Daikin*	UK.(fancoil)/PIA	**£350.00**

*please note: this value is a non-discountable fee to be added on top of the cost of the fan coil. Please contact your local sales office for full details

Type	COMPATIBLE MODELS
Ceiling Suspended	FHA-A(9), FXHA-A & FXHQ-A
Fully Flat Cassette	FFA-A9, FXZA-A & FXZQ-A
Roundflow Cassette	FCAG-B, FCAHG-H, FXFA-A & FXFQ-B
Ducted	FDXM-F9, FBA-A(9), FDA-A, FXSA-A, FXDA-A, FXMA-A, FXSQ-A, FXMQ-P7/MB, FXMQ-A & FXDQ-A3
Floor Standing Duct	FNA-A9, FXNA-A, FXLQ-P & FXNQ-A
2 Way Blow Cassette	FXCQ-A
1 Way Blow Corner Cassette	FXKA-A & FXKQ-A

Split & Sky Air

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Wall Mounted 20
Multi Series Systems 32
Compact Roundflow Cassette 37
Fully Flat Cassette 42
Auto-Cleaning Decoration Panel 45
Designer Decoration Panel 46
UV Streamer for Roundflow Cassette 47
Ducted Units 48
Easyzone 56
Floor Standing Cased 59
Floor Standing 60
Concealed Floor Standing 63
Ceiling Suspended 65
Under Ceiling Cassette 70
Controls & Accessories 72
Twin, Triple, Double Twin Combinations 75
Infrastructure Cooling 82
Duty Rotation 83
Aesthetic Customisation of Units 84

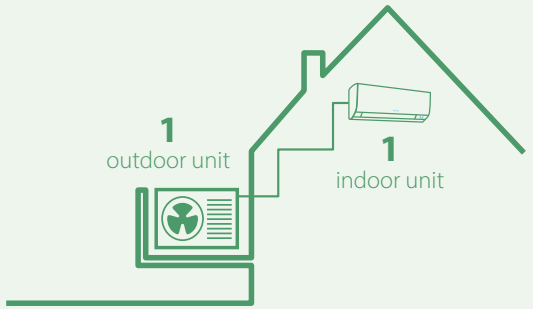
Air Curtains 85

Condensers for AHU Connection 88

Rooftops 91

Daikin Split Systems

Designed with quality and efficiency in mind, Daikin's stylish split units provide both heating and cooling ensuring comfort all year round.



Connecting one indoor unit to one outdoor unit

1. Flexibility

Daikin offer a variety of award winning indoor units, whether you are looking for wall mounted, floor standing or concealed ceiling units. They are available in a range of different sizes and colours to suit any room.



FTXZ-N

reddot design award winner 2013



White FTXA-CW

Silver FTXA-CS

Black FTXA-CB

DESIGN AWARD 2018 GOOD DESIGN reddot award 2018 winner



White FTXJ-AW9

Silver FTXJ-AS9

Black FTXJ-AB9

DESIGN AWARD 2022 GOOD DESIGN reddot award 2022 winner



FVXM-B



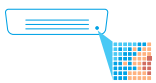
FDXM-F9

2. Greater heating capability

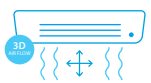
Daikin split systems such as Emura (FTXJ-A9/RXJ) and Perfera (FTXM-A/RXM) and Multi Splits can provide heating down to -20°C.

3. Full comfort offering heating and cooling

Daikin split systems provide both heating and cooling and offer exceptional comfort thanks to intelligent sensors and airflow techniques.



Intelligent thermal sensor
Stylish FTXA and Daikin Emura FTXJ use an intelligent 64 grid sensor to detect the surface temperature of a room to create a more comfortable climate by directing airflow to areas that require cooling or heating.



3-D air flow
Combines vertical and horizontal auto-swing to circulate a stream of warm or cool air right to the corners of even large spaces.



Coanda effect
Specially designed louvres allow for more focused airflow, providing greater control and temperature distribution throughout a space.



Heat boost
Heat boost quickly heats up your home when starting up your heat pump system. Set temperature is reached 14% faster* than a regular air-to-air heat pump (pair only).

* Heat boost test condition: 50 class, outdoor temperature 2°C - Indoor temperature 10°C, R/C setting: 23°C

* Applicable for Daikin Emura, Stylish and Perfera

4. Control your units, wherever you are

All indoor units are individually controlled by a remote control or via the Onecta app. The Daikin Onecta app enables scheduling, controlling and monitoring of each air-to-air heat pump unit as well as control and monitoring of the domestic hot water tank – via voice control. Onecta is compatible with Amazon Alexa and Google Assistant.



DAIKIN

amazon alexa

works with the Google Assistant

Unit cooling and heating capacities shown within this section are based on the following conditions (db):

Nominal cooling	**Nominal heating**	**UK cooling**
Ambient = 35°C	Ambient = 7°C	Ambient = 30°C
Internal = 27°C	Internal = 20°C	Internal = 22°C

Benefits overview

Split

		We care								Comfort											Air flow							Humidity control			Air treatment				Remote control & timer									Other functions		
		Up to A+++ in Heating & Cooling	Econo mode	2-area motion detection sensor	3-area motion detection sensor	Energy saving during operation standby	Home leave operation	Night set mode	Fan only	Auto cleaning filter	Comfort mode	Comfort+	Powerful mode	Auto cooling-heating changeover	Whisper quiet (down to 19dBA)	Practically inaudible	Indoor unit silent operation	Comfortable sleeping mode	Outdoor unit silent operation	Heat boost	Heat plus	Floor warming	3-D Air flow	Vertical auto swing	Horizontal auto swing	Auto fan speed	Fan speed steps	Intelligent thermal sensor	Coanda Effect	Ururu - humidification	Sarara - dehumidification	Dry programme	Flash Streamer**	Titanium apatite deodorising filter	Silver allergen removal and air purifying filter	Air filter	Daikin Cloud Service	Onecta app	Weekly timer	24 Hour timer	Infrared remote control	Wired remote control	Centralised remote control	Multi zoning	Auto-restart	Self-diagnosis	Multi model application
Wall mounted	FTXZ-N	●	●		●	●			●	●	●		●	●	●		●	●	●				●	●	●	●	5		● [1]	●	●		●	●		●		● *		●	●		●		●	●	
	FTXJ-AW/S/B9	●	●			●		●	●		●		●	●	●	●	●		●	●			●	●	●	●	5	●	● [2]			●	●	●	●	●	●	●		●	● *	●		●	●	●
	C/FTXA-CW/S/B	●	●			●		●	●		●		●	●	●	●	●		●	●			●	●	●	●	5	●	● [2]			●	●	●	●	● [3]	●	●	●	●	●	● *	●		●	●	●
	C/FTXA-D	●	●			●		●	●		●		●	●	●	●	●		●	●			●	●	●	●	5	●	● [2]			●	●	●	●	● [3]	●	●	●	●	●	● *	●		●	●	●
	C/FTXM-A	●	●	●		●		●	●		●	●	●	●	●	●	●		●	●			●	●	●	●	5					●	●	●	● [3]	●	●	●		●	● *	●		●	●	●
	FTXP-N(9)		●			●		●	●		●		●	●	●	●	●		●				●	●	●	●	5					●		●	●	●	●	●		●		●		●	●	● [4]
	FTXF-F		●			●			●		●		●	●			●							●		●	3					●			●	●		●		●	●			●	●	
Concealed ceiling	FDXM-F9						●		●	● *																	3					●			●		●	●	●	●	● *	●	●	●	●	●
Floor standing	C/FVXM-B		●			●		●	●		●		●	●		●	●		●	●	●	●		●		●	5					●			●	●	●	●	●	●	●		●	●	●	●

* Available as option
** The Flash Streamer technology is not meant to be used for medical purposes

[1] Cooling only class
[2] Cooling and heating
[3] Captures bacteria / viruses
[4] 20, 25, 35

Sky Air A-series

Specifications to suit your individual needs

- Price
- Performance
- Efficiency

The Sky Air A-Series is a reflection of the connection between the outdoor unit and the customer.

The Active Series activates the relationship. The outdoor unit is rapidly effective and efficient, offering excellent value for money. **(Price)**

The Advance Series helps meet a set of broader application needs by offering more features and benefits. **(Performance)**

The Alpha Series is for those wanting to get ahead and take full advantage of all the technical benefits in order to meet all application requirements. **(Efficiency)**

Best

Top of the range meeting all application requirements

Sky Air Alpha-series

Industry-leading technology for commercial applications

- Dedicated solution for infrastructure cooling
- Variable Refrigerant Temperature (RZAG71-100-125-140 series)
- Maximum piping length up to 85m (50m for RZAG35-50-60)
- Replacement technology
- Extended operation range down to -20°C in both heating and cooling
- Pair, twin, triple and double twin application (RZAG71-100-125-140 series)

Advance to broader range to meet more application needs

Sky Air Advance-series

- Technology and comfort combined for commercial applications
- Very compact and easy to install outdoor units
- Maximum piping length up to 50m (RZA-D up to 100m)
- Replacement technology operation range down to -15°C both cooling and in heating (RZA-D down to -20°C)
- Pair, twin, triple and double twin application

Activate your relationship

Sky Air Active-series

- Ideal solution for busy environments and small shops
- Very compact and easy to install outdoor units
- Maximum piping length up to 30m
- Replacement technology
- Easy-to-mount outdoor units: roof, terrace or wall
- Exclusively offered for pair applications

Mini Sky Air



RZAG-B



RZAG-N



RZASG-M

RZA-D



ARXM-A

AZAS-M

[kW] 3.5 5.0 6.0 7.1 10 12 14 20 25

R-32

7 reasons why Sky Air is unique in the market

SkyAir A-series

R-32 BLUEVOLUTION

1 The full Sky Air R-32 range delivers future-proofed, best-in-class climate control

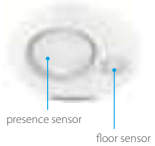
2 High energy efficiency

- **Top seasonal efficiency**
  - SEER up to 8.02 and A++ label in cooling and heating
  - Variable Refrigerant Temperature that automatically adapts the refrigerant temperature to the load
- Round flow and concealed ceiling units with **auto cleaning filter**



3 Best comfort

- **Variable Refrigerant Temperature** preventing cold draughts
- **Low sound** indoor and outdoor units
- **Presence and floor sensors** direct the air flow away from occupants, while ensuring an even temperature distribution
- Operation down to **-20°C in heating and cooling**
- Fresh air intake integrated in indoor unit



4 Top reliability

- For **infrastructure cooling**
  - unique boosted capacity indoor unit systems
  - duty rotation control
- **Refrigerant cooled PCB**
- New refrigerant passes keeping heat exchanger and drain holes completely open at all times
- **Extensive testing** before new units leave the factory
- **Wide support network** and after-sales service
- All spare parts available in Europe



bottom plate refrigerant pass

5 Market leading controls

- **Remote connectivity**
  - **Intuitive app** control
  - **Daikin Cloud Service** offering online control, energy monitoring and comparison of multiple sites
- **User-friendly wired remote controller with premium design**
  - Intuitive touch button control
  - Three colour versions
  - Advanced settings can be easily operated via your smartphone
- **Dedicated control solutions**
  - for retail applications
  - for infrastructure cooling



6 Superior aesthetics

- **Fully flat cassette** design unit that fits flush into the ceiling
- **Auto-cleaning** units ensure dirt-free ceilings with high-efficiency filters for regular and dust prone areas
- Widest ever range of cassette panels
  - Available in **white and black**
  - Sleek **designer panel** range



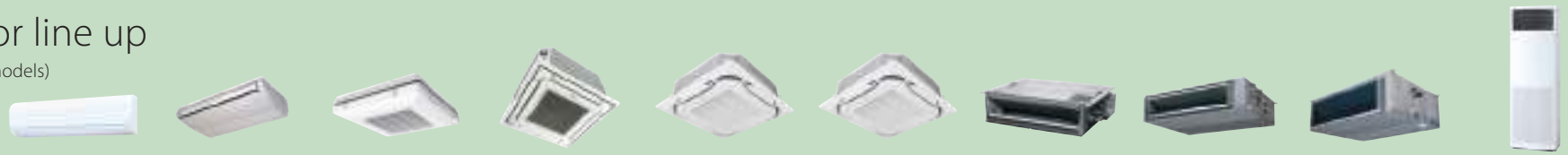
7 Unique installation benefits

- **Four-way blow ceiling suspended cassette** (FUA) for rooms without false ceilings.
- Plug & Play Daikin air handling unit using ERA condensing units
- Total solution for cooling, heating, air curtains and ventilation
- Dedicated asymmetric combinations for infrastructure cooling
- Reliably replace Daikin and non-Daikin systems without the need for pipe cleaning thanks to the new hepta filtration
- Use up to four indoor units linked to one outdoor unit for long or irregularly shaped rooms



Full indoor line up

(over 45 different models)



	Wall Mounted	Ceiling Suspended	Under Ceiling Cassette	Fully Flat	Roundflow Cassette	High COP Cassette	Slim Duct	Ducted	High Static Duct	Floor Standing
Alpha	✓	✓	✓ (RZAG-N only)	✓	✓	✓ (RZAG-N only)	✓	✓	✓ (RZAG-N only)	✓ (RZAG-N only)
Advance	✓	✓	✓	✓	✓		✓	✓	✓	✓
Active	✓	✓			✓			✓		✓ (AZAS-M only)

R-32 BLUEVOLUTION Ururu Sarara

FTXZ-N / RXZ-N

Wall Mounted – Ururu Sarara



Replacement Technology



ARC477A1



RXZ25-50N

Accessories:

Accessory Ref	Description	Trade Price
BRC073	Wired controller - connection cable required	£129.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£32.00
BRP069B42	Wi-Fi adapter for use with Daikin ONECTA App	£98.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
KLIC-DDV3	KNX interface for Split type systems	£270.00
KPMH950A4L	L-shaped cuffs for humidification hose (10 pieces)	£55.00
KPMH974B403	Humidification hose extension set (2m length)	£75.00
KPMH974B43	Hose for humidification (10m length)	£219.00
KPMJ942A4	Humidification hose extension joints (10 pieces)	£55.00
KPMJ983A4L	L-shaped joints for humidification hose (10 pieces)	£172.00
KRP413A1S	Adaptor PCB for remote on/off control - constant/ pulse contact	£121.00
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	£218.00
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	£251.00

Indoor Units			FTXZ25N	FTXZ35N	FTXZ50N
Capacity	UK Total Cooling	kW	2.44	3.42	4.89
	UK Sensible Cooling	kW	2.11	2.62	3.49
	Nominal Cooling	kW	2.5	3.5	5.0
	Nominal Heating	kW	3.6	5.0	6.3
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+++	A+++	A+++
	Pdesign	kW	2.5	3.5	5.0
	SEER		9.54	9.00	8.60
	Annual Energy Consumption	kWh	92	136	203
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+++	A+++	A+++
	Pdesign	kW	3.5	4.5	5.6
	SCOP		5.90	5.73	5.50
	Annual Energy Consumption	kWh	831	1100	1427
Air Flow Rate (Cooling)	High / Low / Silent	m^3/sec	0.178 / 0.088 / 0.067	0.202 / 0.093 / 0.067	0.250 / 0.110 / 0.077
Dimensions	Height	mm	295	295	295
	Width	mm	798	798	798
	Depth	mm	372	372	372
Weight		kg	15	15	15
RAL Colour			RAL 9002	RAL 9002	RAL 9002
Sound Pressure (Cooling)	High / Nom / Low / Silent	dBA	38 / 33 / 26 / 19	42 / 35 / 27 / 19	47 / 38 / 30 / 23
Sound Pressure (Heating)	High / Nom / Low / Silent	dBA	39 / 35 / 28 / 19	42 / 36 / 29 / 19	44 / 38 / 31 / 24
Sound Power (Cooling)		dBA	54	57	60

Outdoor Units			RXZ25N	RXZ35N	RXZ50N
Dimensions	Height x Width x Depth	mm	693 x 795 x 300	693 x 795 x 300	693 x 795 x 300
Weight		kg	50	50	50
Electrical Details	Power Supply		1ph	1ph	1ph
	Running Current	A	1.80	2.80	4.80
	Starting Current	A	2.8	4.4	6.2
	Max Fuse Size	A	16	16	16
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)
Pipework	Maximum Length	m	10	10	10
	Maximum Vertical Rise	m	8	8	8
	Precharged to	m	10	10	10
	Additional charge	g/m	-	-	-
	Holding Charge	kg	1.34	1.34	1.34
Sound Pressure (Cooling)	High / Low / Silent	dBA	46 / - / -	48 / - / -	49 / - / -
Sound Pressure (Heating)	High / Low / Silent	dBA	46 / - / -	48 / - / -	50 / - / -
Sound Power (Cooling)		dBA	59	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 43	-10 / 43	-10 / 43
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	High	m^3/sec	0.517	0.573	0.673
Meets ETL criteria			●	●	●
Trade Fan Coil Price			**£552.00**	**£649.00**	**£850.00**
Trade Condensing Unit Price			**£1,498.00**	**£1,736.00**	**£1,824.00**
Total System Price			**£2,050.00**	**£2,385.00**	**£2,674.00**

Notes & Features:

- The pinnacle of comfort cooling using integrated; ventilation, humidification (in Heating Mode) and dehumidification (in Cooling/Dry Mode), to deliver maximum efficiencies and comfort
- All fan coils are supplied with infrared remote controller ARC477A1
- The supplied humidifying hose is 8m long
- Self cleaning filters ensure optimum air quality & efficiency of operation
- Three-area intelligent eye ensures air is directed away from people in the room



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION













Daikin Design Series

Premium wall mounted units with advanced performance

Daikin's design series combines distinctive styling with proven climate control performance. Emura and Stylish offer installers premium wall mounted solutions that deliver quiet operation, high efficiencies and precise comfort control.

Designed for modern interiors and compatible with multi split systems, they provide a reliable, specification-ready option where design and performance both matter.

stylish

The Stylish unit now comes in premium textured finishes
Inspired by real materials, these durable finishes add depth and lasting visual appeal. Available in Pine Effect, Oak Effect, Grey Fabric, Colourful Fabric and Leather Effect finishes expand the range of specification options.

stylish

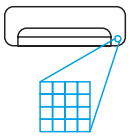


emura





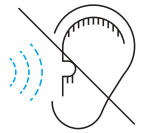
Available in matt white, black and silver
Premium finishes provide greater choice to meet customer design requirements.



Intelligent 64 grid thermal sensor
Continuously monitors temperature across the room, directing airflow away from occupants and towards hot or cold areas for balanced comfort.



Multi split compatible
Fully compatible with multi split outdoor units, supporting flexible system design across multiple rooms.



Quiet operation
Sound levels as low as 19 dBA support installation in bedrooms and noise-sensitive areas.

STREAMER

Built in Flash Streamer air purification
Integrated air purification helps improve indoor air quality as part of the overall system solution.

DAIKIN onecta

Built in Wi Fi control
Integrated Wi Fi enables system control via the Onecta app without additional accessories.

A+++ A+++ ↑ D

Premium efficiency
Efficiencies up to A+++ in heating and cooling support compliance and help reduce running costs.

R-32 BLUEVOLUTION emura

FTXJ-AW/S/B / RXJ-A(9)

Wall Mounted – Emura



STREAMER

Replacement Technology



RXJ20-35

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	£9.00
BRC073*	Wired controller - connection cable required	£129.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£32.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£355.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
KLIC-DDV3*	KNX interface for Split type systems	£270.00
KRP413A1S*	Adaptor PCB for remote on/off control - constant/ pulse contact	£121.00
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	£218.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£251.00

Indoor Units	White (RAL 9002)		FTXJ20AW9	FTXJ25AW9	FTXJ35AW9	FTXJ42AW9	FTXJ50AW9
	Silver (RAL 9006)		FTXJ20AS9	FTXJ25AS9	FTXJ35AS9	FTXJ42AS9	FTXJ50AS9
	Black (RAL 9005)		FTXJ20AB9	FTXJ25AB9	FTXJ35AB9	FTXJ42AB9	FTXJ50AB9
Capacity	UK Total Cooling	kW	1.95	2.44	3.32	4.11	4.89
	UK Sensible Cooling	kW	1.71	1.98	2.43	2.84	3.18
	Nominal Cooling	kW	2.0	2.5	3.4	4.2	5.0
	Nominal Heating	kW	2.5	2.8	4.0	5.4	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+++	A+++	A+++	A++	A++
	Pdesign	kW	2.00	2.50	3.40	4.20	5.00
	SEER		8.75	8.74	8.73	7.5	7.33
	Annual Energy Consumption	kWh	80	100	136	196	239
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+++	A+++	A+++	A++	A++
	Pdesign	kW	2.40	2.45	2.50	3.80	4.00
	SCOP		5.15	5.15	5.15	4.60	4.60
	Annual Energy Consumption	kWh	652	666	680	1156	1218
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.183 / 0.140 / 0.100 / 0.077	0.190 / 0.140 / 0.100 / 0.077	0.197 / 0.140 / 0.100 / 0.077	0.217 / 0.158 / 0.120 / 0.077	0.225 / 0.173 / 0.127 / 0.087
Dimensions	Height x Width x Depth	mm	305 x 900 x 212	305 x 900 x 212	305 x 900 x 212	305 x 900 x 212	305 x 900 x 212
Weight		kg	12	12	12	12	12
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	39/32/25/19	40/33/25/19	41/33/25/19	45/37/29/21	46/39/31/24
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	39/32/25/19	40/33/25/19	41/33/25/19	45/37/29/21	46/42/33/24
Sound Power (Cooling)		dBA	57	57	60	60	60
Outdoor Units			**RXJ20A9**	**RXJ25A9**	**RXJ35A9**	**RXJ42A9**	**RXJ50A9**
Dimensions	Height x Width x Depth	mm	552 x 840 x 350	552 x 840 x 350	552 x 840 x 350	734 x 954 x 408	734 x 954 x 408
Weight		kg	32	32	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	8.86	9.69	9.7	12.27	12.29
	Max Fuse Size	A	10	13	13	13	13
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	20	30	30
	Maximum Vertical Rise	m	15	15	15	20	20
	Precharged to	m	10	10	10	10	10
	Additional charge	g/m	20	20	20	20	20
	Holding Charge	kg	0.76	0.76	0.76	1.10	1.10
Sound Pressure (Cooling)	Nominal	dBA	46	46	49	48	48
Sound Pressure (Heating)	Nominal	dBA	47	47	49	48	49
Sound Power (Cooling)		dBA	60	60	61	63	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.567	0.567	0.600	0.777	0.777
Meets ETL criteria			●	●	●	●	●
Indoor Trade Price - White			**£470.00**	**£494.00**	**£555.00**	**£627.00**	**£731.00**
Indoor Trade Price - Silver			**£561.00**	**£590.00**	**£660.00**	**£746.00**	**£870.00**
Indoor Trade Price - Black			**£516.00**	**£543.00**	**£609.00**	**£687.00**	**£805.00**
Condensing Unit Trade Price			**£854.00**	**£900.00**	**£1,044.00**	**£1,191.00**	**£1,407.00**
Total System Price - White			**£1,324.00**	**£1,394.00**	**£1,599.00**	**£1,818.00**	**£2,138.00**
Total System Price - Silver			**£1,415.00**	**£1,490.00**	**£1,704.00**	**£1,937.00**	**£2,277.00**
Total System Price - Black			**£1,370.00**	**£1,443.00**	**£1,653.00**	**£1,878.00**	**£2,212.00**

Notes & Features:

- All fan coils are supplied with colour matching infrared remote controller ARC488A1 (7-day schedule timer)
- Wired controller, KLIC-DDV3 and RTD-RA options cannot be combined
- Flash Streamer Air Purifier built in
- Intelligent thermal sensor detects hot and cold spots in a space and directs airflow to ensure balanced, even indoor temperature
- Comfort at night, use silent mode and turn off the lights for peaceful sleep
- Quieter than a whisper at less than 19dBA



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION stylish

FTXA-C / RXA-A/B(8)

Wall Mounted – Stylish





ARC466A85

STREAMER

Replacement Technology



RXA20-35

Indoor Units	White (RAL 9002)		CTXA15CW	FTXA20CW	FTXA25CW	FTXA35CW	FTXA42CW	FTXA50CW
	Black (RAL 9005)		CTXA15CB	FTXA20CB	FTXA25CB	FTXA35CB	FTXA42CB	FTXA50CB
	Silver (RAL 9006)		CTXA15CS	FTXA20CS	FTXA25CS	FTXA35CS	FTXA42CS	FTXA50CS
Capacity	UK Total Cooling	kW	Multi Combination Only	1.95	2.44	3.32	4.11	4.89
	UK Sensible Cooling	kW		1.95	1.96	2.43	3.01	3.56
	Nominal Cooling	kW		2.0	2.5	3.4	4.2	5.0
	Nominal Heating	kW		2.5	2.8	4.0	5.4	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label			A+++	A+++	A+++	A++	A++
	Pdesign	kW		2.0	2.5	3.4	4.2	5.0
	SEER			8.75	8.74	8.73	7.50	7.33
	Annual Energy Consumption	kWh		80	101	136	196	239
Seasonal Efficiency (EN14825) HEATING	Energy Label			A+++	A+++	A+++	A++	A++
	Pdesign	kW		2.40	2.45	2.50	3.80	4.00
	SCOP			5.15	5.15	5.15	4.6	4.6
	Annual Energy Consumption	kWh		652	666	680	1150	1217
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.183 / 0.137 / 0.102 / 0.077	0.183 / 0.137 / 0.102 / 0.077	0.192 / 0.143 / 0.102 / 0.077	0.198 / 0.143 / 0.102 / 0.077	0.218 / 0.163 / 0.120 / 0.077	0.225 / 0.173 / 0.127 / 0.087
Dimensions	Height / Width / Depth	mm	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189
Weight		kg	12	12	12	12	12	12
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	39 / 32 / 25 / 21	39 / 32 / 25 / 19	40 / 33 / 25 / 19	41 / 33 / 25 / 19	45 / 37 / 29 / 21	46 / 39 / 31 / 24
Sound Power (Cooling)		dBA	57	57	57	60	60	60

Outdoor Units				RXA20A8	RXA25A8	RXA35A8	RXA42B8	RXA50B8
Dimensions	Height x Width x Depth	mm	Multi Combination Only	550 x 840 x 350	550 x 840 x 350	550 x 840 x 350	734 x 870 x 373	734 x 870 x 373
Weight		kg		32	32	32	50	50
Electrical Details	Power Supply			1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A		9.88	11.17	12.29	12.8	12.8
	Max Fuse Size	A		10	13	13	16	16
Interconnection Wiring	Core / Cable Size			3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)		1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m		20	20	20	30	30
	Maximum Vertical Rise	m		15	15	15	20	20
	Precharged to	m		10	10	10	10	10
	Additional charge	g/m		20	20	20	20	20
	Holding charge	kg		0.76	0.76	0.76	1.1	1.1
Sound Pressure (Cooling)	Nominal	dBA		46	46	49	48	48
Sound Power (Cooling)		dBA		59	59	61	62	62
Operating Range (Cooling)	Min / Max	°CDB		-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46
Operating Range (Heating)	Min / Max	°CWB		-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec		0.567	0.567	0.600	0.777	0.777
Meets ETL criteria				●	●	●	●	●
Indoor Trade Price - White			**£395.00**	**£447.00**	**£471.00**	**£529.00**	**£597.00**	**£697.00**
Indoor Trade Price - Black			**£432.00**	**£491.00**	**£517.00**	**£580.00**	**£655.00**	**£764.00**
Indoor Trade Price - Silver			**£471.00**	**£534.00**	**£562.00**	**£629.00**	**£710.00**	**£831.00**
Condensing Unit Trade Price				**£813.00**	**£857.00**	**£994.00**	**£1,135.00**	**£1,337.00**
Total System Price - White				**£1,260.00**	**£1,328.00**	**£1,523.00**	**£1,732.00**	**£2,034.00**
Total System Price - Black				**£1,304.00**	**£1,374.00**	**£1,574.00**	**£1,790.00**	**£2,101.00**
Total System Price - Silver				**£1,347.00**	**£1,419.00**	**£1,623.00**	**£1,845.00**	**£2,168.00**

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	**£9.00**
BRC073*	Wired controller - connection cable required	**£129.00**
BRCW901A03	3m extension cord required for wired remote controller BRC073	**£17.00**
BRCW901A08	8m extension cord required for wired remote controller BRC073	**£32.00**
K.CGM	Condensing unit guard (1150 x 1150 x 650)	**£490.00**
K.CGS	Condensing unit guard (750 x 1050 x 460)	**£355.00**
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	**£55.00**
K.DT1	Condensate drip tray for use with K.CWB90-2	**£85.00**
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	**£73.00**
KLIC-DDV3*	KNX interface for Split type systems	**£270.00**
KRP413A1S*	Adaptor PCB for remote on/off control - constant/ pulse contact	**£121.00**
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	**£218.00**
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	**£251.00**

Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A85
- Flash Streamer Air Purifier built in
- Intelligent thermal sensor detects hot and cold spots in a space and directs airflow to ensure balanced, even indoor temperature
- Comfort at night, use silent mode and turn off the lights for peaceful sleep
- Quieter than a whisper at less than 19dBA



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION stylish

FTXA-D_RXA-B8


Dark brown leather style with black body
FTXA-DL


Colourful fabric style with white body
FTXA-DC


Light wood style with white body
FTXA-DP


Grey fabric style with black body
FTXA-DG


Dark wood style with black body
FTXA-DY


ARC466A85

STREAMER

Replacement Technology


RXA20-35

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	£9.00
BRC073*	Wired controller - connection cable required	£129.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£32.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£355.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
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KRP413A1S*	Adaptor PCB for remote on/off control - constant/ pulse contact	£121.00
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	£218.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£251.00

Seiren Stylish	Grey Fabric Pattern		CTXA15DG	FTXA20DG	FTXA25DG	FTXA35DG	FTXA42DG	FTXA50DG
	Colourful Fabric Pattern		CTXA15DC	FTXA20DC	FTXA25DC	FTXA35DC	FTXA42DC	FTXA50DC
	Pine Wood Pattern		CTXA15DP	FTXA20DP	FTXA25DP	FTXA35DP	FTXA42DP	FTXA50DP
	Oak Wood Pattern		CTXA15DY	FTXA20DY	FTXA25DY	FTXA35DY	FTXA42DY	FTXA50DY
	Dark Brown Leather Pattern		CTXA15DL	FTXA20DL	FTXA25DL	FTXA35DL	FTXA42DL	FTXA50DL
Capacity	UK Total Cooling	kW	Multi Combination Only	1.95	2.44	3.32	4.11	4.89
	UK Sensible Cooling	kW		1.95	1.96	2.43	3.01	3.56
	Nominal Cooling	kW		2.0	2.5	3.4	4.2	5.0
	Nominal Heating	kW		2.5	2.8	4.0	5.4	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label			A+++	A+++	A+++	A++	A++
	Pdesign	kW		2.0	2.5	3.4	4.2	5.0
	SEER			8.75	8.74	8.73	7.50	7.33
	Annual Energy Consumption	kWh		80	101	136	196	239
Seasonal Efficiency (EN14825) HEATING	Energy Label			A+++	A+++	A+++	A++	A++
	Pdesign	kW		2.40	2.45	2.50	3.80	4.00
	SCOP			5.15	5.15	5.15	4.60	4.60
	Annual Energy Consumption	kWh		652	666	680	1150	1217
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.183 / 0.137 / 0.102 / 0.077	0.183 / 0.137 / 0.102 / 0.077	0.192 / 0.143 / 0.102 / 0.077	0.198 / 0.143 / 0.102 / 0.077	0.218 / 0.163 / 0.120 / 0.077	0.225 / 0.173 / 0.127 / 0.087
Dimensions	Height / Width / Depth	mm	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189	295 x 798 x 189
Weight		kg	12	12	12	12	12	12
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	39/32/25/21	39/32/25/19	40/33/25/19	41/33/25/19	45/37/29/21	46/39/31/24
Sound Power (Cooling)		dBA	57	57	57	60	60	60

Outdoor Units			Multi Combination Only	RXA20A8	RXA25A8	RXA35A8	RXA42B8	RXA50B8
Dimensions	Height x Width x Depth	mm	Multi Combination Only	550 x 840 x 350	550 x 840 x 350	550 x 840 x 350	734 x 870 x 373	734 x 870 x 373
Weight		kg		32	32	32	50	50
Electrical Details	Power Supply			1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A		9.88	11.17	12.29	12.8	12.8
	Max Fuse Size	A		10	13	13	16	16
Interconnection Wiring	Core / Cable Size			3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)		1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m		20	20	20	30	30
	Maximum Vertical Rise	m		15	15	15	20	20
	Precharged to	m		10	10	10	10	10
	Additional charge	g/m		20	20	20	20	20
	Holding charge	kg		0.76	0.76	0.76	1.1	1.1
Sound Pressure (Cooling)	Nominal	dBA		46	46	49	48	48
Sound Power (Cooling)		dBA		59	59	61	62	62
Operating Range (Cooling)	Min / Max	°CDB		-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB		-15/18	-15/18	-15/18	-15/18	-15/18
Air Flow Rate (Cooling)	Nominal	m³/sec		0.567	0.567	0.600	0.777	0.777
Meets ETL criteria				●	●	●	●	●
Indoor Trade Price - ALL COLOURS			**£708.00**	**£760.00**	**£784.00**	**£842.00**	**£910.00**	**£1,010.00**
Condensing Unit Trade Price				**£813.00**	**£857.00**	**£994.00**	**£1,135.00**	**£1,337.00**
Total System Price - ALL COLOURS				**£1,573.00**	**£1,641.00**	**£1,836.00**	**£2,045.00**	**£2,347.00**

Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A85
- Fan with Coanda effect for optimum air distribution and indoor comfort
- Grid eye sensor redirects air away from the occupants in the room
- Flash Streamer technology helps improve indoor air quality
- Antibacterial Filter for effectively arresting small particulates



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION perfera

FTXM-A / RZAG-B

Wall Mounted – Mini Sky Air

SkyAir Alpha-series



Replacement Technology

50m PIPE RUN



ARC466A86



RZAG35-60B

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	£9.00
BRC073*	Wired controller - connection cable required	£129.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£32.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
KLIC-DDV3*	KNX interface for Split type systems	£270.00
KRP413A1S*	Adaptor PCB for remote on/off control - constant/ pulse contact	£121.00
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	£218.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£251.00

Indoor Units			FTXM35A	FTXM50A	FTXM60A
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.52	3.36	3.98
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	6.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.5	5.0	6.0
	SEER		7.70	7.41	6.90
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A+
	Pdesign	kW	2.6	4.5	4.6
	SCOP		4.60	4.60	4.35
Air Flow Rate (Cooling)	High / Med / Low / Silent	m^3/sec	0.220 / 0.157 / 0.118 / 0.077	0.212 / 0.173 / 0.130 / 0.098	0.260 / 0.223 / 0.187 / 0.143
Dimensions	Height	mm	298	298	299
	Width	mm	804	804	998
	Depth	mm	252	252	292
Weight		kg	11.5	11.5	14.5
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	45/37/29/19	46/40/33/27	46/42/37/30
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	39/35/28/20	46/41/34/31	45/41/36/33
Sound Power (Cooling)		dBA	58	60	60

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 24	-20 / 24
Air Flow Rate (Cooling)	High	m^3/sec	0.918	0.918	0.918
Meets ETL criteria			●	●	●
Indoor Unit Trade Price			**£289.00**	**£448.00**	**£456.00**
Condensing Unit Trade Price			**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price			**£1,483.00**	**£1,905.00**	**£2,052.00**

Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A86 (7-day schedule timer)
- All fan coils have auto restart after power failure
- Wired controller, KLIC-DDV3 and RTD-RA options cannot be combined
- Flash Streamer Air Purifier built in
- Two area PIR, to direct air away from occupants for even, comfortable temperature
- Comfort at night, use silent mode and turn off the lights for peaceful sleep
- Quieter than a whisper at less than 19dBA
- Auto and Manual Heat Boost available



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION perfera

FTXM-A / RXM-A

Wall Mounted – Perfera



Replacement Technology



ARC466A86



RXM20-50

Indoor Units			FTXM20A	FTXM25A	FTXM35A	FTXM42A	FTXM50A	FTXM60A	FTXM71A
Capacity	UK Total Cooling	kW	1.95	2.44	3.42	4.11	4.89	5.86	6.94
	UK Sensible Cooling	kW	1.79	2.15	2.59	2.87	3.25	3.84	4.57
	Nominal Cooling	kW	2.0	2.5	3.4	4.2	5.0	6.0	7.1
	Nominal Heating	kW	2.5	2.8	4.0	5.4	5.8	7.0	8.2
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+++	A+++	A+++	A++	A++	A++	A++
	Pdesign	kW	2.0	2.5	3.4	4.2	5.0	6.0	7.1
	SEER		9.47	9.47	9.25	8.11	7.55	6.90	6.2
	Annual Energy Consumption	kWh	74	92	132	181	232	304	401
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+++	A+++	A+++	A++	A++	A+	A+
	Pdesign	kW	2.3	2.4	2.5	4.0	4.5	4.8	6.2
	SCOP		5.20	5.20	5.20	5.00	4.75	4.30	4.10
	Annual Energy Consumption	kWh	619	647	673	1120	1326	1562	2116
Air Flow Rate (Cooling)	High / Med / Low / Silent	m^3/sec	0.198 / 0.148 / 0.105 / 0.082	0.198 / 0.148 / 0.105 / 0.082	0.220 / 0.157 / 0.118 / 0.077	0.222 / 0.163 / 0.120 / 0.083	0.212 / 0.173 / 0.130 / 0.098	0.260 / 0.223 / 0.187 / 0.143	0.263 / 0.227 / 0.190 / 0.155
Dimensions	Height	mm	298	298	298	298	298	298	298
	Width	mm	804	804	804	804	804	997	997
	Depth	mm	252	252	252	252	252	292	292
Weight		kg	11.5	11.5	11.5	11.5	11.5	14.5	14.5
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	41 / 33 / 25 / 19	41 / 33 / 25 / 19	45 / 37 / 29 / 19	45 / 38 / 30 / 21	46 / 40 / 33 / 27	46 / 42 / 37 / 30	47 / 43 / 38 / 32
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	39 / 34 / 26 / 20	39 / 34 / 27 / 20	39 / 35 / 28 / 20	45 / 37 / 29 / 21	46 / 41 / 34 / 31	45 / 41 / 36 / 33	46 / 42 / 37 / 34
Sound Power (Cooling)		dBA	54	54	58	60	60	60	60

Outdoor Units			RXM20A	RXM25A9	RXM35A9	RXM42A	RXM50A8	RXM60A	RXM71A
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401	734 x 954 x 401
Weight		kg	36	36	36	40	40	49	55
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	9.19	10.01	10.11	11.54	12.69	15.09	19.78
	Max Fuse Size	A	10	13	13	13	13	16	20
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 5/8 (15.9)
Pipework	Maximum Length	m	20	20	20	30	30	30	30
	Maximum Vertical Rise	m	15	15	15	20	20	20	20
	Precharged to	m	10	10	10	10	10	10	10
	Additional Charge	g/m	20	20	20	20	20	20	20
	Holding Charge	kg	0.95	0.95	0.95	0.95	0.95	1.15	1.15
Sound Pressure (Cooling)	Nominal	dBA	46	46	47	48	48	48	47
Sound Pressure (Heating)	Nominal	dBA	47	47	49	49	49	49	48
Sound Power (Cooling)		dBA	59	59	60	60	61	60	60
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 46
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-21 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.642	0.642	0.652	0.668	0.967	0.777	0.817
Meets ETL criteria			●	●	●	●	●	●	●
Indoor Unit Trade Price			**£235.00**	**£253.00**	**£289.00**	**£324.00**	**£448.00**	**£456.00**	**£606.00**
Condensing Unit Trade Price			**£666.00**	**£723.00**	**£840.00**	**£947.00**	**£1,054.00**	**£1,121.00**	**£1,538.00**
Total System Price			**£901.00**	**£976.00**	**£1,129.00**	**£1,271.00**	**£1,502.00**	**£1,577.00**	**£2,144.00**

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	**£9.00**
BRC073*	Wired controller - connection cable required	**£129.00**
BRCW901A03	3m extension cord required for wired remote controller BRC073	**£17.00**
BRCW901A08	8m extension cord required for wired remote controller BRC073	**£32.00**
K.CGM	Condensing unit guard (1150 x 1150 x 650)	**£490.00**
K.CGS	Condensing unit guard (750 x 1050 x 460)	**£355.00**
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	**£55.00**
K.DT1	Condensate drip tray for use with K.CWB90-2	**£85.00**
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	**£73.00**
KLIC-DDV3*	KNX interface for Split type systems	**£270.00**
KRP413A1S*	Adaptor PCB for remote on/off control - constant/ pulse contact	**£121.00**
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	**£218.00**
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	**£251.00**

Notes & Features:

- All fan coils are supplied with infrared remote controller ARC466A86 (7-day schedule timer)
- All fan coils have auto restart after power failure
- Wired controller, KLIC-DDV3 and RTD-RA options cannot be combined
- Flash Streamer Air Purifier built in
- Two area PIR, to direct air away from occupants for even, comfortable temperature
- Comfort at night, use silent mode and turn off the lights for peaceful sleep
- Quieter than a whisper at less than 19dBA
- Auto and Manual Heat Boost available



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION comfora

FTXP-N(9) / RXP-N(9)

Wall Mounted – Comfora



Replacement Technology



ARC480A78



RXP20-35

Accessories:

Accessory Ref	Description	Trade Price
BRC073*	Wired controller - connection cable required - needs KRP067A41 for class 20-50	£129.00
KRP067A41	PCB Interface adaptor required for BRC073 (only sizes 2.0kw, 2.5kw, 3.5kw & 5.0kW)	£79.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£32.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£355.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
KLIC-DDV3*	KNX interface for Split type systems	£270.00
KRP413A1S	Adaptor PCB for remote on/off control - constant/ pulse contact	£121.00
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	£218.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£251.00

Indoor Units			FTXP20N9	FTXP25N9	FTXP35N9	FTXP50N9	FTXP60N	FTXP71N
Capacity	UK Total Cooling	kW	1.95	2.44	3.42	4.89	5.86	6.93
	UK Sensible Cooling	kW	1.69	1.94	2.49	3.42	4.00	4.73
	Nominal Cooling	kW	2.0	2.5	3.5	5.0	6.0	7.1
	Nominal Heating	kW	2.5	3.0	4.0	6.0	7.0	8.2
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++	A++	A++
	Pdesign	kW	2.0	2.5	3.5	5.0	6.0	7.1
	SEER		7.20	7.20	7.20	7.10	6.82	6.20
	Annual Energy Consumption	kWh	97	121	170	246	308	401
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A++	A+	A+	A+
	Pdesign	kW	2.2	2.4	2.8	4.6	4.8	6.2
	SCOP		4.65	4.61	4.64	4.34	4.10	4.01
	Annual Energy Consumption	kWh	663	728	845	1498	1638	2166
Air Flow Rate (Cooling)	High / Med / Low / Silent	m^3/sec	0.160 / 0.125 / 0.093 / 0.073	0.165 / 0.125 / 0.097 / 0.073	0.192 / 0.138 / 0.105 / 0.075	0.272 / 0.233 / 0.192 / 0.138	0.280 / 0.240 / 0.197 / 0.153	0.280 / 0.240 / 0.197 / 0.168
Dimensions	Height	mm	286	286	286	286	295	295
	Width	mm	770	770	770	770	990	990
	Depth	mm	225	225	225	225	263	263
Weight		kg	8.5	8.5	9	9	13.5	13.5
RAL Colour			RAL 9002	RAL 9002	RAL 9002	RAL 9002	RAL 9002	RAL 9002
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	39 / 33 / 25 / 19	40 / 33 / 26 / 19	43 / 34 / 27 / 20	43 / 39 / 34 / 27	45 / 41 / 36 / 30	46 / 42 / 37 / 32
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	39 / 34 / 28 / 21	40 / 34 / 28 / 21	40 / 35 / 29 / 21	42 / 38 / 33 / 30	44 / 40 / 35 / 32	45 / 41 / 36 / 33
Sound Power (Cooling)		dBA	55	55	58	59	60	62

Outdoor Units			RXP20N9	RXP25N9	RXP35N9	RXP50N8	RXP60N9	RXP71N9
Dimensions	Height x Width x Depth	mm	556 x 740 x 343	556 x 740 x 343	556 x 740 x 343	610 x 923 x 367	734 x 954 x 401	734 x 954 x 401
Weight		kg	24	24	24	40	50	50
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	7.99	7.99	9.20	11.81	15.70	15.70
	Max Fuse Size	A	16	16	16	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	20	30	30	30
	Maximum Vertical Rise	m	12	12	12	20	20	20
	Precharged to	m	10	10	10	10	10	10
	Additional charge	g/m	20	20	20	20	20	20
	Holding charge	kg	0.55	0.55	0.70	0.90	1.15	1.15
Sound Pressure (Cooling)	Nominal	dBA	46	46	48	47	49	52
Sound Pressure (Heating)	Nominal	dBA	47	47	48	49	49	52
Sound Power (Cooling)		dBA	61	61	62	61	63	66
Operating Range (Cooling)	Min / Max	°CDB	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.460	0.460	0.470	0.683	0.758	0.758
Meets ETL criteria			●	●	●	●		
Indoor Unit Trade Price			£171.00	£191.00	£215.00	£349.00	£358.00	£476.00
Condensing Unit Trade Price			£511.00	£544.00	£631.00	£822.00	£876.00	£1,259.00
Total System Price			£682.00	£735.00	£846.00	£1,171.00	£1,234.00	£1,735.00

Notes & Features:

- Class 20-50 fan coils are supplied with IR remote controller ARC480A78; class 60&71 fan coils use IR remote controller ARC480A53
- 3D airflow, control both horizontal and vertical louvres
- Whisper quiet in operation down to 19 dBA with 'Silent Mode' operation
- The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- Passive air purification with deodorising and high static silver inhibition filters
- Can be connected to MXM & MWXM multi split systems (sizes 20-35)



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION sensira

FTXF-F / RXF-F/D9

Wall Mounted – Residential



FTXF20-50F

Replacement Technology



ARC470A1

Now comes with Wi-Fi as standard



RXF20-50F

Indoor Units			FTXF20F	FTXF25F	FTXF35F	FTXF42F	FTXF50F	FTXF60F	FTXF71F
Capacity	UK Total Cooling	kW	1.95	2.44	3.22	4.07	4.89	5.86	6.93
	UK Sensible Cooling	kW	1.69	1.94	2.35	2.97	3.42	4.00	4.73
	Nominal Cooling	kW	2.00	2.50	3.30	4.20	5.00	6.00	7.10
	Nominal Heating	kW	2.40	2.80	3.80	4.30	6.00	6.40	8.20
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++	A++	A++	A
	Pdesign	kW	2.00	2.50	3.50	4.20	5.00	6.00	7.10
	SEER		6.50	6.50	6.50	6.50	6.50	6.15	5.15
	Annual Energy Consumption	kWh	108	135	188	226	269	342	483
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+	A+	A+	A+	A
	Pdesign	kW	2.20	2.40	2.60	3.30	4.60	4.80	6.20
	SCOP		4.20	4.20	4.20	4.30	4.10	4.06	3.81
	Annual Energy Consumption	kWh	733	801	867	1075	1297	1654	2275
Air Flow Rate (Cooling)	High / Medium / Low / Silent	m^3/sec	0.163 / 0.133 / 0.100 / 0.072	0.167 / 0.133 / 0.103 / 0.072	0.192 / 0.133 / 0.107 / 0.073	0.210 / 0.150 / 0.115 / 0.082	0.280 / 0.240 / 0.198 / 0.175	0.288 / 0.247 / 0.203 / 0.173	0.288 / 0.247 / 0.203 / 0.173
Dimensions	Height	mm	286	286	286	286	286	295	295
	Width	mm	770	770	770	770	770	990	990
	Depth	mm	225	225	225	255	225	263	263
Weight		kg	8	8	8.50	9	13.50	13.50	13.50
Sound Pressure (Cooling)	High / Medium / Low / Silent	dBA	39 / 33 / 25 / 20	40 / 33 / 26 / 20	43 / 34 / 27 / 20	45 / 36 / 30 / 22	43 / 39 / 34 / 31	45 / 41 / 36 / 33	46 / 42 / 37 / 34
Sound Pressure (Heating)	High / Medium / Low / Silent	dBA	39 / 34 / 28 / 21	40 / 34 / 28 / 21	40 / 35 / 29 / 21	44 / 34 / 28 / 22	42 / 38 / 33 / 30	44 / 40 / 35 / 32	45 / 41 / 36 / 33
Sound Power (Cooling)		dBA	53	54	54	59	59	60	62

Outdoor Units			RXF20F	RXF25F	RXF35F	RXF42F	RXF50F	RXF60D9	RXF71D9
Dimensions	Height x Width x Depth	mm	556 x 740 x 343	556 x 740 x 343	556 x 740 x 343	556 x 740 x 343	610 x 923 x 367	734 x 870 x 373	734 x 870 x 373
Weight		kg	24	24	24	28	40	50	50
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	8.06	8.14	9.36	9.44	10.43	15.70	15.70
	Max Fuse Size	A	16	16	16	16	16	20	20
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	20	20	30	30	30
	Maximum Vertical Rise	m	12	12	12	12	20	20	20
	Precharged to	m	10	10	10	10	10	10	10
	Additional Charge	g/m	20	20	20	20	20	20	20
	Holding Charge	kg	0.42	0.42	0.55	0.75	0.80	1.15	1.15
Sound Pressure (Cooling)	20-50 High / 60-71 Nominal	dBA	46	46	48	48	48	49	52
Sound Pressure (Heating)	20-50 High / 60-71 Nominal	dBA	47	47	48	48	49	49	52
Sound Power (Cooling)		dBA	60	60	61	61	61	63	66
Operating Range (Cooling)	Min / Max	°CDB	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	20-50 High / 60-71 Nominal	m^3/sec	0.460	0.483	0.483	0.475	0.668	0.797	0.797

Trade Fan Coil Price	**£125.00**	**£135.00**	**£157.00**	**£187.00**	**£229.00**	**£269.00**	**£342.00**
Trade Condensing Unit Price	**£376.00**	**£402.00**	**£466.00**	**£529.00**	**£584.00**	**£688.00**	**£876.00**
Total System Price	**£501.00**	**£537.00**	**£623.00**	**£716.00**	**£813.00**	**£957.00**	**£1,218.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC073	Optional wired remote controller BRC1E53A style - Connection cable required.	**£129.00**
KRP980A1	Interface adaptor for wired remote controller BRC073 - for class 20-50	**£79.00**
BRCW901A03	3m connection cable for BRC073	**£17.00**
BRCW901A08	8m connection cable for BRC073	**£32.00**
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU	**£55.00**
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	**£85.00**
K.CGS	Condensing unit guard size 20-42	**£355.00**
K.CGM	Condensing unit guard size 50-71	**£490.00**

Notes & Features:

- Sizes 20-50 fan coils are supplied with controller ARC480A93, sizes 60 & 71 are supplied with controller ARC470A
- Sizes 20 - 50 come with built in wifi, sizes 60 & 71 come with a wifi adaptor as standard
- Whisper-quiet in operation down to 20 dBA
- The unit's compact dimensions make it ideal for renovation projects, especially for above door installation
- Space-saving contemporary wall-mounted design



DAIKIN onecta

R-32 BLUEVOLUTION

SkyAir Alpha-series

FAA-B / RZAG-N

Wall Mounted – Alpha



Replacement Technology



RZAG71-140N



Madoka Plus
BRC1KPD51W



Madoka
BRC1H52W7

Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRC7EA631	Wireless remote controller for class 71	£199.00
BRC7EA632	Wireless remote controller for class 100	£199.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00

Indoor Units			Single Phase		3 Phase	
			FAA71B	FAA100B	FAA71B	FAA100B
Capacity	UK Total Cooling	kW	7.76	10.85	7.76	10.85
	UK Sensible Cooling	kW	5.32	7.44	5.32	7.44
	Nominal Cooling	kW	6.8	9.5	6.8	9.5
	Nominal Heating	kW	7.5	10.8	7.5	10.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++
	Pdesign	kW	6.8	9.5	6.8	9.5
	SEER		6.58	6.42	6.58	6.42
	Annual Energy Consumption	kWh	362	518	362	518
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+	A+
	Pdesign	kW	4.7	7.8	4.7	7.8
	SCOP		4.2	4.01	4.2	4.01
	Annual Energy Consumption	kWh	1567	2723	1567	2723
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312
Dimensions	Height	mm	290	340	290	340
	Width	mm	1050	1200	1050	1200
	Depth	mm	269	262	269	262
Weight		kg	14	18	14	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65	61	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG71NY1	RZAG100NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	81	85
Electrical Details	Power Supply		1ph	1ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.5	21.3	10.9	14.0
	Max Fuse Size	A	20	32	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	55	85
	Maximum Vertical Rise	m	30	30	30	30
	Precharged to	m	40	40	40	40
	Additional charge	g/m	35	35	35	35
	Holding charge	kg	3.2	3.2	3.2	3.2
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	46 / 44	47 / 45
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	48 / 44	50 / 45
Sound Power (Cooling)		dBA	64	66	64	66
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	1.133	1.117	1.133	1.117

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,199.00**	**£1,295.00**	**£1,199.00**	**£1,295.00**
Condensing Unit Trade Price	**£1,888.00**	**£2,395.00**	**£1,945.00**	**£2,506.00**
Total System Price	**£3,087.00**	**£3,690.00**	**£3,144.00**	**£3,801.00**

For Comms Rooms & Duty Rotation see page 82 - 83

Notes & Features:

- Three fan speeds available
- Automatic airflow volume control based on difference between set and room temperature
- Dry programme: reduces humidity in the room
- Comms, computer and server room cooling with EDP settings (Alpha only)



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

Sky Air Advance-series

FAA-B / RZASG-M

Wall Mounted – Advance



Replacement Technology



Madoka Plus
BRC1KPD51W



RZASG71M RZASG100M



Madoka
BRC1H52W7

Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRC7EA631	Wireless remote controller for class 71	£199.00
BRC7EA632	Wireless remote controller for class 100	£199.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00

Indoor Units			Single Phase		3 Phase
			FAA71B	FAA100B	FAA100B
Capacity	UK Total Cooling	kW	7.28	10.8	10.8
	UK Sensible Cooling	kW	4.99	7.44	7.44
	Nominal Cooling	kW	6.8	9.5	9.5
	Nominal Heating	kW	7.5	10.8	10.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A+
	Pdesign	kW	6.8	9.5	9.5
	SEER		6.41	5.83	5.83
	Annual Energy Consumption	kWh	371	570	570
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	A
	Pdesign	kW	4.5	6.0	6.0
	SCOP		3.9	3.85	3.85
	Annual Energy Consumption	kWh	1615	2182	2182
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312	0.383 / 0.352 / 0.312
Dimensions	Height	mm	290	340	340
	Width	mm	1050	1200	1200
	Depth	mm	269	262	262
Weight		kg	14	18	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65	65

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG100MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70
Electrical Details	Power Supply		1ph	1ph	3ph
	Maximum Input Current (MCA)	A	17.4	21.7	14.4
	Max Fuse Size	A	20	25	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	35	35	35
	Holding charge	kg	2.45	2.60	2.60
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	70
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.933	1.150	1.150

Indoor Unit Trade Price (Includes: BRC1H52W7)			**£1,199.00**	**£1,295.00**	**£1,295.00**
Condensing Unit Trade Price			**£1,300.00**	**£1,798.00**	**£1,854.00**
Total System Price			**£2,499.00**	**£3,093.00**	**£3,149.00**

Notes & Features:

- Three fan speeds available
- Automatic airflow volume control based on difference between set and room temperature
- Dry programme: reduces humidity in the room
- Comms, computer and server room cooling with EDP settings (Alpha only)



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Active-series

FAA-B / AZAS-M / ARXM-A

Wall Mounted – Active





ARXM71A AZAS100M

Replacement Technology



Madoka Plus
BRC1KPD51W



Madoka
BRC1H52W7

Accessories:

Accessory Ref	Description	Trade Price
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRC7EA631	Wireless remote controller for class 71	£199.00
BRC7EA632	Wireless remote controller for class 100	£199.00
K.CGL	Condensing unit guard (1450 x 1150 x 650)	£586.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	£73.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.DT2	Condensate drip tray for use with K.CWB140-2	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00

Indoor Units			Single Phase		3 Phase
			FAA71B	FAA100B	FAA100B
Capacity	UK Total Cooling	kW	6.65	10.80	10.80
	UK Sensible Cooling	kW	4.15	7.44	7.44
	Nominal Cooling	kW	6.8	9.5	9.5
	Nominal Heating	kW	7.5	10.8	10.8
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+
	Pdesign	kW	6.8	9.5	9.5
	SEER		5.77	5.67	5.67
	Annual Energy Consumption	kWh	412	586	586
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	A
	Pdesign	kW	4.5	6.0	6.0
	SCOP		3.81	3.81	3.81
	Annual Energy Consumption	kWh	1652	2205	2205
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.270 / 0.223 / 0.202	0.383 / 0.352 / 0.312	0.383 / 0.352 / 0.312
Dimensions	Height	mm	290	340	340
	Width	mm	1050	1200	1200
	Depth	mm	269	262	262
Weight		kg	14	18	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65	65

Outdoor Units			ARXM71A	AZAS100MV	AZAS100MY
Dimensions	Height x Width x Depth	mm	734 x 954 x 401	990 x 940 x 320	990 x 940 x 320
Weight		kg	49	72	72
Electrical Details	Power Supply		1ph	1ph	3ph
	Maximum Input Current (MCA)	A	14.93	21.7	14.4
	Max Fuse Size	A	16	25	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30	30
	Maximum Vertical Rise	m	20	30	30
	Precharged to	m	10	30	30
	Additional charge	g/m	35	N/A	N/A
	Holding charge	kg	1.15	2.60	2.60
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	52	53/44	53/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	57/44	57/44
Sound Power (Cooling)		dBA	65	70	70
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-15/15.5	-15/15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.777	1.150	1.150

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,199.00**	**£1,295.00**	**£1,295.00**
Condensing Unit Trade Price	**£1,133.00**	**£1,392.00**	**£1,468.00**
Total System Price	**£2,332.00**	**£2,687.00**	**£2,763.00**

Notes & Features:

- Three fan speeds available
- Automatic airflow volume control based on difference between set and room temperature
- Dry programme: reduces humidity in the room
- Now with extended operating range (cooling) down to -10°C

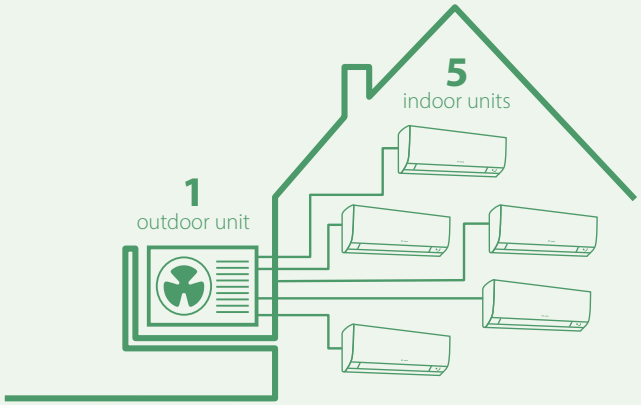


DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

Daikin Multi Split Systems

An economical all-in-one system that offers cooling, heating and hot water for all year round comfort.



Connecting up to five indoor units to one multi outdoor unit

1. Flexibility

There are many benefits to choosing a Daikin Multi Split system:

Up to five indoor units connectable to **only one outdoor** unit

A **wide variety** of connectable indoor units to choose from our split and Sky Air series

Are you planning an additional indoor unit later on? Choose an outdoor unit with higher capacity **now**, and simply connect the indoor unit **later**.

Every single indoor unit can be **regulated separately**

Use **low capacity** indoor units specially designed for small rooms which can only be connected to a multi split system

Ultimate flexibility for all conditions. Heating can be provided down to -20°C and Cooling up to 50°C.

2. Efficiency

The highly efficient inverter-driven compressors only produce the necessary capacity based on the number of indoor units that are switched on. With efficiencies up to A+++* in heating, high energy savings are achieved.

up to A+++ in heating

up to A+++ in cooling

*Perfera C/FTXM-A in combination with 3MXM52A8

3. Easy installation, piping and wiring

The Multi Split systems are easy to install. Only one outdoor unit is required to connect to different indoor units. With a level difference of up to 15m between outdoor and indoor units, maximum pipe runs of 75m are possible. To prevent a mismatch of the wiring and the piping, the Multi split has a wiring error check.

4. Limited mounting space and low sound

Daikin High-End Multi is compact, suitable for mounting on external walls or the floor with limited disruption. Sound pressures as low as 46dBA (From 1m away) allow for installation in even the most sensitive of areas. The Night Quiet mode helps to reduce the operating sound at nighttime based on a preset schedule. Due to a specific software, the 2MXM40-50A9 and 3MXM40-52A9 can reduce the sound power by 6dB(A) if combined with Emura (FTXJ-AW/S/B9), Stylish (FTXA-CW/S/B) or Perfera (FTXM-A) indoor units.

5. Control the units remotely

All indoor units are individually controlled by a remote control or via the Onecta app. The Daikin Onecta app enables scheduling, controlling and monitoring of each air-to-air heat pump unit as well as control and monitoring of the domestic hot water tank – via voice control. Onecta is compatible with Amazon Alexa and Google Assistant.



DAIKIN

amazon alexa

works with the Google Assistant

Multi +

EKHWETU120BV3 / 4MWXM-A9
CKHWSU230BV3/ 5MWXM-A9

A single system for hot water, heating and cooling

- New design look for outdoor unit
- Seasonal efficiency values up to A+++ in cooling and A++ for heating
- Domestic hot water tank available in 120l (wall-hung) and 230l (floor-standing)
- Up to four indoor units can be connected to one multi outdoor unit, further rooms are possible if ducted units are installed combined with Easyzone.
- All indoor units are individually controllable and do not need to be installed in the same room, or at the same time. They operate simultaneously within the same heating or cooling mode

NOTE:

- **Wall hung tank** always requires a pressure relief valve to be ordered separately via G3 Kit ref CKUHW18G3
- **Wall hung tank** may require reinforced walls due to full weight
- **Floor standing tank** always requires a pressure relief valve to be ordered separately via G3 Kit ref EKUHWG3D

Accessories:

Accessory Ref	Description	Trade Price
CKUHW18G3	G3 Kit for 120ltr DHW Tank	**£215.00**
EKUHWG3D	G3 Kit for 230ltr DHW Tank	**£215.00**
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	**£73.00**
K.DT2	Condensate drip tray for use with K.CWB140-2	**£94.00**
K.FF600S	Two flexi-feet (Standard) to mount the outdoor unit	**£73.00**
K.CGM	Condensing unit guard size (1150 x 1150 x 650)	**£490.00**

Domestic Hot Water Tank			EKHWETU120BV3	CKHWSU230BV3
Mounting			Wall	Floor
Casing	Colour		White / Black	White / Black
	Material		Sheet metal / Acrylonitrile Butadiene Styrene	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1283 x 510 x 570	1855 x 595 x 634
Weight	Empty	kg	47	115
	Full Weight	kg	165	345
Tank	Water Volume	l	118	230
	Material		Enamel coated steel acc. DIN4753TL2	Stainless Steel
	Maximum Water Temperature	°C	75	65
	Maximum water pressure	bar	7	10
	Heat Loss	kWh/24h	1.5	1.8
	Energy efficiency class		A	A+
Heat Exchanger	Material		Aluminium	-
	Operating Pressure	bar	42	-
Booster / Backup Heater	Capacity	kW	1.2	1.5
	Maximum running current	A	5.2	6.5
	Recommended Fuse Size	A	10	10
Hydraulic Connection	Cold Water in	inches (mm)	1/2 (12.7)	3/4 (19.0)
	Hot Water out	inches (mm)	1/2 (12.7)	3/4 (19.0)
Refrigerant Connections	Liquid / Gas	inches (mm	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 5/8 (15.9)
Condensing Unit Trade Price			**£1,731.00**	**£2,266.00**



EKHWETU-BV3



CKHWSU-BV3

Outdoor Units			4MWXM52A9	5MWXM68A9	5MWXM90A9
Capacity	Nominal Cooling	kW	5.2	6.8	9.0
	Nominal Heating	kW	6.8	8.6	10.0
Dimensions	Height x Width x Depth	mm	734 x 974 x 401	734 x 1044 x 408	734 x 1044 x 408
Weight		kg	60	69	73
Electrical Details	Power Supply	Phase	1ph	1ph	1ph
		Hz	50	50	50
		V	220-240	220-240	220-240
	Maximum Input Current (MCA)	A	14.59*	17.36	21.70
	Max Fuse Size	A	20*	32	32
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32
	Refrigerant Charge	kg	2.20	2.00	2.40
Sound Pressure (Cooling)	Nominal	dBA	46	48	52
Sound Power (Cooling)	Nominal	dBA	59	61	64
Piping Limits	Max. Length (OU- IU)	m	25	25	25
	Max. Level Difference (IU- IU)	m	7.5	7.5	7.5
	Max. Level Difference (IU- OU)	m	15	15	15
	Total piping length (Actual)	m	50	60	75
Piping Connections	Liquid	inches (mm)	4x 1/4 (6.4)	5x 1/4 (6.4)	5x 1/4 (6.4)
	Gas	inches (mm)	2x 3/8 (9.5)	2x 3/8 (9.5)	1x 3/8 (9.5)
			2x 1/2 (12.7)	2x 1/2 (12.7)	1x 1/2 (12.7)
			-	1x 5/8 (15.9)	3x 5/8 (15.9)
Operating range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 46	-10 / 46
Operating range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18
Number of Connected Indoor Units			3	4	4
Air Flow Rate (Cooling)	Nominal	m³/min	0.700	0.950	0.980
Condensing Unit Trade Price			**£1,923.00**	**£2,852.00**	**£3,424.00**

*Only for wall mounted indoor units and floor units (FVXM-B), otherwise MCA is 16.27A with MFA 20A



4-5MWXM-A9





Connectable Indoor Units	Wall mounted																				Floor standing				Roundflow cassette			Fully flat cassette				Concealed ceiling												Ceiling suspended			Concealed floor standing				DHW tanks	
	FTXJ-A(W/S/B)9					C/FTXA-CW/S/B/DG/C/P/Y/L						C/FTXM-A						FTXP-N9			C/FVXM-B				FCAG-B			FFA-A9				FDXM-F9				FBA-A9								FHA-A9			FNA-A9				EKHWETU-BV3	CKHWSU-BV3
	20	25	35	42	50	15	20	25	35	42	50	15	20	25	35	42	50	20	25	35	20	25	35	50	35	50	60	25	35	50	60	25	35	50	60	35	50	60	71	100	125	35	50	60	25	35	50	60	120	230
4MWXM52A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●	●	●		●	●	●*	●*			●	●		●	●	●		●	
5MWXM68A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●*	●*		●	●	●	●	●	●	●		●
5MWXM90A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●*	●*	●*	●	●	●	●	●	●	●		●

You have to connect more than one indoor unit with an outdoor unit except for the FBA60A9, FBA71A9, FBA100A9 and FBA125A9. * Only one indoor unit connection allowed.

R-32 BLUEVOLUTION

MXM-A9/A8

Multi Series

Multi Series R-32 Inverters offer the ability to connect up to five fan coils to one outdoor unit. With the MXM range it is possible to install indoor units throughout a house or small commercial premises and only use one outdoor unit. Each indoor unit will have its own controller and will be able to operate in heating and cooling modes.

Replacement Technology





DAIKIN onecta

Accessories:

Accessory Ref	Description	Trade Price
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	**£73.00**
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	**£55.00**
K.DT1	Condensate drip tray for use with K.CWB90-2	**£85.00**
K.DT2	Condensate drip tray for use with K.CWB140-2	**£94.00**
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	**£73.00**
K.CGM	Condensing unit guard size (1150 x 1150 x 650)	**£490.00**
K.CGL	Condensing unit guard size (1450 x 1150 x 650)	**£586.00**

Combination table

Connectable Indoor Units	Wall mounted																				Floor Standing				Roundflow cassette			Fully flat cassette				Concealed ceiling								Ceiling suspended				Concealed floor standing			
	FTXJ-AW9/S9/B9					C/FTXA-CW/S/B						C/FTXM-A							FTXP-N9			C/FVXM-B				FCAG-B			FFA-A9				FDXM-F9				FBA-A9				FHA-A9				FNA-A9			
	20	25	35	42	50	15	20	25	35	42	50	15	20	25	35	42	50	60	71	20	25	35	20	25	35	50	35	50	60	25	35	50	60	25	35	50	60	35	50	60	35	50	60	25	35	50	60
2MXM40A9	●	●	●			●	●	●	●			●	●	●	●					●	●	●	●	●	●								●	●													
2MXM50A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●				●	●	●		●	●	●											
2MXM68A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3MXM40A8	●	●	●			●	●	●	●			●	●	●	●					●	●	●	●	●	●		●			●	●			●	●			●			●			●	●		
3MXM52A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●		●	●	●		●	●	●		●	●		●	●	●	●	●	●	
3MXM68A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM68A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM80A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXM90A8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

WI-FI built-in | **WI-FI adapter available as an option**

Notes:

- 2MXM40A9-50A8 and 3MXM40-52A8 can apply "Low Noise Operation Mode" to reduce condenser sound power by 6dB(A) if combined with Emura (FTXJ), Stylish (FTXA) or Perfera (FTXM) indoor units

Outdoor Units			2MXM40A9	2MXM50A8	2MXM68A8	3MXM40A8	3MXM52A8	3MXM68A8	4MXM68A8	4MXM80A8	5MXM90A8
Capacity	Nominal Cooling	kW	4.0	5.0	6.8	4.0	5.2	6.8	6.8	8.0	9.0
	Nominal Heating	kW	4.2	5.6	8.6	4.6	6.8	8.6	8.6	9.6	10.0
Dimensions	Height x Width x Depth	mm	552 x 852 x 350	552 x 852 x 350	734 x 974 x 408	734 x 974 x 408	734 x 974 x 408	734 x 974 x 408	734 x 974 x 408	734 x 974 x 408	734 x 974 x 408
Weight		kg	36	41	60	57	57	62	63	67	68
Electrical Details	Power Supply	Phase	1ph	1ph	1ph	1ph	1ph	1ph	1ph	1ph	1ph
		Hz	50	50	50	50	50	50	50	50	50
		V	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240
	Maximum Input Current (MCA)	A	9.8	12.94	16.94	14.31	14.59	17.19	17.36	17.04	21.70
	Max Fuse Size	A	16	16	20	16	20	20	20	25	25
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
	Refrigerant Charge	kg	0.88	1.15	2.00	1.80	1.80	2.00	2.00	2.40	2.40
Sound Pressure (Cooling)	Nom	dBA	46	48	48	46	46	48	48	48	52
Sound Power (Cooling)		dBA	60	60	61	59	59	61	61	61	64
Piping Limits	Max. Length (OU- IU)	m	20	20	25	25	25	25	25	25	25
	Max. Level Difference (IU- IU)	m	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	Max. Level Difference (IU- OU)	m	15	15	15	15	15	15	15	15	15
	Total piping length (Actual)	m	30	30	50	50	50	50	60	70	75
Piping Connections	Liquid	inches (mm)	2x 1/4 (6.4)	2x 1/4 (6.4)	2x 1/4 (6.4)	3x 1/4 (6.4)	3x 1/4 (6.4)	3x 1/4 (6.4)	4x 1/4 (6.4)	4x 1/4 (6.4)	5x 1/4 (6.4)
	Gas	inches (mm)	2x 3/8 (9.5)	1x 3/8 (9.5)	1x 3/8 (9.5)	1x 3/8 (9.5)	1x 3/8 (9.5)	1x 3/8 (9.5)	2x 3/8 (9.5)	1x 3/8 (9.5)	2x 3.8 (9.5)
				1x 1/2 (12.7)	1x 1/2 (12.7)	2x 1/2 (12.7)	2x 1/2 (12.7)	2x 1/2 (12.7)	2x 1/2 (12.7)	1x 1/2 (12.7)	1x 1/2 (12.7)
										2x 5/8 (15.9)	2x 5/8 (15.9)
Operating range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating range (Heating)	Min / Max	°CWB	-15 / 18	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24
Number of Connected Indoor Units			2	2	2	3	3	3	4	4	5
Air Flow Rate (Cooling)	Nom	m^3/sec	0.550	0.567	0.708	0.700	0.700	0.708	0.708	0.753	0.817
Condensing Unit Trade Price			**£1,581.00**	**£1,749.00**	**£2,098.00**	**£1,648.00**	**£1,831.00**	**£2,594.00**	**£2,796.00**	**£3,148.00**	**£3,424.00**

R-32 BLUEVOLUTION

Multi Split Fan Coils

Multi Split Selection Tool



Select and configure your Multi Split System now



Watch short video

Full range of connectable Indoor unit specification details are available in the commercial price book only, includes the cassettes and ceiling suspended, which are typically used in commercial environments.

Features:

- Quick and easy selection in 7 steps
- Adjust design conditions
- Manage project portfolios
- Create reports with technical and commercial information
- Requires Daikin Single Sign-on ID

Emura Wall Mounted Fan Coil Units	FTXJ20AW9	FTXJ25AW9	FTXJ35AW9	FTXJ42AW9	FTXJ50AW9	FTXJ20AB9	FTXJ25AB9	FTXJ35AB9	FTXJ42AB9	FTXJ50AB9
Trade Fan Coil Unit Price	£470.00	£494.00	£555.00	£627.00	£731.00	£516.00	£543.00	£609.00	£687.00	£805.00



Emura Wall Mounted Fan Coil Units	FTXJ20AS9	FTXJ25AS9	FTXJ35AS9	FTXJ42AS9	FTXJ50AS9
Trade Fan Coil Unit Price	£561.00	£590.00	£660.00	£746.00	£870.00



Stylish Wall Mounted Fan Coil Units	CTXA 15CW	FTXA 20CW	FTXA 25CW	FTXA 35CW	FTXA 42CW	FTXA 50CW	CTXA 15CB	FTXA 20CB	FTXA 25CB	FTXA 35CB	FTXA 42CB	FTXA 50CB
Trade Fan Coil Unit Price	£395.00	£447.00	£471.00	£529.00	£597.00	£697.00	£432.00	£491.00	£517.00	£580.00	£655.00	£764.00



Stylish Wall Mounted Fan Coil Units	CTXA 15CS	FTXA 20CS	FTXA 25CS	FTXA 35CS	FTXA 42CS	FTXA 50CS
Trade Fan Coil Unit Price	£471.00	£534.00	£562.00	£629.00	£710.00	£831.00



Wall Mounted Perfera Wall Fan Coil Units	CTXM15A	FTXM20A	FTXM25A	FTXM35A	FTXM42A	FTXM50A	FTXM60A	FTXM71A
Trade Fan Coil Unit Price	£227.00	£235.00	£253.00	£289.00	£324.00	£448.00	£456.00	£606.00



Wall Mounted Comfora Fan Coil Units	FTXP20N9	FTXP25N9	FTXP35N9
Trade Fan Coil Unit Price	£171.00	£191.00	£215.00



Perfera Floor Standing Units	CVXM20B*	FVXM25B	FVXM35B	FVXM50B
Trade Fan Coil Unit Price	£827.00	£888.00	£958.00	£1,047.00

*only combinable with MXM-A9 multi split outdoor units



Compact Roundflow Cassette Fan Coil Units	FCAG35B	FCAG50B	FCAG60B
Trade Fan Coil Unit Price	£1,108.00	£1,130.00	£1,199.00



600 x 600 Fully Flat Cassette Fan Coil Units	FFA25A9	FFA35A9	FFA50A9	FFA60A9
Trade Fan Coil Unit Price	£1,039.00	£1,132.00	£1,243.00	£1,311.00



Ceiling Suspended Fan Coil Units	FHA35A9	FHA50A9	FHA60A9
Trade Fan Coil Unit Price	£1,067.00	£1,156.00	£1,268.00



Concealed Ceiling Fan Coil Units	FBA35A9	FBA50A9	FBA60A9
Trade Fan Coil Unit Price	£830.00	£873.00	£963.00



Slim Concealed Ceiling Fan Coil Units	FDXM25F9	FDXM35F9	FDXM50F9	FDXM60F9
Trade Fan Coil Unit Price	£641.00	£713.00	£772.00	£845.00



Concealed Floor Standing Units	FNA25A9	FNA35A9	FNA50A9	FNA60A9
Trade Fan Coil Unit Price	£659.00	£811.00	£943.00	£1,035.00



Notes:

i) Accessories for fan coils - refer to pair system pages

ii) All fan coil units standard with auto restart after power failure

iii) All fan coil units supplied as standard with remote controller

iv) FDXM-F9 fan coil units supplied as standard with air filter

v) One wifi adaptor per fan coil for online control

R-32 BLUEVOLUTION sensira

FTXF-F / 2/3MXF-B

Multi model application



FTXF-F

Built in Wi-Fi as standard

Replacement Technology



2MXF40-50B



3MXF52-68B

Accessories:

Accessory Ref	Description	Trade Price
BRC073	Optional wired remote controller BRC1E53A style - Connection cable required	**£124.00**
KRP980A1	Interface adaptor for wired remote controller BRC073 - for class 20-50	**£76.00**
BRCW901A03	3m connection cable for BRC073	**£17.00**
BRCW901A08	8m connection cable for BRC073	**£31.00**
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	**£53.00**
K.DT1	Condensate drip tray for use with K.CWB90-2	**£82.00**
K.FF600S	Two flexi-feet (Standard) to mount the outdoor unit	**£70.00**
K.CGM	Condensing unit guard size (1150 x 1150 x 650)	**£471.00**

Indoor Units			FTXF20F	FTXF25F	FTXF35F	FTXF42F
Capacity	UK Total Cooling	kW	1.95	2.44	3.22	4.07
	UK Sensible Cooling	kW	1.69	1.94	2.35	2.97
	Nominal Cooling	kW	2.00	2.50	3.30	4.20
	Nominal Heating	kW	2.40	2.80	3.80	4.30
Air Flow Rate (Cooling)	High / Medium / Low / Silent	m^3/sec	0.163 / 0.133	0.167 / 0.133	0.192 / 0.133	0.210 / 0.150
			0.100 / 0.072	0.103 / 0.072	0.107 / 0.073	0.115 / 0.082
Dimensions	Height	mm	286	286	286	286
	Width	mm	770	770	770	770
	Depth	mm	225	225	225	225
Weight		kg	8	8	8.5	9
Sound Pressure (Cooling)	High / Medium / Low / Silent	dBA	39/33/25/20	40/33/26/20	43/34/27/20	45/36/30/22
Sound Pressure (Heating)	High / Medium / Low / Silent	dBA	39/34/28/21	40/34/28/21	40/35/29/21	44/34/28/22
Sound Power (Cooling)		dBA	53	54	54	59
Indoor Unit Trade Price			**£125.00**	**£135.00**	**£157.00**	**£187.00**

Indoor Units		FTXF20F	FTXF25F	FTXF35F	FTXF42F
Outdoor Units	2MXF40B	●	●	●	
	2MXF50B	●	●	●	
	3MXF52B	●	●	●	●
	3MXF68B	●	●	●	●

Outdoor Units			2MXF40B	2MXF50B	3MXF52B	3MXF68B
Capacity	Nominal Cooling	kW	4.0	5.0	5.2	6.8
	Nominal Heating	kW	4.2	5.6	6.8	8.6
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	734 x 958 x 340	734 x 958 x 340
Weight		kg	36	41	57	62
Electrical Details	Power Supply	Phase	1ph	1ph	1ph	1ph
		Hz	50	50	50	50
		V	220-240	220-240	220-240	220-240
	Maximum Input Current (MCA)	A	9.8	12.83	14.59	17.19
	Max Fuse Size	A	16	16	16	20
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32	R-32
	Refrigerant Charge	kg	0.88	1.15	1.80	2.00
Sound Pressure (Cooling)	Nom	dBA	46	48	46	48
Sound Power (Cooling)		dBA	48	50	47	48
Piping Limits	Max. Length (to 1 unit)	m	20	20	25	25
	Max. Level Difference (IU- OU)	m	15	15	15	15
	Total piping length (Actual)	m	30	30	50	50
Piping Connections	Liquid	inches (mm)	2x 1/4 (6.4)	2x 1/4 (6.4)	3x 1/4 (6.4)	3x 1/4 (6.4)
	Gas	inches (mm)	2x 3/8 (9.5)	2x 3/8 (9.5)	3x 3/8 (9.5)	3x 3/8 (9.5)
Operating range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 46	-10 / 46	-10 / 46
Operating range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Number of Connected Indoor Units			2	2	3	3
Air Flow Rate (Cooling)	Nom	m^3/sec	0.600	0.617	0.700	0.708
Condensing Unit Trade Price			**£865.00**	**£918.00**	**£1,265.00**	**£1,399.00**

Notes & Features:

- Seasonal efficiency values up to A++ in cooling and A++ in heating thanks to its modern technology and built-in intelligence
- Up to 3 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode
- Fan coils are supplied with controller ARC480A93
- Built in Wi-Fi as standard
- Whisper-quiet in operation down to 20 dBA
- The unit's compact dimensions make it ideal for renovation projects, especially for above door installation
- Space-saving contemporary wall-mounted design
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency



DAIKIN onecta

R-32 BLUEVOLUTION

SkyAir Alpha-series

FCAG-B / RZAG-B

Compact Roundflow Cassette – Mini Sky Air





Replacement Technology

50m PIPE RUN

Accessories:

Accessory Ref	Description	Trade Price
BYCQ140E	Decoration panel - White - Standard	£235.00
BYCQ140EB	Decoration panel - Black - Standard (RAL 9005)	£260.00
BYCQ140EW	Decoration Panel - Full White - Standard (RAL 9010)	£266.00
BYCQ140EP	Decoration Panel - Designer - Full White (RAL 9010)	£447.00
BYCQ140EPB	Decoration Panel - Designer - Full Black (RAL 9005)	£491.00
BYCQ140EGF	Auto Cleaning Deco Panel - White (RAL 9010)	£513.00
BYCQ140EGFB	Auto Cleaning Deco Panel - Black (RAL 9005)	£563.00
BAEF125AWB	UV Streamer Kit collar (more info in IAQ section)	£579.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
EWHAR1	Extension wire - Required if Wifi Adaptor and Auto Cleaning panel are installed together	£13.00
BRC7FA532F	Wireless remote controller - White	£253.00
BRC7FA532FB	Wireless remote controller - Black	£253.00
BRYQ140B	Integral PIR sensor for roundflow decoration panel (for white panel)	£162.00
BRYQ140BB	Integral PIR sensor for roundflow decoration panel (for black panel)	£178.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-5B	Remote room mounted temperature sensor	£138.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
SB.K.RSS_RFC	Wireless room mounted temperature sensor and receiver	£164.00
KDBHQ56B140	Sealing member for air discharge outlet	£148.00
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)	£191.00
KDDP55D160-2	Fresh air intake kit for up to 20% fresh air (Part 2)	£204.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FCAG35B	FCAG50B	FCAG60B
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.53	3.26	3.78
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.5	5.0	5.7
	SEER		7.30	6.80	6.60
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	3.3	4.30	4.60
	SCOP		4.30	4.30	4.25
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.215 / 0.177 / 0.147	0.243 / 0.197 / 0.157	0.248 / 0.203 / 0.160
Dimensions (with Decoration Panel)	Height	mm	204 (269)	204 (269)	204 (269)
	Width	mm	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	18 (23.5)	19 (24.5)	19 (24.5)
Sound Pressure (Cooling)	High / Med / Low	dBA	31 / 29 / 27	31 / 29 / 27	33 / 31 / 28
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 29 / 27	31 / 29 / 27	33 / 31 / 28
Sound Power (Cooling)		dBA	49	49	51

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.918	0.918	0.918
Meets ETL criteria			●	●	●

Indoor Unit Trade Price (Includes: BRC1H52W7 + BYCQ140E)	**£1,108.00**	**£1,130.00**	**£1,199.00**
Condensing Unit Trade Price	**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price	**£2,302.00**	**£2,587.00**	**£2,795.00**



RZAG35-60B



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

FCAG-B / RXM-A

Compact Roundflow Cassette – Perfera Condenser



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BYCQ140E	Decoration panel - White - Standard	£235.00
BYCQ140EB	Decoration panel - Black - Standard (RAL 9005)	£260.00
BYCQ140EW	Decoration Panel - Full White - Standard (RAL 9010)	£266.00
BYCQ140EP	Decoration Panel - Designer - Full White (RAL 9010)	£447.00
BYCQ140EPB	Decoration Panel - Designer - Full Black (RAL 9005)	£491.00
BYCQ140EGF	Auto Cleaning Deco Panel - White (RAL 9010)	£513.00
BYCQ140EGFB	Auto Cleaning Deco Panel - Black (RAL 9005)	£563.00
BAEF125AWB	UV Streamer Kit collar (more info in IAQ section)	£579.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
EWHAR1	Extension wire - Required if Wifi Adaptor and Auto Cleaning panel are installed together	£13.00
BRC7FA532F	Wireless remote controller - White	£253.00
BRC7FA532FB	Wireless remote controller - Black	£253.00
BRYQ140B	Integral PIR sensor for roundflow decoration panel (for white panel)	£162.00
BRYQ140BB	Integral PIR sensor for roundflow decoration panel (for black panel)	£178.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-5B	Remote room mounted temperature sensor	£138.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
SB.K.RSS_RFC	Wireless room mounted temperature sensor and receiver	£164.00
KDBHQ56B140	Sealing member for air discharge outlet	£148.00
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)	£191.00
KDDP55D160-2	Fresh air intake kit for up to 20% fresh air (Part 2)	£204.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FCAG35B	FCAG50B	FCAG60B
Capacity	UK Total Cooling	kW	3.32	4.89	5.57
	UK Sensible Cooling	kW	2.28	3.25	3.68
	Nominal Cooling	kW	3.4	5.0	5.7
	Nominal Heating	kW	4.2	6.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.5	5.0	5.7
	SEER		6.35	6.46	6.40
	Annual Energy Consumption	kWh	193	271	312
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A+	A+
	Pdesign	kW	3.32	4.36	4.71
	SCOP		4.9	4.26	4.2
	Annual Energy Consumption	kWh	948	1433	1569
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.215 / 0.177 / 0.147	0.243 / 0.197 / 0.157	0.248 / 0.203 / 0.160
Dimensions (with Decoration Panel)	Height	mm	204 (269)	204 (269)	204 (269)
	Width	mm	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	18 (23.5)	19 (24.5)	19 (24.5)
Sound Pressure (Cooling)	High / Med / Low	dBA	31 / 29 / 27	31 / 29 / 27	33 / 31 / 28
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 29 / 27	31 / 29 / 27	33 / 31 / 28
Sound Power (Cooling)		dBA	49	49	51
Outdoor Units			**RXM35A9**	**RXM50A8**	**RXM60A**
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401
Weight		kg	36	40	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	12.69	14.76
	Max Fuse Size	A	13	13	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional charge	g/m	20	20	20
	Holding charge	kg	0.95	0.95	1.15
Sound Pressure (Cooling)	Nominal	dBA	47	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49
Sound Power (Cooling)		dBA	58	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.652	0.967	0.777
Meets ETL criteria				●	●
Indoor Unit Trade Price (Includes: BRC1H52W7 + BYCQ140E)			**£1,108.00**	**£1,130.00**	**£1,199.00**
Condensing Unit Trade Price			**£840.00**	**£1,054.00**	**£1,121.00**
Total System Price			**£1,948.00**	**£2,184.00**	**£2,320.00**



RXM60A



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FCAHG-H / RZAG-N

High COP Roundflow Cassette – Alpha



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BYCQ140E	Decoration panel - White - Standard	£235.00
BYCQ140EB	Decoration panel - Black - Standard (RAL 9005)	£260.00
BYCQ140EW	Decoration Panel - Full White - Standard (RAL 9010)	£266.00
BYCQ140EP	Decoration Panel - Designer - Full White (RAL 9010)	£447.00
BYCQ140EPB	Decoration Panel - Designer - Full Black (RAL 9005)	£491.00
BYCQ140EGF	Auto Cleaning Deco Panel - White (RAL 9010)	£513.00
BYCQ140EGFB	Auto Cleaning Deco Panel - Black (RAL 9005)	£563.00
BAEF125AWB	UV Streamer Kit collar (more info in IAQ section)	£579.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
EWHAR1	Extension wire - Required if Wifi Adaptor and Auto Cleaning panel are installed together	£13.00
BRC7FA532F	Wireless remote controller - White	£253.00
BRC7FA532FB	Wireless remote controller - Black	£253.00
BRYQ140B	Integral PIR sensor for roundflow decoration panel (for white panel)	£162.00
BRYQ140BB	Integral PIR sensor for roundflow decoration panel (for black panel)	£178.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-5B	Remote room mounted temperature sensor	£138.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
SB.K.RSS_RFC	Wireless room mounted temperature sensor and receiver	£164.00
KDBHQ56B140	Sealing member for air discharge outlet	£148.00
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)	£191.00
KDDP55D160-2	Fresh air intake kit for up to 20% fresh air (Part 2)	£204.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			Single Phase				3 Phase			
			FCAHG71H	FCAHG100H	FCAHG125H	FCAHG140H	FCAHG71H	FCAHG100H	FCAHG125H	FCAHG140H
Capacity	UK Total Cooling	kW	7.76	10.85	13.6	14.93	7.76	10.85	13.6	14.93
	UK Sensible Cooling	kW	5.32	7.44	9.30	10.25	5.32	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	SEER		7.90	7.70	8.02	7.93	7.90	7.70	8.02	7.93
	ηs,c	%	-	-	318	314	-	-	318	314
	Annual Energy Consumption	kWh	301	432	905	1014	301	432	905	1014
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	4.70	9.52	9.52	9.52	4.70	9.52	9.52	9.52
	SCOP		4.61	4.75	4.53	4.44	4.61	4.75	4.53	4.44
	ηs,h	%	-	-	178	175	-	-	178	175
	Annual Energy Consumption	kWh	1427	2805	2942	3002	1427	2805	2942	3002
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.393 / 0.313 / 0.228	0.537 / 0.428 / 0.318	0.573 / 0.455 / 0.353	0.573 / 0.455 / 0.353	0.393 / 0.313 / 0.228	0.537 / 0.428 / 0.318	0.573 / 0.455 / 0.353	0.573 / 0.455 / 0.353
Dimensions (with Decoration Panel)	Height	mm	288 (353)	288 (353)	288 (353)	288 (353)	288 (353)	288 (353)	288 (353)	288 (353)
	Width	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	25 (30.5)	25 (30.5)	25 (30.5)	25 (30.5)	25 (30.5)	25 (30.5)	25 (30.5)	25 (30.5)
Sound Pressure (Cooling)	High / Med / Low	dBA	36 / 33 / 29	44 / 39 / 33	45 / 40 / 35	45 / 41 / 37	36 / 33 / 29	44 / 39 / 33	45 / 40 / 35	45 / 41 / 37
Sound Pressure (Heating)	High / Med / Low	dBA	36 / 33 / 29	44 / 39 / 33	45 / 40 / 35	45 / 41 / 37	33 / 31 / 28	44 / 39 / 33	45 / 40 / 35	45 / 41 / 37
Sound Power (Cooling)		dBA	53	61	61	61	53	61	61	61

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG140NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1	RZAG140NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	95	95	81	85	95	95
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.7	22.2	27.5	27.5	11.1	14.9	15.0	15.0
	Max Fuse Size	A	20	32	32	32.0	16.0	16.0	16.0	16.0
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional charge	g/m	35	35	35	35	35	35	35	35
	Holding charge	kg	3.2	3.2	3.7	3.7	3.2	3.2	3.7	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	50 / 48	46 / 44	47 / 45	49 / 47	50 / 48
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	52 / 48	48 / 44	50 / 45	52 / 47	52 / 48
Sound Power (Cooling)		dBA	64	66	69	70	64	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	1.133	1.117	1.333	1.450	1.133	1.117	1.333	1.450
Meets ETL criteria			●	●	●	●	●	●	●	●
Indoor Unit Trade Price (Includes: BRC1H52W7 + BYCQ140E)			**£1,268.00**	**£1,433.00**	**£1,563.00**	**£1,873.00**	**£1,268.00**	**£1,433.00**	**£1,563.00**	**£1,873.00**
Condensing Unit Trade Price			**£1,888.00**	**£2,395.00**	**£2,637.00**	**£3,010.00**	**£1,945.00**	**£2,506.00**	**£2,758.00**	**£3,170.00**
Total System Price			**£3,156.00**	**£3,828.00**	**£4,200.00**	**£4,883.00**	**£3,213.00**	**£3,939.00**	**£4,321.00**	**£5,043.00**



RZAG71-140N



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Advance-series

FCAG-B / RZASG-M

Compact Roundflow Cassette – Advance



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BYCQ140E	Decoration panel - White - Standard	£235.00
BYCQ140EB	Decoration panel - Black - Standard (RAL 9005)	£260.00
BYCQ140EW	Decoration Panel - Full White - Standard (RAL 9010)	£266.00
BYCQ140EP	Decoration Panel - Designer - Full White (RAL 9010)	£447.00
BYCQ140EPB	Decoration Panel - Designer - Full Black (RAL 9005)	£491.00
BYCQ140EGF	Auto Cleaning Deco Panel - White (RAL 9010)	£513.00
BYCQ140EGFB	Auto Cleaning Deco Panel - Black (RAL 9005)	£563.00
BAEF125AWB	UV Streamer Kit collar (more info in IAQ section)	£579.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
EWHAR1	Extension wire - Required if Wifi Adaptor and Auto Cleaning panel are installed together	£13.00
BRC7FA532F	Wireless remote controller - White	£253.00
BRC7FA532FB	Wireless remote controller - Black	£253.00
BRYQ140B	Integral PIR sensor for roundflow decoration panel (for white panel)	£162.00
BRYQ140BB	Integral PIR sensor for roundflow decoration panel (for black panel)	£178.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-5B	Remote room mounted temperature sensor	£138.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
SB.K.RSS_RFC	Wireless room mounted temperature sensor and receiver	£164.00
KDBHQ56B140	Sealing member for air discharge outlet	£148.00
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)	£191.00
KDDP55D160-2	Fresh air intake kit for up to 20% fresh air (Part 2)	£204.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			Single Phase				3 Phase		
			FCAG71B	FCAG100B	FCAG125B	FCAG140B	FCAG100B	FCAG125B	FCAG140B
Capacity	UK Total Cooling	kW	7.28	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	-	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		6.47	6.55	5.76	6.53	6.55	5.76	6.53
	ηs,c	%	-	-	227	258	-	227	258
	Annual Energy Consumption	kWh	368	507	1261	1231	507	1261	1231
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	-	-	A+	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.10	4.17	4.05	4.31	4.17	4.05	4.31
	ηs,h	%	-	-	159	169	-	159	169
	Annual Energy Consumption	kWh	1537	2016	2074	2534	2016	2074	2534
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.393 / 0.313 / 0.228	0.537 / 0.428 / 0.318	0.573 / 0.455 / 0.353	0.573 / 0.455 / 0.353	0.537 / 0.428 / 0.318	0.573 / 0.455 / 0.353	0.573 / 0.455 / 0.353
Dimensions (with Decoration Panel)	Height	mm	204 (269)	246 (311)	246 (311)	246 (311)	246 (311)	246 (311)	246 (311)
	Width	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	21 (26.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 31 / 28	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29
Sound Pressure (Heating)	High / Med / Low	dBA	33 / 31 / 28	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29
Sound Power (Cooling)		dBA	51	54	58	58	54	58	58

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	78
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.4	21.5	27.8	27.0	14.2	14.6	14.6
	Max Fuse Size	A	20	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.933	1.150	1.183	1.267	1.150	1.183	1.267
Meets ETL criteria						●			●
Indoor Unit Trade Price (Includes: BRC1H52W7 + BYCQ140E)			**£1,268.00**	**£1,433.00**	**£1,563.00**	**£1,873.00**	**£1,433.00**	**£1,563.00**	**£1,873.00**
Condensing Unit Trade Price			**£1,300.00**	**£1,798.00**	**£1,971.00**	**£2,193.00**	**£1,854.00**	**£2,032.00**	**£2,261.00**
Total System Price			**£2,568.00**	**£3,231.00**	**£3,534.00**	**£4,066.00**	**£3,287.00**	**£3,595.00**	**£4,134.00**



RZASG71M RZASG100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Active-series

FCAG-B / AZAS-M / ARXM-A

Compact Roundflow Cassette – Active



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BYCQ140E	Decoration panel - White - Standard	£235.00
BYCQ140EB	Decoration panel - Black - Standard (RAL 9005)	£260.00
BYCQ140EW	Decoration Panel - Full White - Standard (RAL 9010)	£266.00
BYCQ140EP	Decoration Panel - Designer - Full White (RAL 9010)	£447.00
BYCQ140EPB	Decoration Panel - Designer - Full Black (RAL 9005)	£491.00
BYCQ140EGF	Auto Cleaning Deco Panel - White (RAL 9010)	£513.00
BYCQ140EGFB	Auto Cleaning Deco Panel - Black (RAL 9005)	£563.00
BAEF125AWB	UV Streamer Kit collar (more info in IAQ section)	£579.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
EWHAR1	Extension wire - Required if Wifi Adaptor and Auto Cleaning panel are installed together	£13.00
BRC7FA532F	Wireless remote controller - White	£253.00
BRC7FA532FB	Wireless remote controller - Black	£253.00
BRYQ140B	Integral PIR sensor for roundflow decoration panel (for white panel)	£162.00
BRYQ140BB	Integral PIR sensor for roundflow decoration panel (for black panel)	£178.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-5B	Remote room mounted temperature sensor	£138.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
SB.K.RSS_RFC	Wireless room mounted temperature sensor and receiver	£164.00
KDBHQ56B140	Sealing member for air discharge outlet	£148.00
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)	£191.00
KDDP55D160-2	Fresh air intake kit for up to 20% fresh air (Part 2)	£204.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			Single Phase				3 Phase		
			FCAG71B	FCAG100B	FCAG125B	FCAG140B	FCAG100B	FCAG125B	FCAG140B
Capacity	UK Total Cooling	kW	6.65	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.15	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A++	-	-	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.87	6.10	5.60	6.20	6.10	5.60	6.20
	ηs,c	%	-	-	213	237	-	213	237
	Annual Energy Consumption	kWh	405	543	1292	1296	543	1292	1296
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.00	3.85	3.80	4.31	3.85	3.80	4.31
	ηs,h	%	-	-	149	169	-	149	169
	Annual Energy Consumption	kWh	1575	2182	2211	2534	2182	2211	2534
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.393 / 0.313 / 0.228	0.537 / 0.428 / 0.318	0.573 / 0.455 / 0.353	0.573 / 0.455 / 0.353	0.537 / 0.428 / 0.318	0.573 / 0.455 / 0.353	0.573 / 0.455 / 0.353
Dimensions (with Decoration Panel)	Height	mm	204 (269)	246 (311)	246 (311)	246 (311)	246 (311)	246 (311)	246 (311)
	Width	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	21 (26.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 31 / 28	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29
Sound Pressure (Heating)	High / Med / Low	dBA	33 / 31 / 28	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29
Sound Power (Cooling)		dBA	51	54	58	58	54	58	58

Outdoor Units			ARXM71A	AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Height x Width x Depth	mm	734 x 954 x 401	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	49	72	72	79	72	72	79
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	14.93	21.5	27.8	27	14.2	14.6	14.6
	Max Fuse Size	A	16	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30	30	30	30	30	30
	Maximum Vertical Rise	m	20	30	30	30	30	30	30
	Precharged to	m	10	30	30	30	30	30	30
	Additional charge	g/m	35	N/A	N/A	N/A	N/A	N/A	N/A
	Holding charge	kg	1.15	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	52	53/44	53/44	54/44	53/44	53/44	54/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	57/44	57/44	57/44	57/44	57/44	57/44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.777	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7 + BYCQ140E)	**£1,268.00**	**£1,433.00**	**£1,563.00**	**£1,873.00**	**£1,433.00**	**£1,563.00**	**£1,873.00**
Condensing Unit Trade Price	**£1,133.00**	**£1,392.00**	**£1,562.00**	**£1,749.00**	**£1,468.00**	**£1,646.00**	**£1,844.00**
Total System Price	**£2,401.00**	**£2,825.00**	**£3,125.00**	**£3,622.00**	**£2,901.00**	**£3,209.00**	**£3,717.00**



ARXM71A AZAS100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

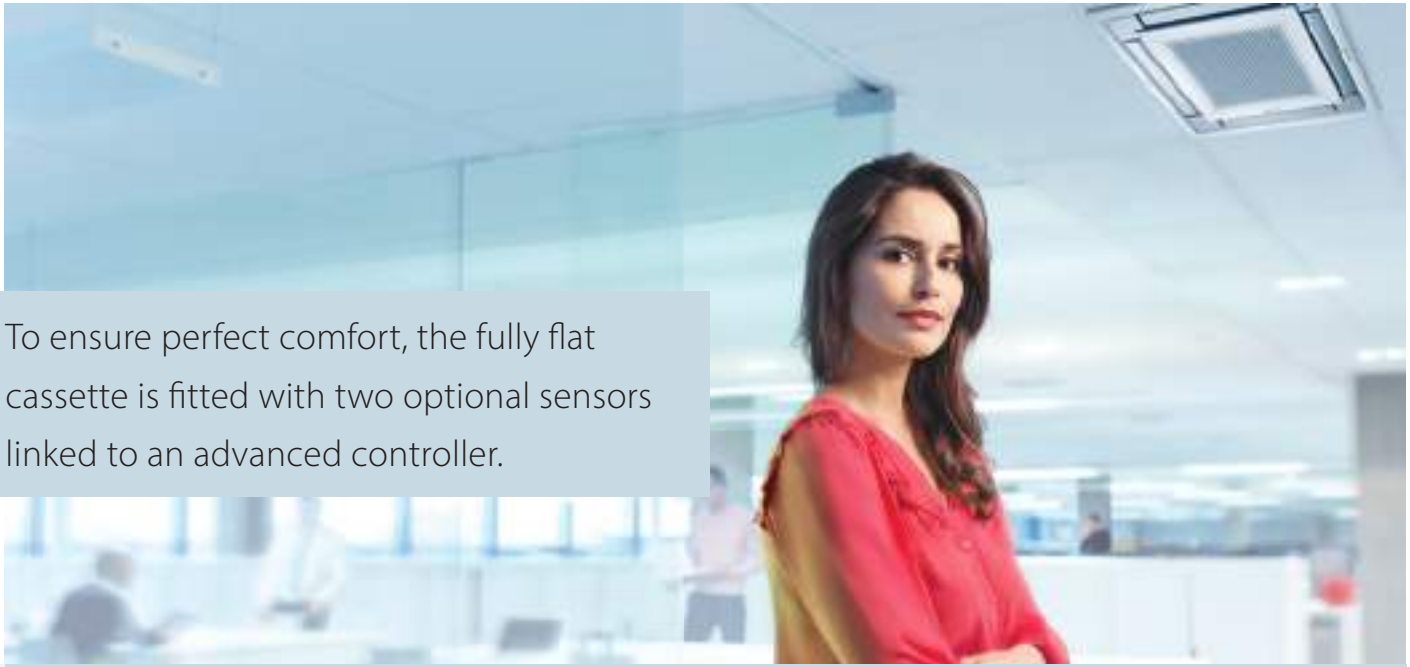
WI-FI ADAPTOR AVAILABLE AS AN OPTION

Fully Flat Cassette

FFA-A9

Why choose the fully flat cassette?

- Unique in the market
- Discreet unit that blends well with the existing ceiling grid
- Highest efficiency in the market
- SEER/SCOP A++/A+
- Supports your BREEAM requirements
- Quietest unit of its size on the market
- Easy installation through a single ceiling tile with no overlap of surrounding tiles



To ensure perfect comfort, the fully flat cassette is fitted with two optional sensors linked to an advanced controller.



Choice between grey or white panel

Watch the Fully Flat Cassette Video





Intelligent controller can switch off the unit if no one is present or redirects air flow away from people



Detects temperature difference and redirects the air flow to ensure even temperature distribution



If the room is empty, the set temperature can be adjusted or the unit switched off, saving energy



Allows you to select individual louvres to adjust layout of the room



Can be installed fully flat into the ceiling, leaving only 8mm visible



Integrates easily into the 600 x 600 ceiling tile, enabling lights, speakers and sprinklers to be installed in adjoining tiles

R-32 BLUEVOLUTION

SkyAir Alpha-series

FFA-A9 / RZAG-B

600x600 Fully Flat Cassette – Mini Sky Air



White



Silver

Replacement Technology

50m PIPE RUN

Accessories:

Accessory Ref	Description	Trade Price
BYFQ60CW	Fully Flat Cassette Decoration Panel - White	£329.00
BYFQ60B3	Fully Flat Cassette Decoration Panel - Old style (FFQ-B9V looks)	£282.00
BYFQ60CS	Fully Flat Cassette Decoration Panel - Silver	£329.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRC7EB530W	Wireless remote for fully flat cassette Old Style decoration panel	£253.00
BRC7F530S	Wireless remote controller for Silver ceiling decoration panel	£253.00
BRC7F530W	Wireless remote controller for White ceiling decoration panel	£253.00
BRYQ60AS	Integral PIR sensor for fully flat cassette Silver decoration panel. Enables energy saving functions	£162.00
BRYQ60AW	Integral PIR sensor for fully flat cassette White decoration panel. Enables energy saving functions	£162.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP1B57 and UK.FB2	Adaptor PCB for Interlock to fresh air fan	£158.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
BDBHQ44C60	Sealing member for decoration panel FFA,FXZQ	£150.00
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FFA35A9	FFA50A9	FFA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.38	3.35	4.01
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A+
	Pdesign	kW	3.5	5.0	6.0
	SEER		6.40	6.30	5.80
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A+	A+
	Pdesign	kW	4.20	4.30	4.50
	SCOP		3.80	4.01	4.04
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.167 / 0.142 / 0.108	0.212 / 0.182 / 0.143	0.242 / 0.208 / 0.158
Dimensions (with Decoration Panel)	Height	mm	260 (306)	260 (306)	260 (306)
	Width	mm	575 (620)	575 (620)	575 (620)
	Depth	mm	575 (620)	575 (620)	575 (620)
Weight (with Decoration Panel)		kg	16 (18.8)	17.5 (20.3)	17.5 (20.3)
Sound Pressure (Cooling)	High / Med / Low	dBA	34 / 30.5 / 25	39 / 34 / 27	43 / 40 / 32
Sound Pressure (Heating)	High / Med / Low	dBA	34 / 30.5 / 25	39 / 34 / 27	43 / 40 / 32
Sound Power (Cooling)		dBA	51	56	60

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BYFQ60CW + BRC1H52W7)	**£1,132.00**	**£1,243.00**	**£1,311.00**
Condensing Unit Trade Price	**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price	**£2,326.00**	**£2,700.00**	**£2,907.00**



RZAG35-60B



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

FFA-A9 / RXM-A

600x600 Fully Flat Cassette – Perfera Condenser


White


Silver

Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BYFQ60CW	Fully Flat Cassette Decoration Panel - White	£329.00
BYFQ60B3	Fully Flat Cassette Decoration Panel - Old style (FFQ-B9V looks)	£282.00
BYFQ60CS	Fully Flat Cassette Decoration Panel - Silver	£329.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRC7EB530W	Wireless remote for fully flat cassette Old Style decoration panel	£253.00
BRC7F530S	Wireless remote controller for Silver ceiling decoration panel	£253.00
BRC7F530W	Wireless remote controller for White ceiling decoration panel	£253.00
BRYQ60AS	Integral PIR sensor for fully flat cassette Silver decoration panel. Enables energy saving functions	£162.00
BRYQ60AW	Integral PIR sensor for fully flat cassette White decoration panel. Enables energy saving functions	£162.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP1B57 and UK.FB2	Adaptor PCB for Interlock to fresh air fan	£158.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
BDBHQ44C60	Sealing member for decoration panel FFA,FXZQ	£150.00
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FFA25A9	FFA35A9	FFA50A9	FFA60A9
Capacity	UK Total Cooling	kW	2.44	3.32	4.89	5.57
	UK Sensible Cooling	kW	1.81	2.28	3.27	3.86
	Nominal Cooling	kW	2.5	3.4	5.0	5.7
	Nominal Heating	kW	3.2	4.2	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A+	A+
	Pdesign	kW	2.5	3.4	5.0	5.7
	SEER		6.17	6.38	5.9	5.76
	Annual Energy Consumption	kWh	142	186	297	347
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A	A+
	Pdesign	kW	2.31	3.10	3.84	3.96
	SCOP		4.24	4.10	3.86	4.04
	Annual Energy Consumption	kWh	762	1058	1393	1372
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.150 / 0.133 / 0.108	0.167 / 0.142 / 0.108	0.212 / 0.182 / 0.143	0.242 / 0.208 / 0.158
Dimensions (with Decoration Panel)	Height	mm	260 (306)	260 (306)	260 (306)	260 (306)
	Width	mm	575 (620)	575 (620)	575 (620)	575 (620)
	Depth	mm	575 (620)	575 (620)	575 (620)	575 (620)
Weight (with Decoration Panel)		kg	16 (18.8)	16 (18.8)	17.5 (20.3)	17.5 (20.3)
Sound Pressure (Cooling)	High / Med / Low	dBA	31 / 28.5 / 25	34 / 30.5 / 25	39 / 34 / 27	43 / 40 / 32
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 28.5 / 25	34 / 30.5 / 25	39 / 34 / 27	43 / 40 / 32
Sound Power (Cooling)		dBA	48	51	56	60

Outdoor Units			RXM25A9	RXM35A9	RXM50A8	RXM60A
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401
Weight		kg	36	36	40	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	10.92	12.69	14.76
	Max Fuse Size	A	13	13	13	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30	30
	Maximum Vertical Rise	m	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.95	0.95	0.95	1.15
Sound Pressure (Cooling)	Nominal	dBA	47	47	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49	49
Sound Power (Cooling)		dBA	58	58	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.642	0.652	0.967	0.777

Indoor Unit Trade Price (Includes: BYFQ60CW + BRC1H52W7)		**£1,039.00**	**£1,132.00**	**£1,243.00**	**£1,311.00**
Condensing Unit Trade Price		**£723.00**	**£840.00**	**£1,054.00**	**£1,121.00**
Total System Price		**£1,762.00**	**£1,972.00**	**£2,297.00**	**£2,432.00**


RXM60A


Madoka Plus
BRC1KPD51W


Madoka
BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

Auto-Cleaning Decoration Panel

Auto-cleaning decoration panels make life easier. Maintenance is simplified by eliminating the need to climb up to open a Roundflow cassette in order to clean it. With its unique auto-cleaning mechanism, you can ensure consistently high system efficiency, all year round.





Benefits

- Energy savings up to 50%
- Save on maintenance bills
- Remove dust with any vacuum cleaner
- Keep the unit looking clean and tidy

Specification & Compatibility

Model	Colour	Dimensions (mm)			Weight (kg)	Price	Compatibility
		Height	Width	Depth			
BYCQ140EGF	White RAL9010	148	950	950	10.3	**£513.00**	FCAHG-H / FCAG-B
BYCQ140EGFB	Black RAL9005	148	950	950	10.3	**£563.00**	FCAHG-H / FCAG-B

Integral Presence and Floor Sensor

The presence and floor sensor are combined together in one option (BRYQ140B) and can only be set/controlled via the wired remote controller Madoka (BRC1H52W7/S7/K7).

Floor Sensor

Ensure an even temperature distribution from floor to ceiling, eliminating cold spots.

Presence Sensor

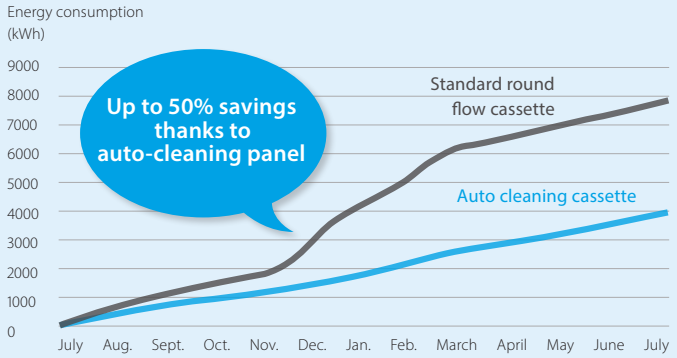
Avoid cold/hot air being blown directly toward people present in the room.

Energy Saving Function

Avoid wasting energy if no people are present in the room for a certain period of time.







Cumulative energy comparison over 12 months

Model	Price	Description	Compatibility
BRYQ140B	**£162.00**	PIR Sensor - for white panel	FCAHG-H / FCAG-B
BRYQ140BB	**£178.00**	PIR Sensor - for black panel	FCAHG-H / FCAG-B



Air distribution with a clean filter



Air distribution with a dusty filter

Designer Decoration Panel

Benefits

- Flat façade design blends in with any stylish interior
- Redesign of inlet air flow and suction filter reduces visible dust marks
- Ideal for restaurants and retail where design matters







Specification & Compatibility

Model	Colour	Dimensions (mm)			Weight (kg)	Price	Compatibility
		Height	Width	Depth			
BYCQ140EP	White (RAL9010)	106	950	950	6.5	**£447.00**	FCAHG-H / FCAG-B / FXFQ-B
BYCQ140EPB	Black (RAL9005)	106	950	950	6.5	**£491.00**	

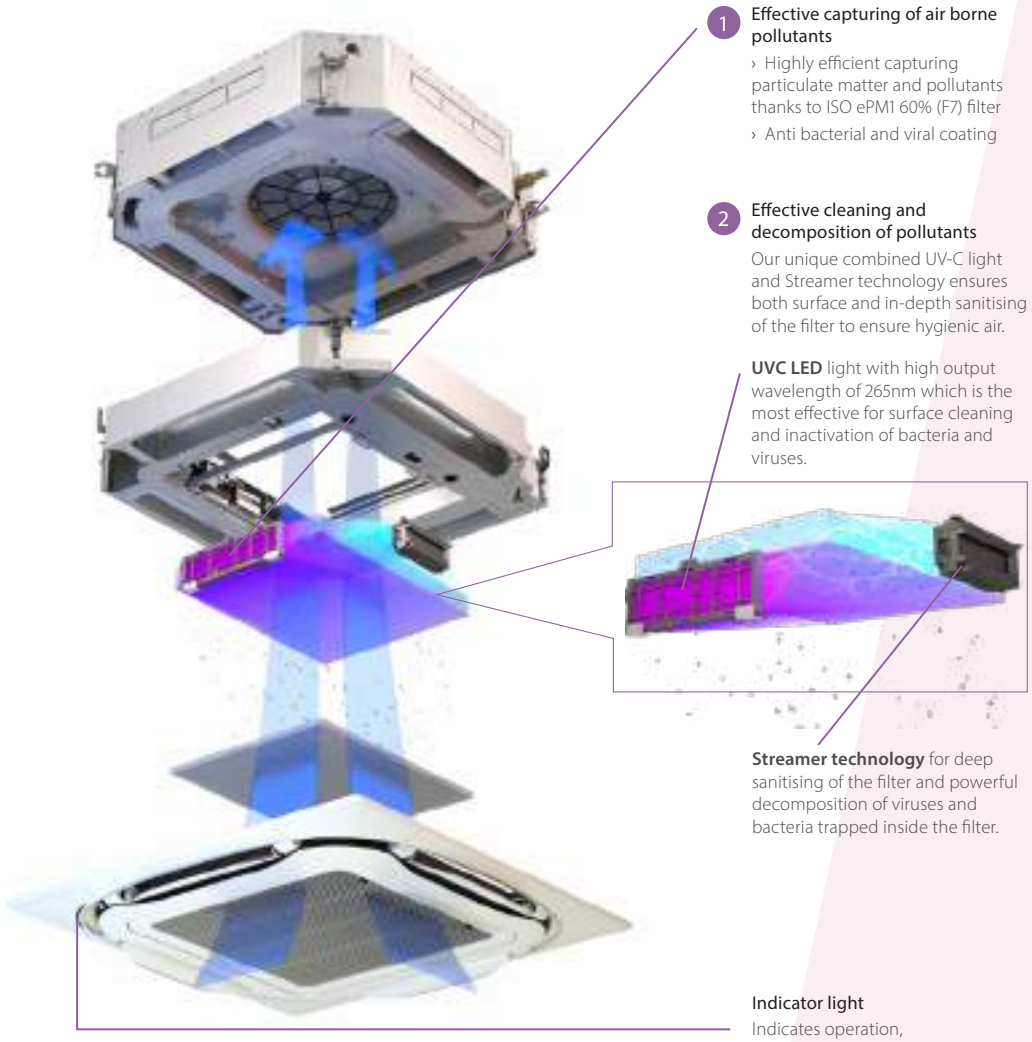
Accessories

Model	Description	Price
BRC7FB532F	Wireless remote controller and receiver - for White panel	**£170.00**
BRC7FB532FB	Wireless remote controller and receiver - for Black panel	**£170.00**



UV Streamer for Roundflow Cassette

Daikin's unique Catch & Clean approach includes an ISO ePM1 60% filter, UV-C light and Streamer technology



1 **Effective capturing of air borne pollutants**

› Highly efficient capturing particulate matter and pollutants thanks to ISO ePM1 60% (F7) filter

› Anti bacterial and viral coating

2 **Effective cleaning and decomposition of pollutants**

Our unique combined UV-C light and Streamer technology ensures both surface and in-depth sanitising of the filter to ensure hygienic air.

UVC LED light with high output wavelength of 265nm which is the most effective for surface cleaning and inactivation of bacteria and viruses.

Streamer technology for deep sanitising of the filter and powerful decomposition of viruses and bacteria trapped inside the filter.

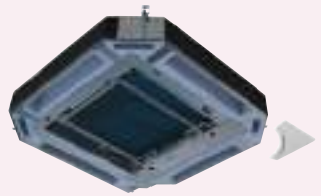
Indicator light

Indicates operation, malfunction or replacement status.

Our UV Streamer Kit offers you the solution:

- Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), odours, allergens, etc. ensuring a healthy and hygienic indoor environment
- Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology
- Thanks to the large air flow rate of the Roundflow cassette, clean air can be quickly delivered to every corner of your space
- Can be **retrofitted** into existing installations
- Can be used with BYCQ140E and BYCQ140EW decoration panels

Model		**BAEF125AWB**
Power Supply		1Ph, 220-240V, 50/60Hz
Dimensions (H x W x D)	mm	100 x 840 x 840
Weight	kg	12
Compatible decoration panels		BYCQ140E/BYCQ140EW * *(UV-streamer kit cannot be used with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit)
Filter Efficiency		ePM1 60% @ISO16890 (F7)
Trade price		**£579.00**



Maintenance Replacements

Description	**Replacement Filter (1 pack): ePM1 60%* / F7**	**UV-C LED Module**	**Flash Streamer Module**
Product Code	BAF55A125	2542301	5016531
Replacement interval	Every Year	Every 7 Years	Every 7 Years
Ordering Route	Accessories	Spare Parts	Spare Parts
Trade price	**£85.00**	**£132.54**	**£33.58**

*As per ISO 16890

99.9%

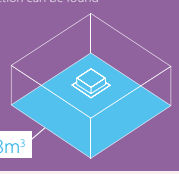
of viruses removed in 30 minutes, thanks to Daikin's unique Catch & Clean approach

Tested at Intertek

Results based on tests performed in the laboratories of Intertek, in a 28m³ room. Daikin's Roundflow cassette (FXFQ125B) removes more than 99.9% of enveloped viruses such as Corona viruses.

* Additional details regarding this function can be found in the unit technical manual.

Tested according to real life sized room





R-32 BLUEVOLUTION

SkyAir Alpha-series

FDXM-F9 / RZAG-B

Slim Ducted – Mini Sky Air



Replacement Technology

50m PIPE RUN

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
UK.RAC5	Return Air Plenum for FDXM25/35F9	£118.00
UK.RAC7	Return Air Plenum for FDXM50F9 and FDXM60F9	£151.00
UK.SAF5	Supply Air Plenum for FDXM25/35F9	£105.00
UK.SAF7	Supply Air Plenum for FDXM50F9 and FDXM60F9	£132.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FDXM35F9	FDXM50F9	FDXM60F9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.31	3.59	4.11
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+
	Pdesign	kW	3.5	5.0	6.0
	SEER		5.90	5.90	5.70
	Annual Energy Consumption	kWh	208	296	368
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	A
	Pdesign	kW	3.5	4.3	4.5
	SCOP		3.90	3.90	3.90
	Annual Energy Consumption	kWh	1255	1544	1616
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.145 / 0.133 / 0.122	0.263 / 0.243 / 0.222	0.267 / 0.247 / 0.225
External Static Pressure	Nominal	Pa	30	40	40
Dimensions	Height	mm	200	200	200
	Width	mm	750	1150	1150
	Depth	mm	620	620	620
Weight		kg	21	28	28
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Power (Cooling)		dBA	53	55	56

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£713.00**	**£772.00**	**£845.00**
Condensing Unit Trade Price	**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price	**£1,907.00**	**£2,229.00**	**£2,441.00**



RZAG35-60B



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- The chassis with a height of 200mm makes the FDXM-F9 ideal for a ceiling void of 240mm



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

FDXM-F9 / RXM-A

Slim Ducted - Perfera Condenser



Replacement Technology

Indoor Units			FDXM25F9	FDXM35F9	FDXM50F9	FDXM60F9
Capacity	UK Total Cooling	kW	2.35	3.32	4.89	5.86
	UK Sensible Cooling	kW	1.81	2.26	3.33	4.11
	Nominal Cooling	kW	2.4	3.4	5.0	6.0
	Nominal Heating	kW	3.2	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A	A+	A
	Pdesign	kW	2.4	3.4	5.0	6.0
	SEER		5.68	5.26	5.7	5.56
	Annual Energy Consumption	kWh	148	226	307	378
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	A	A
	Pdesign	kW	2.6	2.9	4.0	4.6
	SCOP		4.24	3.88	3.89	3.80
	Annual Energy Consumption	kWh	858	1046	1440	1693
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.145 / 0.133 / 0.122	0.145 / 0.133 / 0.122	0.263 / 0.243 / 0.222	0.267 / 0.247 / 0.255
External Static Pressure	Nominal	Pa	30	30	40	40
Dimensions	Height	mm	200	200	200	200
	Width	mm	750	750	1150	1150
	Depth	mm	620	620	620	620
Weight		kg	21	21	28	28
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Power (Cooling)		dBA	53	53	55	56

Outdoor Units			RXM25A9	RXM35A9	RXM50A8	RXM60A
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401
Weight		kg	36	36	40	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	10.92	12.69	14.76
	Max Fuse Size	A	13	13	13	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30	30
	Maximum Vertical Rise	m	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.95	0.95	0.95	1.15
Sound Pressure (Cooling)	Nominal	dBA	47	47	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49	49
Sound Power (Cooling)		dBA	58	58	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.642	0.652	0.967	0.777

Indoor Unit Trade Price (Includes: BRC1H52W7)		**£641.00**	**£713.00**	**£772.00**	**£845.00**
Condensing Unit Trade Price		**£723.00**	**£840.00**	**£1,054.00**	**£1,121.00**
Total System Price		**£1,364.00**	**£1,553.00**	**£1,826.00**	**£1,966.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£355.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
UK.RAC5	Return Air Plenum for FDXM25/35F9	£118.00
UK.RAC7	Return Air Plenum for FDXM50F9 and FDXM60F9	£151.00
UK.SAF5	Supply Air Plenum for FDXM25/35F9	£105.00
UK.SAF7	Supply Air Plenum for FDXM50F9 and FDXM60F9	£132.00
RS-SE	Service and configuration tool for K.RSS	£152.00



RXM60A



Madoka Plus
BRC1KPD51W



Madoka
BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FBA-A9 / RZAG-B

Ducted – Mini Sky Air



Replacement Technology

50m PIPE RUN

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
UK.RC2	Return chamber - FBA35-50 - 2X200mm Spg	£121.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£134.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£146.00
UK.SF2	Supply flange - FBA35-50 - 2x200 Spg	£111.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£121.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£129.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FBA35A9	FBA50A9	FBA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.96	3.57	4.23
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	6.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A++
	Pdesign	kW	3.5	5.0	6.0
	SEER		6.12	6.30	6.15
	Annual Energy Consumption	kWh	200	278	341
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	4.2	4.3	4.5
	SCOP		4.10	4.10	4.10
	Annual Energy Consumption	kWh	1434	1469	1537
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.250 / 0.208 / 0.175	0.250 / 0.208 / 0.175	0.300 / 0.250 / 0.208
External Static Pressure	High / Nom	Pa	150/30	150/30	150/30
Dimensions	Height	mm	245	245	245
	Width	mm	700	700	1000
	Depth	mm	800	800	800
Weight		kg	28	28	35
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 32 / 29	35 / 32 / 29	30 / 28 / 25
Sound Pressure (Heating)	High / Med / Low	dBA	37 / 34 / 29	37 / 34 / 29	31 / 28 / 25
Sound Power (Cooling)		dBA	60	60	56

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£830.00**	**£873.00**	**£963.00**
Condensing Unit Trade Price	**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price	**£2,024.00**	**£2,330.00**	**£2,559.00**



RZAG35-60B



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- FBA35A9 fan coil requires a separate 1ph power supply. Please refer to the installation manual



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WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

FBA-A9/ RXM-A

Ducted – Perfera Condenser



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
UK.RC2	Return chamber - FBA35-50 - 2X200mm Spg	£121.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£134.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£146.00
UK.SF2	Supply flange - FBA35-50 - 2x200 Spg	£111.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£121.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£129.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			FBA35A9	FBA50A9	FBA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.57
	UK Sensible Cooling	kW	2.99	3.55	4.09
	Nominal Cooling	kW	3.5	5.0	5.7
	Nominal Heating	kW	4.0	5.5	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A+
	Pdesign	kW	3.4	5.0	5.7
	SEER		6.23	6.1	5.91
	Annual Energy Consumption	kWh	191	287	337
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	2.9	4.4	4.6
	SCOP		4.07	4.02	4.01
	Annual Energy Consumption	kWh	996	1532	1607
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.250 / 0.208 / 0.175	0.250 / 0.208 / 0.175	0.300 / 0.250 / 0.208
External Static Pressure	High / Nom	Pa	150 / 30	150 / 30	150 / 30
Dimensions	Height	mm	245	245	245
	Width	mm	700	700	1000
	Depth	mm	800	800	800
Fan Coil Fuse Size	(For power supply to indoor)	A	5	5	5
Weight		kg	28	28	35
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 32 / 29	35 / 32 / 29	30 / 28 / 25
Sound Pressure (Heating)	High / Med / Low	dBA	37 / 34 / 29	37 / 34 / 29	31 / 28 / 25
Sound Power (Cooling)		dBA	60	60	56

Outdoor Units			RXM35A9	RXM50A8	RXM60A
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401
Weight		kg	36	40	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	12.69	14.76
	Max Fuse Size	A	13	13	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional charge	g/m	20	20	20
	Holding charge	kg	0.95	0.95	1.15
Sound Pressure (Cooling)	Nominal	dBA	47	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49
Sound Power (Cooling)		dBA	58	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.652	0.967	0.777

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£830.00**	**£873.00**	**£963.00**
Condensing Unit Trade Price	**£840.00**	**£1,054.00**	**£1,121.00**
Total System Price	**£1,670.00**	**£1,927.00**	**£2,084.00**



RXM60A



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- FBA35A9 fan coil requires a separate 1ph power supply. Please refer to the installation manual



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WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FBA-A / RZAG-N

Ducted – Alpha



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGL	Condensing unit guard (1450 x 1150 x 650)	£586.00
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	£73.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£134.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£146.00
UK.RC4	Return chamber - FBA100-125-140- 4X200mm Spg	£181.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£121.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£129.00
UK.SF4	Supply flange - FBA100-125-140- 4x200 Spg	£162.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			Single Phase				3 Phase			
			FBA71A9	FBA100A	FBA125A	FBA140A	FBA71A9	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling	kW	7.76	10.85	13.60	14.93	7.76	10.85	13.60	14.93
	UK Sensible Cooling	kW	5.32	7.44	9.30	10.25	5.32	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	SEER		6.5	6.47	6.56	6.42	6.5	6.47	6.56	6.42
	ηs,c	%	-	-	259	254	-	-	259	254
	Annual Energy Consumption	kWh	366	514	1107	1252	366	514	1107	1252
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	-	-	A+	A+	-	-
	Pdesign	kW	4.70	7.80	9.52	9.52	4.70	7.80	9.52	9.52
	SCOP		4.20	4.36	4.37	4.34	4.20	4.36	4.37	4.34
	ηs,h	%	-	-	172	171	-	-	172	171
	Annual Energy Consumption	kWh	1566	2505	3050	3070	1566	2505	3050	3070
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.300 / 0.250 / 0.208	0.483 / 0.408 / 0.333	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392	0.300 / 0.250 / 0.208	0.483 / 0.408 / 0.333	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392
External Static Pressure	High / Nom	Pa	150 / 30	150 / 40	150 / 50	150 / 50	150 / 30	150 / 40	150 / 50	150 / 50
Dimensions	Height	mm	245	245	245	245	245	245	245	245
	Width	mm	1000	1400	1400	1400	1000	1400	1400	1400
	Depth	mm	800	800	800	800	800	800	800	800
Weight		kg	35	46	46	46	35	46	46	46
Sound Pressure (Cooling)	High / Med / Low	dBA	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)		dBA	56	58	62	62	56	58	62	62

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG140NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1	RZAG140NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	95	95	81	85	95	95
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	18.3	24.4	30.1	30.1	10.4*	13.5*	13.5*	13.5*
	Max Fuse Size	A	20	32	32	32	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional charge	g/m	35	35	35	35	35	35	35	35
	Holding charge	kg	3.2	3.2	3.7	3.7	3.2	3.2	3.7	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	50 / 48	46 / 44	47 / 45	49 / 47	50 / 48
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	52 / 48	48 / 44	50 / 45	52 / 47	52 / 48
Sound Power (Cooling)		dBA	64	66	69	70	64	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	1.133	1.117	1.333	1.450	1.133	1.117	1.333	1.450
Meets ETL criteria			●	●	●	●	●	●	●	●
Indoor Unit Trade Price (Includes: BRC1H52W7)			**£1,377.00**	**£1,438.00**	**£1,696.00**	**£1,964.00**	**£1,377.00**	**£1,438.00**	**£1,696.00**	**£1,964.00**
Condensing Unit Trade Price			**£1,888.00**	**£2,395.00**	**£2,637.00**	**£3,010.00**	**£1,945.00**	**£2,506.00**	**£2,758.00**	**£3,170.00**
Total System Price			**£3,265.00**	**£3,833.00**	**£4,333.00**	**£4,974.00**	**£3,322.00**	**£3,944.00**	**£4,454.00**	**£5,134.00**



RZAG71-140N



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes:

- * Fan coil requires a separate 1ph power supply. Please refer to the installation manual.



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WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Advance-series

FBA-A / RZASG-M

Ducted – Advance



Replacement Technology

Indoor Units			Single Phase				3 Phase		
			FBA71A9	FBA100A	FBA125A	FBA140A	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		6.19	5.83	5.49	5.81	5.83	5.27	5.81
	ηs,c	%	-	-	217	229	-	217	229
	Annual Energy Consumption	kWh	385	570	1322	1384	570	1378	1384
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.01	3.85	3.63	3.85	3.85	3.63	3.85
	ηs,h	%	-	-	142	151	-	142	151
	Annual Energy Consumption	kWh	1571	2182	2314	2836	2182	2314	2836
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.300 / 0.250 / 0.208	0.483 / 0.408 / 0.333	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392	0.483 / 0.408 / 0.333	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392
External Static Pressure	High / Nom	Pa	150 / 30	150 / 40	150 / 50	150 / 50	150 / 40	150 / 50	150 / 50
Dimensions	Height	mm	245	245	245	245	245	245	245
	Width	mm	1000	1400	1400	1400	1400	1400	1400
	Depth	mm	800	800	800	800	800	800	800
Weight		kg	35	46	46	46	46	46	46
Sound Pressure (Cooling)	High / Med / Low	dBA	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)		dBA	56	58	62	62	58	62	62

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	77
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.5	21.8	28.3	27.6	14.6	15.1	15.1
	Max Fuse Size	A	20	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.933	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,377.00**	**£1,438.00**	**£1,696.00**	**£1,964.00**	**£1,438.00**	**£1,696.00**	**£1,964.00**
Condensing Unit Trade Price	**£1,300.00**	**£1,798.00**	**£1,971.00**	**£2,193.00**	**£1,854.00**	**£2,032.00**	**£2,261.00**
Total System Price	**£2,677.00**	**£3,236.00**	**£3,667.00**	**£4,157.00**	**£3,292.00**	**£3,728.00**	**£4,225.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGL	Condensing unit guard (1450 x 1150 x 650)	£586.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£134.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£146.00
UK.RC4	Return chamber - FBA100-125-140- 4X200mm Spg	£181.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£121.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£129.00
UK.SF4	Supply flange - FBA100-125-140- 4x200 Spg	£162.00
RS-SE	Service and configuration tool for K.RSS	£152.00



RZASG71M RZASG100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- New chassis with height of 245mm makes the FBA-A one of the slimmest medium static units on the market



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Active-series

FBA-A / AZAS-M / ARXM-A

Ducted – Active



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£134.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£146.00
UK.RC4	Return chamber - FBA100-125-140- 4X200mm Spg	£181.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£121.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£129.00
UK.SF4	Supply flange - FBA100-125-140- 4x200 Spg	£162.00
RS-SE	Service and configuration tool for K.RSS	£152.00

Indoor Units			Single Phase				3 Phase		
			FBA71A9	FBA100A	FBA125A	FBA140A	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling	kW	6.65	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.15	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.57	5.67	5.24	5.72	5.67	5.24	5.72
	ηs,c	%	-	-	191	217	-	191	217
	Annual Energy Consumption	kWh	427	586	1385	1406	586	1385	1406
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		3.81	3.81	3.55	3.85	3.81	3.55	3.85
	ηs,h	%	-	-	139	151	-	139	151
	Annual Energy Consumption	kWh	1654	2205	2366	2836	2205	2366	2836
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.300 / 0.250 / 0.208	0.483 / 0.408 / 0.333	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392	0.483 / 0.408 / 0.333	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392
External Static Pressure	High / Nom	Pa	150 / 30	150/40	150/50	150/50	150/40	150/50	150/50
Dimensions	Height	mm	245	245	245	245	245	245	245
	Width	mm	1000	1400	1400	1400	1400	1400	1400
	Depth	mm	800	800	800	800	800	800	800
Weight		kg	35	46	46	46	46	46	46
Sound Pressure (Cooling)	High / Med / Low	dBA	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)		dBA	56	58	62	62	58	62	62

Outdoor Units			ARXM71A	AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Height x Width x Depth	mm	734 x 954 x 401	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	49	72	72	79	72	72	79
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	15.83	21.5	27.8	27	14.2	14.6	14.6
	Max Fuse Size	A	16	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30	30	30	30	30	30
	Maximum Vertical Rise	m	20	30	30	30	30	30	30
	Precharged to	m	10	30	30	30	30	30	30
	Additional charge	g/m	35	N/A	N/A	N/A	N/A	N/A	N/A
	Holding charge	kg	1.15	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	52	53/44	53/44	54/44	53/44	53/44	54/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	57/44	57/44	57/44	57/44	57/44	57/44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.777	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7)		**£1,377.00**	**£1,438.00**	**£1,696.00**	**£1,964.00**	**£1,438.00**	**£1,696.00**	**£1,964.00**
Condensing Unit Trade Price		**£1,133.00**	**£1,392.00**	**£1,562.00**	**£1,749.00**	**£1,468.00**	**£1,646.00**	**£1,844.00**
Total System Price		**£2,510.00**	**£2,830.00**	**£3,258.00**	**£3,713.00**	**£2,906.00**	**£3,342.00**	**£3,808.00**



ARXM71A AZAS100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

SkyAir Advance-series

FDA-A / RZAG-N / RZASG-M / RZA-D

Ultra High Static Ducted – Alpha & Advance



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App (for FDA200 & 250A)	£120.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App (for FDA125A)	£120.00
BRC4C65	Wireless remote controller	£253.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor (for FDA125A)	£62.00
KRCS01-6B	Remote room mounted temperature sensor (for FDA200 & 250A)	£138.00
K.RSS	Wireless room mounted temperature sensor and receiver (for FDA125A)	£147.00
SB.K.RSS_FDA	Wireless room mounted temperature sensor and receiver (for FDA200 & 250A)	£164.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00

Indoor Units			Single Phase		3 Phase			
			FDA125A	FDA125A	FDA125A	FDA125A	FDA200A	FDA250A
Capacity	UK Total Cooling	kW	13.60	13.60	13.60	13.60	20.8	22.9
	UK Sensible Cooling	kW	9.30	9.30	9.30	9.30	17.5	20.1
	Nominal Cooling	kW	12.1	12.1	12.1	12.1	19.0	22.0
	Nominal Heating	kW	13.5	13.5	13.5	13.5	22.4	24.0
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	12.1	12.1	12.1	12.1	19.0	22.0
	SEER		6.59	5.03	6.59	5.03	6.26	5.38
	ηs,c	%	261	198	261	198	247	212
	Annual Energy Consumption	kWh	1102	1444	1102	1444	1821	2455
Seasonal Efficiency (EN14825) HEATING	Pdesign	kW	9.52	6.00	9.52	6.00	11.2	12.1
	SCOP		4.35	3.58	4.35	3.58	3.59	3.55
	ηs,h	%	171	140	171	140	141	139
	Annual Energy Consumption	kWh	3064	2346	3064	2346	4368	4765
Air Flow Rate (Cooling)	High / Med(200+250) / Low	m³/sec	0.650 / 0.467	0.650 / 0.467	0.650 / 0.467	0.650 / 0.467	1.067 / 0.833 / 0.600	1.150 / 0.933 / 0.717
External Static Pressure	High / Nom	Pa	200/50	200/50	200/50	200/50	250/62	250/62
Dimensions	Height	mm	300	300	300	300	470	470
	Width	mm	1400	1400	1400	1400	1490	1490
	Depth	mm	700	700	700	700	1100	1100
Weight		kg	45	45	45	45	104	115
Sound Pressure (Cooling)	High / Med / Low	dBA	40 / - / 33	40 / - / 33	40 / - / 33	40 / - / 33	43 / 39 / 36	44 / 40 / 37
Sound Pressure (Heating)	High / Med / Low	dBA	40 / - / 33	40 / - / 33	40 / - / 33	40 / - / 33	43 / 39 / 36	44 / 40 / 37
Sound Power (Cooling)		dBA	66	66	66	66	69	71

Outdoor Units			RZAG125NV1	RZASG125MV	RZAG125NY1	RZASG125MY	RZA200D	RZA250D
Series			Alpha	Advance	Alpha	Advance	Advance	Advance
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	990 x 940 x 320	870 x 1100 x 460	990 x 940 x 320	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	92	70	92	70	117	117
Electrical Details	Power Supply		1ph	1ph	3ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	28.2	28.9	15.7	15.7	15.9	15.9
	Max Fuse Size	A	32	32	16	16	20	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 2.5	3+E / 2.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 7/8 (22.2)	3/8 (9.5) / 7/8 (22.2)
Pipework	Maximum Length	m	85	50	85	50	100	100
	Maximum Vertical Rise	m	30	30	30	30	30	30
	Precharged to	m	40	30	40	30	30	30
	Additional charge	g/m	35	35	35	35	45	45
	Holding charge	kg	3.7	2.60	3.7	2.60	5.00	5.00
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	50	53/44	50	53/44	53	57
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	57/44	52	57/44	60	63
Sound Power (Cooling)		dBA	69	71	69	71	73	76
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-15 / 46	-20 / 52	-15 / 46	-20 / 46	-20 / 46
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-15 / 15.5	-20 / 18	-15 / 15.5	-20 / 15	-20 / 15
Air Flow Rate (Cooling)	Nominal	m³/sec	1.333	1.183	1.333	1.183	1.683	1.983

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,855.00**	**£1,855.00**	**£1,855.00**	**£1,855.00**	**£2,719.00**	**£3,331.00**
Condensing Unit Trade Price	**£2,637.00**	**£1,971.00**	**£2,758.00**	**£2,032.00**	**£4,044.00**	**£4,368.00**
Total System Price	**£4,492.00**	**£3,826.00**	**£4,613.00**	**£3,887.00**	**£6,763.00**	**£7,699.00**



RZAG125N / RZA200-250D

RZASG100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- Up to 250Pa External Static Pressure
- Auto balancing airflow / ESP on commissioning
- FDA200-250A requires separate 1ph power supply. Please refer to the installation manual



DAIKIN onecta

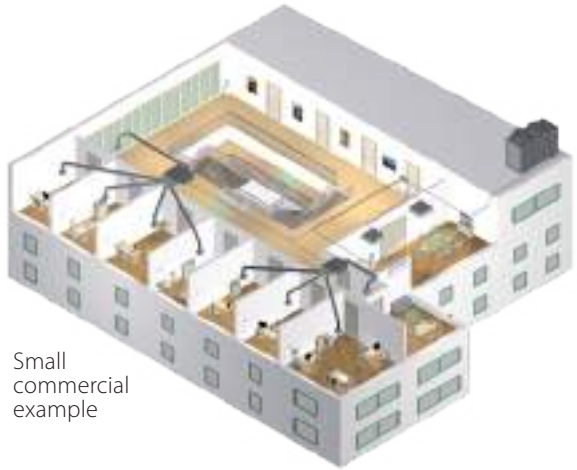
WI-FI ADAPTOR AVAILABLE AS AN OPTION

Easyzone - Air Cooling and Heating System

The Easyzone system offers a low installation cost and versatile way to control the temperature of multiple spaces from a single ducted fan coil as part of a Split, Sky Air or VRV system.

The system consists of an adaptor that fits onto the ducted fan coil, which has between two and eight round duct adaptors depending on how many rooms you want to supply. Each adaptor has its own motorised damper controlling the volume of conditioned air delivered to the space, enabling individual temperature control in each room.

The system must have BRC1H* Madoka remote controller. The first room can then have a Bluezero or wired Think controller. Each subsequent room can then have either a wired or wireless Lite, Think or Bluezero controller.



Small commercial example

Easyzone is available for the following fan coils:

Model	Class										
FXSQ-A	15	20	25	32	40	50	63	80	100	125	140
FXDQ-A3		20	25	32	40	50	63				
FBA-A(9)				35		50	60	71	100	125	140
FDXM-F9			25	35		50	60				

Easyzone kit Part Number	Plenum size	No of ducts	Duct size mm	Compatible models	Trade Price
AZEZ6DAIST07XS2	Standard	2	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,186.00**
AZEZ6DAIST07XS3	Standard	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,275.00**
AZEZ6DAIST07S2	Standard	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,186.00**
AZEZ6DAIST07S3	Standard	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,275.00**
AZEZ6DAIST07S4	Standard	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,362.00**
AZEZ6DAIST07M4	Standard	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,362.00**
AZEZ6DAIST07M5	Standard	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,519.00**
AZEZ6DAIST07M6	Standard	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,740.00**
AZEZ6DAIST07L5	Standard	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,519.00**
AZEZ6DAIST07L6	Standard	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,740.00**
AZEZ6DAIST07L7	Standard	7	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,841.00**
AZEZ6DAIST07L8	Standard	8	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,939.00**
AZEZ6DAIST07XL7	Standard	7	200	FXSQ140A	**£1,841.00**
AZEZ6DAIST07XL8	Standard	8	200	FXSQ140A	**£1,939.00**
AZEZ6DAIBS07XS2	Medium	2	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,186.00**
AZEZ6DAIBS07XS3	Medium	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,275.00**
AZEZ6DAIBS07S2	Medium	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,186.00**
AZEZ6DAIBS07S3	Medium	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,275.00**
AZEZ6DAIBS07S4	Medium	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,362.00**
AZEZ6DAIBS07S5	Medium	5	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,519.00**
AZEZ6DAIBS07M3	Medium	3	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,275.00**
AZEZ6DAIBS07M4	Medium	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,362.00**
AZEZ6DAIBS07M5	Medium	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,519.00**
AZEZ6DAIBS07M6	Medium	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,740.00**
AZEZ6DAIBS07L4	Medium	4	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,362.00**
AZEZ6DAIBS07L5	Medium	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,519.00**
AZEZ6DAIBS07L6	Medium	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,740.00**
AZEZ6DAIBS07XL5	Medium	5	200	FXSQ140A	**£1,519.00**
AZEZ6DAIBS07XL6	Medium	6	200	FXSQ140A	**£1,740.00**
AZEZ6DAISL01S2	Slim	2	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	**£1,232.00**
AZEZ6DAISL01S3	Slim	3	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	**£1,325.00**
AZEZ6DAISL01M4	Slim	4	150	FXDQ40A3 FXDQ50A3	**£1,412.00**
AZEZ6DAISL01L5	Slim	5	150	FDXM50F9 FDXM60F9 FXDQ63A3	**£1,509.00**



Compact ceiling void for FXDQ-A3 and FDXM-F9



Standard ceiling void for FBA-A(9) and FXSQ-A



AZCE6BLUEZEROCB



AZCE6THINKRB



AZCE6LITERB



BRC1H52W7 remote control

Minimum requirements: Daikin Ducted unit from the list above + associated Easyzone kit, 1 x BRC1H*, 1 x AZCE6BLUEZERO Bluezero controller and additional AZCE* controllers per room as required.

Note: EasyZone is not compatible with VRV R-32 ducted indoor units.

Accessories for Easyzone system

Daikin offers a series of new accessories to increase the flexibility and speed of installation of the Easyzone multi-room air conditioning system.

Zone room controllers

Model		Description	Trade Price
	**BRC1H52W7**	Wired touch screen remote controller - White	**£133.00**
	**AZCE6BLUEZEROCB**	Main room thermostat (at least 1 required)	**£218.00**
	**AZCE6THINKRB**	Additional wireless touch screen room thermostat (Think)	**£254.00**
	**AZCE6LITERB**	Additional wireless touch screen room thermostat (Lite)	**£200.00**
	**AZCE6LITECB**	Additional wired touch screen room thermostat (Lite)	**£160.00**

Zone controlling cabling

Model		Description	Trade Price
	**AZX8CABLEBUS15**	15m of interconnecting cable for Easyzone thermostats	**£22.00**
	AZX8CABLEBUS100	100m of interconnecting cable for Easyzone thermostats	**£133.00**

Webserver cloud control

Model		Description	Trade Price
	**AZX6WSC5GER**	PCB mounted Webserver cloud (wireless)	**£298.00**
	**AZX6WSPHUB**	Free standing Webserver cloud (wired)	**£298.00**

N.B. These interfaces cannot be combined with the BACNet or KNX gateways.

BACNet gateway

Model		Description	Trade Price
	**AZX6WSPBAC**	BACNET gateway	**£298.00**

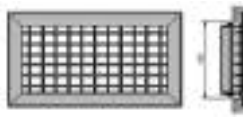
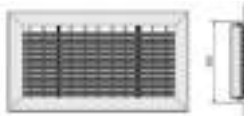
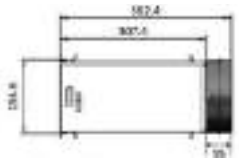
N.B. In addition to a AZX6BACNET per Easyzone unit, a DCM009A51 BACNet Client software is required per Intelligent Touch Manager
This gateway cannot be combined with either Webserver cloud controller or the KNX gateway.

KNX gateway

Model		Description	Trade Price
	**AZX6KNXGTWAY**	KNX gateway	**£298.00**

N.B. This interface cannot be combined with either Webserver cloud controller or the BACNet gateway

Supply air diffusers and plenum

Model		Description	Trade Price
	**RDHV040015BKX**	Air diffuser - wall	**£34.00**
	**RLQV040015BKX**	Air diffuser - ceiling	**£52.00**
	**PREJ040015T**	Plenum for wall & ceiling diffuser	**£116.00**

Return air diffuser c/w filter and plenum

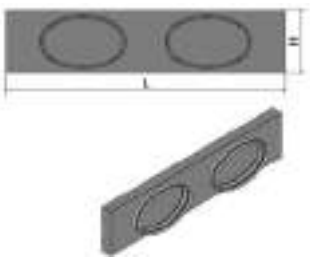
Model		Description	Trade Price
	**RRFR050050BTX**	Air intake filter slot + filter <u>Fan coil units:</u> FBA35A, FBA50A, FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A, FXSQ40A, FXSQ50A (1 diffuser Required) <u>Fan coil units:</u> FBA60A, FBA71A, FXSQ63A, FXSQ80A (2 diffusers Required) <u>Fan coil units:</u> FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A, FXSQ140A (4 diffusers Required)	**£194.00**
	**BR500**	Air intake plenum for RRFR050050BTX	**£263.00**

N.B. The Ø250Emm connections are elliptical in shape but are equivalent to a Ø250mm circular connection.

Air intake plenums

Designed to perfectly match the return air connection on the Daikin indoor unit, a range of air intake plenums is now available.

Each plenum is provided with a number of Ø250Emm* spigots to ensure adequate airflow is available for correct unit operation.



Model	Description	Compatible FCU	Trade Price
AZCEZDAPR07XS	Standard unit return plenum – XS (1 spigot)	FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A	**£133.00**
AZCEZDAPR07S	Standard unit return plenum – S (1 spigot)	FBA35A, FBA50A, FXSQ40A, FXSQ50A	**£133.00**
AZCEZDAPR07M	Standard unit return plenum – M (2 spigots)	FBA60A, FBA71A, FXSQ63A, FXSQ80A	**£152.00**
AZCEZDAPR07L	Standard unit return plenum – L (4 spigots)	FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A	**£194.00**
AZCEZDAPR07XL	Standard unit return plenum - XL (4 spigots)	FXSQ140A	**£218.00**

N.B. The Ø250Emm connections are elliptical in shape but are equivalent to a Ø250mm circular connection.

R-32 BLUEVOLUTION perfera

FVXM-B / RXM-A

Floor Standing Cased – Perfera Condenser



Replacement Technology



ARC466A66

Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	£9.00
BRC073*	Wired remote Control - Connection cable required	£129.00
BRCW901A03	3m extension cord required for wired remote control BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote control BRC073	£32.00
KRP413A1S*	Adaptor PCB for remote on/off control - constant/ pulse contact	£121.00
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems	£218.00
KLIC-DDV3*	KNX interface for Split type systems	£270.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£251.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£355.00
K.CGM	Condensing unit Guard (1150 x 1150 x 650)	£490.00

Indoor Units			CVXM20B	FVXM25B	FVXM35B	FVXM50B
Capacity	UK Total Cooling	kW	Multi Combinations Only	2.35	3.32	4.86
	UK Sensible Cooling	kW		1.71	2.22	3.55
	Nominal Cooling	kW		2.4	3.4	5.0
	Nominal Heating	kW		3.4	4.5	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label			A+++	A++	A++
	Pdesign	kW		2.4	3.4	5.0
	SEER			8.55	8.11	7.20
	Annual Energy Consumption	kWh		98	147	243
Seasonal Efficiency (EN14825) HEATING	Energy Label			A++	A++	A+
	Pdesign	kW		2.3	2.8	4.1
	SCOP			4.65	4.63	4.30
	Annual Energy Consumption	kWh		692	847	1346
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.145 / 0.117 / 0.082 / 0.068	0.145 / 0.117 / 0.082 / 0.068	0.153 / 0.117 / 0.082 / 0.068	0.193 / 0.150 / 0.110 / 0.090
Dimensions	Height	mm	600	600	600	600
	Width	mm	750	750	750	750
	Depth	mm	238	238	238	238
Weight		kg	17	17	17	17
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	38 / 32 / 25 / 22	38 / 32 / 25 / 20	39 / 32 / 25 / 20	44 / 38 / 31 / 27
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	38 / 32 / 25 / 21	38 / 32 / 25 / 19	39 / 32 / 25/ 19	46 / 40 / 35 / 29
Sound Power (Cooling)		dBA	52	52	53	61

Outdoor Units				RXM25A9	RXM35A9	RXM50A8
Dimensions	Height x Width x Depth	mm	Multi Combinations Only	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367
Weight		kg		36	36	40
Electrical Details	Power Supply			1ph	1ph	1ph
	Maximum Input Current (MCA)	A		10.92	10.92	12.69
	Max Fuse Size	A		13	13	13
Interconnection Wiring	Core / Cable size			3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)		1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m		20	20	30
	Maximum Vertical Rise	m		15	15	20
	Precharged to	m		10	10	10
	Additional Charge	g/m		20	20	20
	Holding Charge	kg		0.95	0.95	0.95
Sound Pressure (Cooling)	Nominal	dBA		47	47	48
Sound Pressure (Heating)	Nominal	dBA		49	49	49
Sound Power (Cooling)		dBA		58	58	61
Operating Range (Cooling)	Min / Max	°CDB		-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB		-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec		0.642	0.652	0.967
Meets ETL criteria				●	●	●
Indoor Unit Trade Price				£827.00	£888.00	£958.00	£1,047.00
Condensing Unit Trade Price					£723.00	£840.00	£1,054.00
Total System Price					£1,611.00	£1,798.00	£2,101.00



RXM25-35A9

Notes & Features:

- Wired controller, KLIC-DDV3 and RTD-RA options cannot be combined
- Wireless remote controller with 7-day weekly timer
- Night set mode
- Powerful operation
- Dry programme: reduces humidity in the rooms without variations in internal temperature
- Heat boost function to reach set point quicker during start-up
- Heat+ warms up room for 30min via convection at low fan speed
- Floor warming function to provide even heat distribution up to 3.5m distance
- Connectable with all MXM-A9 multis only due to integrated leak sensor
- Can be connected with R-410A Mini VRV using BPMK boxes



DAIKIN onecta

WI-FI ADAPTOR INCLUDED AS STANDARD

R-32 BLUEVOLUTION

SkyAir Alpha-series

FVA-A / RZAG-N

Floor Standing – Alpha



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1E53A	Wired Remote Controller suitable for integration in front panel	£147.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00

Indoor Units			Single Phase				3 Phase			
			FVA71A	FVA100A	FVA125A	FVA140A	FVA71A	FVA100A	FVA125A	FVA140A
Capacity	UK Total Cooling	kW	7.76	10.85	13.6	14.93	7.76	10.85	13.6	14.93
	UK Sensible Cooling	kW	5.32	7.44	9.3	10.25	5.32	7.44	9.3	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	SEER		6.34	6.40	6.41	6.12	6.34	6.40	6.41	6.12
	ηs,c	%	-	-	253	242	-	-	253	242
	Annual Energy Consumption	kWh	376	520	1133	1314	376	520	1133	1314
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	-	-	A+	A+	-	-
	Pdesign	kW	4.70	7.80	9.52	9.52	4.70	7.80	9.52	9.52
	SCOP		4.05	4.20	4.15	3.94	4.05	4.20	4.15	3.94
	ηs,h	%	-	-	163	155	-	-	163	155
	Annual Energy Consumption	kWh	1625	2600	3209	3383	1625	2600	3209	3383
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.300 / 0.267 / 0.233	0.467 / 0.417 / 0.367 / 0.090	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433	0.300 / 0.267 / 0.233	0.467 / 0.417 / 0.367 / 0.090	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433
Dimensions	Height	mm	1850	1850	1850	1850	1850	1850	1850	1850
	Width	mm	600	600	600	600	600	600	600	600
	Depth	mm	270	350	350	350	270	350	350	350
Weight		kg	42	50	50	50	42	50	50	50
Sound Pressure (Cooling)	High / Medium / Low	dBA	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48
Sound Pressure (Heating)	High / Nom / Low	dBA	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48
Sound Power (Cooling)		dBA	55	62	63	65	55	62	63	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG140NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1	RZAG140NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	95	95	81	85	95	95
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.8	22.4	27.6	27.9	11.2	15.1	15.1	15.4
	Max Fuse Size	A	20	32	32	32	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional charge	g/m	35	35	35	35	35	35	35	35
	Holding charge	kg	3.2	3.2	3.7	3.7	3.2	3.2	3.7	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	50 / 48	46 / 44	47 / 45	49 / 47	50 / 48
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	52 / 48	48 / 44	50 / 45	52 / 47	52 / 48
Sound Power (Cooling)		dBA	64	66	69	70	64	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	1.133	1.117	1.333	1.450	1.133	1.117	1.333	1.450
Indoor Unit Trade Price (Includes: BRC1H52W7)			**£1,593.00**	**£1,752.00**	**£1,931.00**	**£2,077.00**	**£1,593.00**	**£1,752.00**	**£1,931.00**	**£2,077.00**
Condensing Unit Trade Price			**£1,888.00**	**£2,395.00**	**£2,637.00**	**£3,010.00**	**£1,945.00**	**£2,506.00**	**£2,758.00**	**£3,170.00**
Total System Price			**£3,481.00**	**£4,147.00**	**£4,568.00**	**£5,087.00**	**£3,538.00**	**£4,258.00**	**£4,689.00**	**£5,247.00**



RZAG71-140N



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- Vertical air flow pattern can be adjusted manually to match requirements
- Controllable horizontal air-blow patterns
- Comms, computer and server room cooling possible with EDP setting (Alpha only)



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Advance-series

FVA-A / RZASG-M

Floor Standing – Advance



Replacement Technology

Indoor Units			Single Phase				3 Phase		
			FVA71A	FVA100A	FVA125A	FVA140A	FVA100A	FVA125A	FVA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.83	5.72	5.52	5.63	5.72	5.52	5.63
	ηs,c	%	-	-	218	222	-	218	222
	Annual Energy Consumption	kWh	408	581	1314	1428	581	1314	1428
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.04	3.83	3.64	3.81	3.83	3.64	3.81
	ηs,h	%	-	-	143	149	-	143	149
	Annual Energy Consumption	kWh	1559	2193	2308	2866	2193	2308	2866
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.300 / 0.267 / 0.233	0.467 / 0.417 / 0.367 / 0.090	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433	0.467 / 0.417 / 0.367 / 0.090	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433
Dimensions	Height	mm	1850	1850	1850	1850	1850	1850	1850
	Width	mm	600	600	600	600	600	600	600
	Depth	mm	270	350	350	350	350	350	350
Weight		kg	42	50	50	50	50	50	50
Sound Pressure (Cooling)	High / Med / Low	dBA	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48
Sound Pressure (Heating)	High / Nom / Low	dBA	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48
Sound Power (Cooling)		dBA	55	62	63	65	62	63	65

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	77
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.6	22.0	28.0	27.5	14.8	14.8	15.0
	Max Fuse Size	A	20	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.933	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,593.00**	**£1,752.00**	**£1,931.00**	**£2,077.00**	**£1,752.00**	**£1,931.00**	**£2,077.00**
Condensing Unit Trade Price	**£1,300.00**	**£1,798.00**	**£1,971.00**	**£2,193.00**	**£1,854.00**	**£2,032.00**	**£2,261.00**
Total System Price	**£2,893.00**	**£3,550.00**	**£3,902.00**	**£4,270.00**	**£3,606.00**	**£3,963.00**	**£4,338.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC1E53A	Wired Remote Controller suitable for integration in front panel	£147.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00



RZASG71M RZASG100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Active-series

FVA-A / AZAS-M

Floor Standing – Active



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1E53A	Wired Remote Controller suitable for integration in front panel	£147.00
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00

Indoor Units			Single Phase			3 Phase		
			FVA100A	FVA125A	FVA140A	FVA100A	FVA125A	FVA140A
Capacity	UK Total Cooling	kW	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A	-	-	A	-	-
	Pdesign	kW	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.5	5.30	5.4	5.5	5.30	5.4
	ηs,c	%	-	209	213	-	209	213
	Annual Energy Consumption	kWh	605	1370	1489	605	1370	1489
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	-	-	A	-	-
	Pdesign	kW	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		3.79	3.56	3.81	3.79	3.56	3.81
	ηs,h	%	-	139	149	-	139	149
	Annual Energy Consumption	kWh	2217	2360	2866	2217	2360	2866
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.467 / 0.417 / 0.367 / 0.090	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433	0.467 / 0.417 / 0.367 / 0.090	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433
Dimensions	Height	mm	1850	1850	1850	1850	1850	1850
	Width	mm	600	600	600	600	600	600
	Depth	mm	350	350	350	350	350	350
Weight		kg	50	50	50	50	50	50
Sound Pressure (Cooling)	High / Med / Low	dBA	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
Sound Pressure (Heating)	High / Nom / Low	dBA	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
Sound Power (Cooling)		dBA	62	63	65	62	63	65

Outdoor Units			AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	72	72	79	72	72	79
Electrical Details	Power Supply		1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	21.5	27.8	27	14.2	14.6	14.6
	Max Fuse Size	A	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30	30	30	30	30
	Maximum Vertical Rise	m	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30
	Additional charge	g/m	N/A	N/A	N/A	N/A	N/A	N/A
	Holding charge	kg	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	53/44	53/44	54/44	53/44	53/44	54/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	57/44	57/44	57/44	57/44	57/44	57/44
Sound Power (Cooling)		dBA	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5
Air Flow Rate (Cooling)	Nominal	m^3/sec	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7)		**£1,752.00**	**£1,931.00**	**£2,077.00**	**£1,752.00**	**£1,931.00**	**£2,077.00**
Condensing Unit Trade Price		**£1,392.00**	**£1,562.00**	**£1,749.00**	**£1,468.00**	**£1,646.00**	**£1,844.00**
Total System Price		**£3,144.00**	**£3,493.00**	**£3,826.00**	**£3,220.00**	**£3,577.00**	**£3,921.00**



ARXM71A AZAS100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FNA-A9 / RZAG-B

Concealed Floor Standing – Mini Sky Air



Replacement Technology

50m PIPE RUN

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00

Indoor Units			FNA35A9	FNA50A9	FNA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.31	3.66	4.11
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+
	Pdesign	kW	3.5	5.0	6.0
	SEER		5.90	5.90	5.70
	Annual Energy Consumption	kWh	208	297	368
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	A
	Pdesign	kW	3.5	4.3	4.5
	SCOP		3.90	3.90	3.90
	Annual Energy Consumption	kWh	1255	1542	1616
Air Flow Rate (Cooling)	High / Nom / Low	m^3/sec	0.145 / 0.133 / 0.122	0.267 / 0.247 / 0.225	0.267 / 0.247 / 0.225
External Static Pressure	High / Nom	Pa	48/30	49/40	49/40
Dimensions	Height	mm	620	620	620
	Width	mm	790	1190	1190
	Depth	mm	200	200	200
Weight		kg	23	30	30
Sound Pressure (Cooling)	High / Med / Low	dBA	33/31/28	36/33/30	36/33/30
Sound Pressure (Heating)	High / Med / Low	dBA	33/31/28	36/33/30	36/33/30
Sound Power (Cooling)		dBA	53	56	56

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.918	0.918	0.918

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£811.00**	**£943.00**	**£1,035.00**
Condensing Unit Trade Price	**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price	**£2,005.00**	**£2,400.00**	**£2,631.00**



RZAG35-60B



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- FNA-A9 supplied with 100mm high legs for optional mounting
- Requires very little installation space
- Low height makes it ideal for installation beneath windows



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

FNA-A9/ RXM-A

Concealed Floor Standing – Perfera Condenser



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC4C65	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00

Indoor Units			FNA25A9	FNA35A9	FNA50A9	FNA60A9
Capacity	UK Total Cooling	kW	2.54	3.32	4.89	5.86
	UK Sensible Cooling	kW	1.89	2.26	3.66	4.11
	Nominal Cooling	kW	2.6	3.4	5.0	6.0
	Nominal Heating	kW	3.2	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+	A
	Pdesign	kW	2.6	3.4	5.0	6.0
	SEER		5.76	5.76	5.7	5.56
	Annual Energy Consumption	kWh	158	207	307	378
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+	A+
	Pdesign	kW	2.8	2.9	4.0	4.6
	SCOP		4.37	4.22	4.05	4.16
	Annual Energy Consumption	kWh	913	978	1383	1547
Air Flow Rate (Cooling)	High / Nom / Low	m^3/sec	0.145 / 0.133 / 0.122	0.145 / 0.133 / 0.122	0.267 / 0.247 / 0.225	0.267 / 0.247 / 0.225
External Static Pressure	High / Nom	Pa	48/30	48/30	49/40	49/40
Dimensions	Height	mm	620	620	620	620
	Width	mm	790	790	1190	1190
	Depth	mm	200	200	200	200
Weight		kg	23	23	30	30
Sound Pressure (Cooling)	High / Med / Low	dBA	33 / 31 / 28	33 / 31 / 28	36 / 33 / 30	36 / 33 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	33 / 31 / 28	33 / 31 / 28	36 / 33 / 30	36 / 33 / 30
Sound Power (Cooling)		dBA	53	53	56	56

Outdoor Units			RXM25A9	RXM35A9	RXM50A8	RXM60A
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401
Weight		kg	36	36	40	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	10.92	12.69	14.76
	Max Fuse Size	A	13	13	13	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30	30
	Maximum Vertical Rise	m	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.95	0.95	0.95	1.15
Sound Pressure (Cooling)	Nominal	dBA	47	47	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49	49
Sound Power (Cooling)		dBA	58	58	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.642	0.652	0.967	0.777
Indoor Unit Trade Price (Includes: BRC1H52W7)			**£659.00**	**£811.00**	**£943.00**	**£1,035.00**
Condensing Unit Trade Price			**£723.00**	**£840.00**	**£1,054.00**	**£1,121.00**
Total System Price			**£1,382.00**	**£1,651.00**	**£1,997.00**	**£2,156.00**



RXM60A



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- All fan coils supplied as standard with air filter
- FNA-A supplied with 100mm high legs for optional mounting
- Requires very little installation space
- Low height makes it ideal for installation beneath windows



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FHA-A9 / RZAG-B

Ceiling Suspended – Mini Sky Air



Replacement Technology

50m PIPE RUN

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC7GA53-9	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
KAF501B56	Long life filter for 35 class & 50 class	£91.00
KAF501B80	Long life filter for 60 class	£157.00

Indoor Units			FHA35A9	FHA50A9	FHA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.77	3.49	4.26
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.5	5.0	6.0
	SEER		6.40	6.80	6.60
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	3.10	4.00	4.60
	SCOP		4.10	4.30	4.20
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.233 / 0.192 / 0.167	0.250 / 0.200 / 0.167	0.325 / 0.250 / 0.192
Dimensions	Height	mm	235	235	235
	Width	mm	960	960	1270
	Depth	mm	690	690	690
Weight		kg	24	25	31
Sound Pressure (Cooling)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Pressure (Heating)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Power (Cooling)		dBA	53	54	54

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.918	0.918	0.918
Meets ETL criteria				●	●
Indoor Unit Trade Price (Includes: BRC1H52W7)			**£1,067.00**	**£1,156.00**	**£1,268.00**
Condensing Unit Trade Price			**£1,194.00**	**£1,457.00**	**£1,596.00**
Total System Price			**£2,261.00**	**£2,613.00**	**£2,864.00**



RZAG35-60B



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

FHA-A9 / RXM-A

Ceiling Suspended – Perfera Condenser



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC7GA53-9	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£55.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£85.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
KAF501B56	Long life filter for 35 class & 50 class	£91.00
KAF501B80	Long life filter for 60 class	£157.00

Indoor Units			FHA35A9	FHA50A9	FHA60A9
Capacity	UK Total Cooling	kW	3.32	4.89	5.57
	UK Sensible Cooling	kW	2.71	3.48	4.13
	Nominal Cooling	kW	3.4	5.0	5.7
	Nominal Heating	kW	4.0	6.0	7.2
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A+
	Pdesign	kW	3.4	5.0	5.7
	SEER		6.24	5.84	6.08
	Annual Energy Consumption	kWh	191	300	328
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	A
	Pdesign	kW	3.10	4.35	4.71
	SCOP		4.43	3.82	3.87
	Annual Energy Consumption	kWh	979	1594	1704
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.233 / 0.192 / 0.167	0.250 / 0.200 / 0.167	0.325 / 0.250 / 0.192
Dimensions	Height	mm	235	235	235
	Width	mm	960	960	1270
	Depth	mm	690	690	690
Weight		kg	24	25	31
Sound Pressure (Cooling)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Pressure (Heating)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Power (Cooling)		dBA	53	54	54

Outdoor Units			RXM35A9	RXM50A8	RXM60A
Dimensions	Height x Width x Depth	mm	610 x 923 x 367	610 x 923 x 367	734 x 954 x 401
Weight		kg	36	40	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	12.69	14.76
	Max Fuse Size	A	13	13	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional charge	g/m	20	20	20
	Holding charge	kg	0.95	0.95	1.15
Sound Pressure (Cooling)	Nominal	dBA	47	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49
Sound Power (Cooling)		dBA	58	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.652	0.967	0.777

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,067.00**	**£1,156.00**	**£1,268.00**
Condensing Unit Trade Price	**£840.00**	**£1,054.00**	**£1,121.00**
Total System Price	**£1,907.00**	**£2,210.00**	**£2,389.00**



RXM60A



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- Suitable for ceiling heights of up to 3.8m without loss of capacity
- Vertical auto swing function



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FHA-A / RZAG-N

Ceiling Suspended – Alpha



Replacement Technology

Indoor Units			Single Phase				3 Phase			
			FHA71A9	FHA100A	FHA125A	FHA140A	FHA71A9	FHA100A	FHA125A	FHA140A
Capacity	UK Total Cooling	kW	7.76	10.85	13.6	14.93	7.76	10.85	13.6	14.93
	UK Sensible Cooling	kW	5.32	7.44	9.3	10.25	5.32	7.44	9.3	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	SEER		7.11	6.42	7.14	6.42	7.11	6.42	7.14	6.42
	ηs,c	%	-	-	283	254	-	-	283	254
	Annual Energy Consumption	kWh	335	518	1017	1253	335	518	1017	1253
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A++	-	-	A+	A++	-	-
	Pdesign	kW	4.7	7.8	9.52	9.52	4.7	7.8	9.52	9.52
	SCOP		4.32	4.61	4.2	4.3	4.32	4.61	4.2	4.3
	ηs,h	%	-	-	165	169	-	-	165	169
	Annual Energy Consumption	kWh	1523	2369	3174	3100	1523	2369	3174	3100
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.342 / 0.283 / 0.233	0.467 / 0.400 / 0.333	0.517 / 0.450 / 0.383	0.567 / 0.483 / 0.400	0.342 / 0.283 / 0.233	0.467 / 0.400 / 0.333	0.517 / 0.450 / 0.383	0.567 / 0.483 / 0.400
Dimensions	Height	mm	235	235	235	235	235	235	235	235
	Width	mm	1270	1590	1590	1590	1270	1590	1590	1590
	Depth	mm	690	690	690	690	690	690	690	690
Weight		kg	32	38	38	38	32	38	38	38
Sound Pressure (Cooling)	High / Med / Low	dBA	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38
Sound Pressure (Heating)	High / Med / Low	dBA	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38
Sound Power (Cooling)		dBA	55	60	62	64	55	60	62	64
Outdoor Units			**RZAG71NV1**	**RZAG100NV1**	**RZAG125NV1**	**RZAG140NV1**	**RZAG71NY1**	**RZAG100NY1**	**RZAG125NY1**	**RZAG140NY1**
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	85	85	81	85	85	85
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.8	22.2	27.6	27.9	11.2	14.9	15.1	15.4
	Max Fuse Size	A	20	32	32	32	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional charge	g/m	35	35	35	35	35	35	35	35
	Holding charge	kg	3.2	3.2	3.7	3.7	3.2	3.2	3.7	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	50 / 48	46 / 44	47 / 45	49 / 47	50 / 48
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	52 / 48	48 / 44	50 / 45	52 / 47	52 / 48
Sound Power (Cooling)		dBA	64	66	69	70	64	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	1.133	1.117	1.333	1.450	1.133	1.117	1.333	1.450
Meets ETL criteria			●	●	●	●	●	●	●	●
Indoor Unit Trade Price (Includes: BRC1H52W7)			**£1,479.00**	**£1,571.00**	**£1,959.00**	**£2,323.00**	**£1,479.00**	**£1,571.00**	**£1,959.00**	**£2,323.00**
Condensing Trade Unit Price			**£1,888.00**	**£2,395.00**	**£2,637.00**	**£3,010.00**	**£1,945.00**	**£2,506.00**	**£2,758.00**	**£3,170.00**
Total System Price			**£3,367.00**	**£3,966.00**	**£4,596.00**	**£5,333.00**	**£3,424.00**	**£4,077.00**	**£4,717.00**	**£5,493.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC7GA53-9	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
KAF501B80	Long life filter for 71 class	£157.00
KAF501B160	Long life filter for 100, 125 & 140 class	£179.00



RZAG71-140N



Madoka Plus BRC1KPDS1W



Madoka BRC1H52W7

Notes & Features:

- Suitable for ceiling heights of up to 3.8m without loss of capacity
- Vertical auto swing function
- Comms, computer and server room cooling with EDP settings (Alpha only)



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Advance-series

FHA-A / RZASG-M

Ceiling Suspended – Advance



Replacement Technology

Indoor Units			Single Phase				3 Phase		
			FHA71A9	FHA100A	FHA125A	FHA140A	FHA100A	FHA125A	FHA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.6	14.9	10.80	13.6	14.9
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.95	5.83	5.83	5.88	5.83	5.83	5.88
	ηs,c	%	-	-	230	232	-	230	232
	Annual Energy Consumption	kWh	400	570	1246	1368	570	1246	1368
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		3.90	3.91	3.83	3.81	3.91	3.83	3.81
	ηs,h	%	-	-	150	149	-	150	149
	Annual Energy Consumption	kWh	1616	2148	2193	2866	2148	2193	2866
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.342 / 0.283 / 0.233	0.467 / 0.400 / 0.333	0.517 / 0.450 / 0.383	0.567 / 0.483 / 0.400	0.467 / 0.400 / 0.333	0.517 / 0.450 / 0.383	0.567 / 0.483 / 0.400
Dimensions	Height	mm	235	235	235	235	235	235	235
	Width	mm	1270	1590	1590	1590	1590	1590	1590
	Depth	mm	690	690	690	690	690	690	690
Weight		kg	32	38	38	38	38	38	38
Sound Pressure (Cooling)	High / Med / Low	dBA	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38
Sound Pressure (Heating)	High / Med / Low	dBA	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38
Sound Power (Cooling)		dBA	55	60	62	64	60	62	64

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	77
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.8	22.2	28.3	27.9	14.9	15.1	15.4
	Max Fuse Size	A	20	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.933	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7)	**£1,479.00**	**£1,571.00**	**£1,959.00**	**£2,323.00**	**£1,571.00**	**£1,959.00**	**£2,323.00**
Condensing Unit Trade Price	**£1,300.00**	**£1,798.00**	**£1,971.00**	**£2,193.00**	**£1,854.00**	**£2,032.00**	**£2,261.00**
Total System Price	**£2,779.00**	**£3,369.00**	**£3,930.00**	**£4,516.00**	**£3,425.00**	**£3,991.00**	**£4,584.00**

Accessories:

Accessory Ref	Description	Trade Price
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RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00
KAF501B80	Long life filter for 71 class	£157.00
KAF501B160	Long life filter for 100, 125 & 140 class	£179.00



RZASG71M RZASG100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- Suitable for ceiling heights of up to 3.8m without loss of capacity
- Vertical auto swing function



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Active-series

FHA-A / AZAS-M /ARXM-A

Ceiling Suspended – Active



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
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KAF501B80	Long life filter for 71 class	£157.00
KAF501B160	Long life filter for 100, 125 & 140 class	£179.00

Indoor Units			Single Phase				3 Phase		
			FHA71A9	FHA100A	FHA125A	FHA140A	FHA100A	FHA125A	FHA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.6	14.9	10.80	13.6	14.9
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A	-	-	A	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.95	5.6	5.6	5.6	5.6	5.6	5.6
	ηs,c	%	-	-	221	221	-	221	221
	Annual Energy Consumption	kWh	400	594	1297	1436	594	1297	1436
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		3.90	3.87	3.75	3.81	3.87	3.75	3.81
	ηs,h	%	-	-	147	149	-	147	149
	Annual Energy Consumption	kWh	1616	2171	2240	2866	2171	2240	2866
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.342 / 0.283 / 0.233	0.467 / 0.400 / 0.333	0.517 / 0.450 / 0.383	0.567 / 0.483 / 0.400	0.467 / 0.400 / 0.333	0.517 / 0.450 / 0.383	0.567 / 0.483 / 0.400
Dimensions	Height	mm	235	235	235	235	235	235	235
	Width	mm	1270	1590	1590	1590	1590	1590	1590
	Depth	mm	690	690	690	690	690	690	690
Weight		kg	32	38	38	38	38	38	38
Sound Pressure (Cooling)	High / Med / Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
Sound Pressure (Heating)	High / Med / Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
Sound Power (Cooling)		dBA	55	60	62	64	60	62	64

Outdoor Units			ARXM71A	AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Height x Width x Depth	mm	734 x 954 x 401	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	49	72	72	79	72	72	79
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	14.93	22.2	28.3	27.9	14.9	15.1	15.4
	Max Fuse Size	A	16	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30	30	30	30	30	30
	Maximum Vertical Rise	m	20	30	30	30	30	30	30
	Precharged to	m	10	30	30	30	30	30	30
	Additional charge	g/m	35	N/A	N/A	N/A	N/A	N/A	N/A
	Holding charge	kg	1.15	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	52	53/44	53/44	54/44	53/44	53/44	54/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	57/44	57/44	57/44	57/44	57/44	57/44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.777	1.150	1.183	1.267	1.150	1.183	1.267

Indoor Unit Trade Price (Includes: BRC1H52W7)		**£1,479.00**	**£1,571.00**	**£1,959.00**	**£2,323.00**	**£1,571.00**	**£1,959.00**	**£2,323.00**
Condensing Unit Trade Price		**£1,133.00**	**£1,392.00**	**£1,562.00**	**£1,749.00**	**£1,468.00**	**£1,646.00**	**£1,844.00**
Total System Price		**£2,612.00**	**£2,963.00**	**£3,521.00**	**£4,072.00**	**£3,039.00**	**£3,605.00**	**£4,167.00**



ARXM71A AZAS100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- Suitable for ceiling heights of up to 3.8m without loss of capacity
- Vertical auto swing function



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Alpha-series

FUA-A / RZAG-N

Under Ceiling Cassette – Alpha



Replacement Technology

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC7C58	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00

Indoor Units			Single Phase			3 Phase		
			FUA71A	FUA100A	FUA125A	FUA71A	FUA100A	FUA125A
Capacity	UK Total Cooling	kW	7.76	10.85	13.6	7.76	10.85	13.6
	UK Sensible Cooling	kW	5.32	7.44	9.30	5.32	7.44	9.30
	Nominal Cooling	kW	6.8	9.5	12.1	6.8	9.5	12.1
	Nominal Heating	kW	7.5	10.8	13.5	7.5	10.8	13.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	A++	A++	-
	Pdesign	kW	6.8	9.5	12.1	6.8	9.5	12.1
	SEER		7.02	6.42	6.39	7.02	6.42	6.39
	ηs,c	%	-	-	253	-	-	253
	Annual Energy Consumption	kWh	339	518	1136	339	518	1136
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	-	A+	A+	-
	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	9.52
	SCOP		4.20	4.50	4.26	4.20	4.50	4.26
	ηs,h	%	-	-	167	-	-	167
	Annual Energy Consumption	kWh	1567	2427	3129	1567	2427	3129
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.383 / 0.325 / 0.267	0.517 / 0.425 / 0.333	0.542 / 0.442 / 0.342	0.383 / 0.325 / 0.267	0.517 / 0.425 / 0.333	0.542 / 0.442 / 0.342
Dimensions	Height	mm	198	198	198	198	198	198
	Width	mm	950	950	950	950	950	950
	Depth	mm	950	950	950	950	950	950
Weight		kg	25	26	26	25	26	26
Sound Pressure (Cooling)	High / Med / Low	dBA	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40
Sound Pressure (Heating)	High / Med / Low	dBA	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40
Sound Power (Cooling)		dBA	59	64	65	59	64	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	85	81	85	85
Electrical Details	Power Supply		1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.9	22.2	27.5	11.3	14.9	15
	Max Fuse Size	A	20	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	55	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40
	Additional charge	g/m	35	35	35	35	35	35
	Holding charge	kg	3.2	3.2	3.7	3.2	3.2	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	46 / 44	47 / 45	49 / 47
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	48 / 44	50 / 45	52 / 47
Sound Power (Cooling)		dBA	64	66	69	65	66	69
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	1.133	1.117	1.333	1.133	1.117	1.333
Meets ETL criteria			●	●	●	●	●	●
Indoor Unit Trade Price (Includes: BRC1H52W7)			**£1,372.00**	**£1,501.00**	**£1,657.00**	**£1,372.00**	**£1,501.00**	**£1,657.00**
Condensing Unit Trade Price			**£1,888.00**	**£2,395.00**	**£2,637.00**	**£1,945.00**	**£2,506.00**	**£2,758.00**
Total System Price			**£3,260.00**	**£3,896.00**	**£4,294.00**	**£3,317.00**	**£4,007.00**	**£4,415.00**



RZAG71-140N



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- Ideal for rooms, shop or offices without false ceilings
- Three step fan speed
- Comms, computer and server room cooling possible with EDP setting (Alpha only)



DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

R-32 BLUEVOLUTION

SkyAir Advance-series

FUA-A / RZASG-M

Under Ceiling Cassette – Advance



Replacement Technology

Indoor Units			Single Phase			3 Phase	
			FUA71A	FUA100A	FUA125A	FUA100A	FUA125A
Capacity	UK Total Cooling	kW	7.28	10.80	13.6	10.80	13.6
	UK Sensible Cooling	kW	4.99	7.44	9.30	7.44	9.30
	Nominal Cooling	kW	6.8	9.5	12.1	9.5	12.1
	Nominal Heating	kW	7.5	10.8	13.5	10.8	13.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	-	A+	-
	Pdesign	kW	6.8	9.5	12.1	9.5	12.1
	SEER		6.16	5.83	5.49	5.83	5.49
	ηs,c	%	-	-	217	-	217
	Annual Energy Consumption	kWh	386	570	1322	570	1322
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A+	-	A+	-
	Pdesign	kW	4.5	6.0	6.0	6.0	6.0
	SCOP		3.90	4.01	3.84	4.01	3.84
	ηs,h	%	-	-	151	-	151
	Annual Energy Consumption	kWh	1615	2095	2188	2095	2188
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.383 / 0.325 / 0.267	0.517 / 0.425 / 0.333	0.542 / 0.442 / 0.342	0.517 / 0.425 / 0.333	0.542 / 0.442 / 0.342
Dimensions	Height	mm	198	198	198	198	198
	Width	mm	950	950	950	950	950
	Depth	mm	950	950	950	950	950
Weight		kg	25	26	26	26	26
Sound Pressure (Cooling)	High / Med / Low	dBA	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40	46 / 42 / 39	47 / 43 / 40
Sound Pressure (Heating)	High / Med / Low	dBA	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40	46 / 42 / 39	47 / 43 / 40
Sound Power (Cooling)		dBA	59	64	65	64	65

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG100MY	RZASG125MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	70	70
Electrical Details	Power Supply		1ph	1ph	1ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.9	22.2	28.2	14.9	15.0
	Max Fuse Size	A	20	25	32	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30
	Precharged to	m	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.60	2.60
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	53 / 44	53 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	70	71
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/sec	0.933	1.150	1.183	1.150	1.183

Indoor Unit Trade Price (Includes: BRC1H52W7)		**£1,372.00**	**£1,501.00**	**£1,657.00**	**£1,501.00**	**£1,657.00**
Condensing Unit Trade Price		**£1,300.00**	**£1,798.00**	**£1,971.00**	**£1,854.00**	**£2,032.00**
Total System Price		**£2,672.00**	**£3,299.00**	**£3,628.00**	**£3,355.00**	**£3,689.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	£179.00
BRC1KPD51K	Enhanced wired touch screen controller - Black	£195.00
BRC1H52W7	Wired touch screen controller - White	£133.00
BRC1H52S7	Wired touch screen controller - Silver	£140.00
BRC1H52K7	Wired touch screen controller - Black	£145.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£120.00
BRC7C58	Wireless remote controller	£253.00
K.RSS	Wireless room mounted temperature sensor and receiver	£147.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£307.00
KRCS01-4	Remote room mounted temperature sensor	£62.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£141.00
RS-SE	Service and configuration tool for K.RSS	£152.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£385.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£413.00
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV	£300.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£490.00
K.CWBXL	Wall bracket (250kg, 660mm support arm)	£111.00
K.DT2	Condensate drip tray for use with K.CWBXL	£94.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£73.00



RZASG71M RZASG100-140M



Madoka Plus BRC1KPD51W



Madoka BRC1H52W7

Notes & Features:

- Ideal for rooms, shop or offices without false ceilings
- Three step fan speed

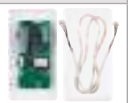


DAIKIN onecta

WI-FI ADAPTOR AVAILABLE AS AN OPTION

Split System Controls
Remote Controllers and Interface Adaptors

Infrared Controllers				
Applicable Indoor Unit		**Model**	**Description**	**Trade Price**
Wall Mounted	Ururu Sarara (FTXZ-N)	ARC477A1	Wireless Remote Controller (Heat Pump)	**Supplied with Unit**
	Emura (FTXJ-AW/S/B9)	ARC488A1W/S/B	Wireless Remote Controller (Heat Pump)	**Supplied with Unit**
	Stylish (C/FTXA-CW/S/B)	ARC466A85	Wireless Remote Controller (Heat Pump)	**Supplied with Unit**
	Perfera - Wall (FTXM-A)	ARC466A86	Wireless Remote Controller (Heat Pump)	**Supplied with Unit**
	Comfora (FTXP-N9)	ARC480A78 (20-35) ARC480A53 (50-71)"	Wireless Remote Controller (Heat Pump)	**Supplied with Unit**
Concealed Ceiling	Slim Duct (FDXM-F9)	BRC4C65	Wireless Remote Controller (Heat Pump)	**£253.00**
	Ducted (FBA-A9)	BRC4C65	Wireless Remote Controller (Heat Pump)	**£253.00**
Ceiling	Round flow (FCAG-B)	BRC7FA532F	Wireless Remote Controller (Heat Pump) White Panels *NOT compatible with self cleaning panel	**£253.00**
		BRC7FB532F	Wireless Remote Controller (Heat Pump) White designer panel	**£170.00**
		BRC7FA532FB	Wireless Remote Controller (Heat Pump) Black Panels *NOT compatible with self cleaning panel	**£253.00**
		BRC7FB532FB	Wireless Remote Controller (Heat Pump) White designer panel	**£170.00**
	Fully Flat (FFA-A9)	BRC7EB530W	Wireless Remote Controller (Heat Pump) for Old Style Decoration Panel	**£253.00**
		BRC7F530W	Wireless Remote Controller (Heat Pump) for White Ceiling Decoration Panel	**£253.00**
		BRC7F530S	Wireless Remote Controller (Heat Pump) for White Ceiling Decoration Panel	**£253.00**
	Suspended (FHA-A9)	BRC7GA53-9	Wireless Remote Controller (Heat Pump)	**£253.00**
Floor Standing	Perfera - Floor (C/FVXM-B)	ARC466A66	Wireless Remote Controller (Heat Pump)	**Supplied with Unit**
	Concealed Floor (FNA-A9)	BRC4C65	Wireless Remote Controller (Heat Pump)	**£253.00**

Accessories	**KRP413A1S**	**KRP928A2S**	**RTD-RA**	**KLIC-DDV3**	**BRC073**	**BRP069B42**
						
Type of Control	**BMS Interface**				**Hardwired Remote Controller**	**Wi-Fi adapter for ONECTA**
Interface Method	Unit	Unit	Unit	Unit	Unit	Unit - Ururu Sarara (FTXZ-N)
Control Protocol	Daikin	Daikin	Modbus	KNX	Daikin	Daikin
Resistance control	✓	✓	-	-	-	-
Control Functions						
On/Off	✓	✓	✓	✓	✓	✓
Temperature Set Point	-	-	✓	✓	✓	✓
Operating Mode	-	-	✓	✓	✓	✓
Fan Speed	-	-	✓	✓	✓	✓
Louver Setting	-	-	✓	✓	✓	✓
Control Prohibit / Restrict settings	-	-	-	-	√	-
Temperature SetPoint Limits	-	-	✓	✓	✓	-
Scene Creation	-	-	-	✓	-	✓
Temperature Set Back	-	-	✓	-	-	-
F1/F2 connection	-	✓	-	-	-	-
Hardwired Remote Controller Interface	-	✓	-	-	✓	-
Humidity Control	-	-	-	✓	-	✓
Monitoring Functions						
Thermostat On	-	-	✓	-	-	-
Fan Operation	-	-	✓	✓	✓	✓
Louvre Position	-	-	✓	✓	✓	✓
Fault	✓	✓	✓	✓	✓	✓
Fault Code	-	-	✓	✓	✓	✓
Coil In temperature	-	-	✓	-	-	-
Energy Consumption	-	-	-	-	-	✓

Interface	**KRP413A1S**	**KRP928A2S**	**RTD-RA**	**KLIC-DDV3**	**BRC073**	**BRP069B42**
Trade Price	**£121.00**	**£218.00**	**£251.00**	**£270.00**	**£129.00**	**£98.00**

Associated Items						
Wiring adapter - required for use with FTXJ-A, C/FTXA-C, FTXM-A, FVXM-B	EKRS21	EKRS21	EKRS21	EKRS21	EKRS21	EKRS21
Trade Price	**£9.00**	**£9.00**	**£9.00**	**£9.00**	**£9.00**	**£9.00**
Wiring adapter - required for use with FTXP-N9	KRP980A1	KRP980A1	KRP980A1	KRP980A1	KRP980A1	KRP980A1
Trade Price	**£79.00**	**£79.00**	**£79.00**	**£79.00**	**£79.00**	**£79.00**

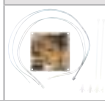
Notes:

- BRC073 only suitable for FTXZ-N, FTXJ-AW/S/B, FTXA-CW/S/B, FTXM-A/R, FVXM-B
- If a hard wired controller is required for other indoor units, please see Sky Air Controls

Split & Sky Air Accessories

Model		Description	Related Unit	Trade Price
	**BYCQ140E**	Roundflow cassette decoration panel - white	FCAG-B / FCAHG-H	**£235.00**
	BYCQ140EW	Roundflow cassette decoration panel - white with white louvres	FCAG-B / FCAHG-H	**£266.00**
	BYCQ140EB	Roundflow cassette decoration panel - black	FCAG-B / FCAHG-H	**£260.00**
	BYCQ140EGF	Roundflow cassette decoration panel - white with self cleaning filter	FCAG-B / FCAHG-H	**£513.00**
	BYCQ140EGFB	Roundflow cassette decoration panel - black with self cleaning filter	FCAG-B / FCAHG-H	**£563.00**
	**BYCQ140EP**	Roundflow cassette designer decoration panel - white	FCAG-B / FCAHG-H	**£447.00**
	BYCQ140EPB	Roundflow cassette designer decoration panel - black	FCAG-B / FCAHG-H	**£491.00**
	BRYQ140B	Integral floor and presence PIR sensor for Roundflow Cassette panels (White)	FCAG-B / FCAHG-H (not compatible with autoclean or designer panels)	**£162.00**
	BRYQ140BB	Integral floor and presence PIR sensor for Roundflow Cassette panels (Black)	FCAG-B / FCAHG-H (not compatible with autoclean or designer panels)	**£178.00**
	**BAEF125AWB**	UVC + Flash Streamer Adapter	FCAG-B / FCAHG-H	**£579.00**
	BAF552AA160	High Efficiency Filters for Roundflow Cassette - ePM10 65% (G4/M5)	FCAG-B / FCAHG-H (not compatible with autoclean or designer panels)	**£42.00**
	BAF552AA160-5	High Efficiency Filters for Roundflow Cassette - ePM10 65% (G4/M5) - 5 x pack	FCAG-B / FCAHG-H (not compatible with autoclean or designer panels)	**£182.00**
	BAF552AA160-10	High Efficiency Filters for Roundflow Cassette - ePM10 65% (G4/M5) - 10 x pack	FCAG-B / FCAHG-H (not compatible with autoclean or designer panels)	**£334.00**
	KAF5511D160	Long Life Filter Replacement (Cannot be used with High Efficiency Filters or BAEF125AWB)	FCAG-B / FCAHG-H	**£147.00**
	**BYFQ60CS**	Fully Flat Cassette Decoration Panel - Silver	FFA-A9	**£329.00**
	BYFQ60CW	Fully Flat Cassette Decoration Panel - White	FFA-A9	**£329.00**
	BYFQ60B3	Fully Flat Cassette Decoration Panel - Old Style (FFQ-B9V style)	FFA-A9	**£282.00**
	BRYQ60AW	Integral floor and presence PIR sensor for Roundflow Cassette panels (White)	FFA-A9	**£162.00**
	BRYQ60AS	Integral floor and presence PIR sensor for Roundflow Cassette panels (Silver)	FFA-A9	**£162.00**
	**KDBHQ56B140**	Sealing member for air discharge outlet	FCAG-B / FCAHG-H	**£148.00**
	BDBHQ44C60	Sealing member for air discharge outlet - Fully Flat cassette	FFA-A9	**£150.00**
	KDDP55C160-1 (Suction chamber) KDDP55D160-2 (connecting chamber)	Fresh air intake kit for up to 20% fresh air (Not compatible with self-cleaning decoration panel)	FCAG-B / FCAHG-H	**£395.00**
	KDDQ44XA60	Fresh air intake kit for up to 20% fresh air	FFA-A9	**£204.00**

Model		Description	Related Unit	Trade Price
	**UK.RC2**	2x200mm Return air spigot	FBA 35 / 50 A9	**£121.00**
	UK.RC3	2x200mm Return air spigot	FBA 60 / 71 A9	**£134.00**
	UK.RC3A	3x200mm Return air spigot	FBA 60 / 71 A9	**£146.00**
	UK.RC4	4x200mm Return air spigot	FBA 100 / 125 / 140 A	**£181.00**
	**UK.SF2**	2x200mm Supply air spigot	FBA 35 / 50 A9	**£111.00**
	UK.SF3	2x200mm Supply air spigot	FBA 60 / 71 A9	**£121.00**
	UK.SF3A	3x200mm Supply air spigot	FBA 60 / 71 A9	**£129.00**
	UK.SF4	4x200mm Supply air spigot	FBA 100 / 125 / 140 A	**£162.00**
	UK.RAC5	2x150mm Return air spigot	FDXM 25 / 35 F9	**£118.00**
	UK.RAC7	4x150mm Return air spigot	FDXM 50 / 60 F9	**£151.00**
	UK.SAF6	3x150mm Supply air spigot	FDXM 25 / 35 F9	**£112.00**
	UK.SAF7	4x150mm Supply air spigot	FDXM 50 / 60 F9	**£132.00**
	BAFL502A250	30mm Long Life Filter Coarse	FDA 200 / 250 A	**£304.00**
	BKWP55A1401	No Slope Drain Kit - (For installs with up to 6m flexible drain)	FCAG-B, FCAHG-H, FFA-A9, FDXM-F9, FBA-A(9), FDA125A(up to 4m)	**£57.00**
	BKWP55A1402	No Slope Drain Kit - (For installs with up to 20m flexible drain)	FCAG-B, FCAHG-H, FFA-A9, FDXM-F9, FBA-A(9), FDA125A	**£114.00**
	**KRCS01-4**	Remote room mounted temperature sensor	FAA-B, FDA125A, FBA-A(9), FHA-A(9), FUA-A	**£62.00**
	KRCS01-5B	Remote room mounted temperature sensor	FCAG-B, FCAHG-H	**£138.00**
	KRCS01-6B	Remote room mounted temperature sensor	FDA 200 / 250 A	**£138.00**
	UK.MVR300/R32	R-32 Room based refrigerant gas detector	All Sky Air, All Splits (requires KRP413A1S for on/off signal)	**£425.00**
	**K.FF600S**	Two Flexi-Feet (Standard 600mm x 185mm x 100mm) - Rubber Condenser Feet	ALL Split & Sky Air Condensers	**£73.00**
	**K.CWB90-2**	Wall bracket (90kg, 500mm support arm)	ALL Split & Sky Air Condensers. CHECK weight & depth of condenser	**£55.00**
	K.CWB140-2	Wall bracket (140kg, 540mm support arm)	ALL Split & Sky Air Condensers. CHECK weight & depth of condenser	**£73.00**
	K.CWBXL	Wall bracket (250kg, 660mm support arm)	ALL Split & Sky Air Condensers. CHECK weight & depth of condenser	**£111.00**
	**K.DT1**	Condensate drip tray (W)800mm, (D)400mm - Drain: 1/2" BSP	ALL Split & Sky Air Condensers. CHECK width & depth of condenser	**£85.00**
	K.DT2	Condensate drip tray (W)1100mm, (D)400mm - Drain: 1/2" BSP	ALL Split & Sky Air Condensers. CHECK width & depth of condenser	**£94.00**
	K.CGS	Condensing Unit Guard 750 x 1050 x 460mm (HxWxD - external dimensions)	ALL Split & Sky Air Condensers - Maximum unit size: 720 x 1020 x 450mm (HxWxD)	**£355.00**
	K.CGM	Condensing Unit Guard 1150 x 1150 x 650mm (HxWxD - external dimensions)	ALL Split & Sky Air Condensers - Maximum unit size: 1120 x 1120 x 640mm (HxWxD)	**£490.00**
	K.CGL	Condensing Unit Guard 1450 x 1150 x 650mm (HxWxD - external dimensions)	ALL Split & Sky Air Condensers - Maximum unit size: 1420 x 1120 x 640mm (HxWxD)	**£586.00**

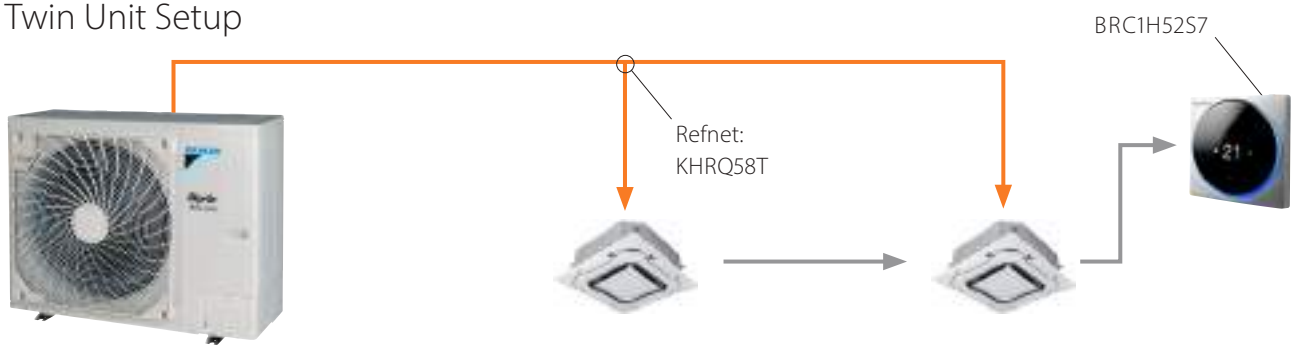
	KRP4A53	EKMBPP1A	RTD-10		RTD-20	KLIC-DI_V2	BRC1KPD51W / K	BRC1H52W7/ S7/K7	BRC7EA631	BRC7EA632	BRC7GA53-9	BRC7C58	BRC7EB530W	BRC7F530 S / W	BRC7FA532 F / FB	BRC4C65	BRP069C81	BRP069C82
	BMS Interface						Enhanced Wired Touch Screen Controller	Wired Touch Screen Controller	Infrared Remote Controller								Wi-Fi adapter for ONECTA	
																		
Interface Method	Unit/Group	Unit/Group	Unit/Group		Unit/Group	Unit/Group	Unit/Group	Unit/Group	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit
Control Protocol	Daikin	Modbus	Modbus	-	Modbus	KNX	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin	Daikin
0-10 Volt control	-	-	-	✓	✓	-		-	-	-	-	-	-	-	-	-	-	-
Resistance control	✓	-	-	✓	✓	-		-	-	-	-	-	-	-	-	-	-	-
Control Functions																		
On/Off	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SetPoint	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Operating Mode	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fan Speed	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Louver Setting	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VAM Damper control	-	✓	✓	✓	✓	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Control Prohibit / Restrict settings	-	✓	✓	✓	✓	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Temperature SetPoint Limits	-	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
Scene Creation	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	✓	✓
Smart Grid	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature Set Back	-	-	-	-	✓	-	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Key Card + Window Contact	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Heating Interlock	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Run / Standby	-	-	-	✓	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Indoor Unit Field Settings	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
Off Timer	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Monitoring Functions																		
On/Off	✓	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Temperature Set Point	-	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Operating Mode	-	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Thermostat On	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
Fan Operation	-	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Louvre Position	-	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Fault	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Fault Code	-	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Remote Controller temperature	-	✓	✓	-	✓	-	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Remote Controller Mode	-	✓	✓	-	✓	-	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Number of Units	-	✓	✓	-	✓	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Return Air Temp (Avg/Min/Max)	-	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Coil In/Out temperature	-	✓	✓	-	✓	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Filter Alarm	-	✓	✓	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Defrost Operation	-	✓	✓	✓	✓	-	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Energy Consumption	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	✓	✓
Prices																		
Interface	KRP4A53	EKMBPP1A	RTD-10		RTD-20	KLIC-DI_V2	BRC1KPD51W/K	BRC1H52W7/S7/K7	BRC7EA631	BRC7EA632	BRC7GA53-9	BRC7C58	BRC7EB530W	BRC7F530S/W	BRC7FA532F/FB	BRC4C65	BRP069C81	BRP069C82
Trade Price	**£105.00**	**£264.00**	**£348.00**		**£375.00**	**£307.00**	**£179.00 / £195.00**	**£133.00 / £140.00 / £145.00**	**£199.00**	**£199.00**	**£253.00**	**£253.00**	**£253.00**	**£253.00**	**£253.00**	**£253.00**	**£120.00**	**£120.00**
Associated Items																		
Mounting Box	UK.FB2	UK.FB2	UK.FB2		UK.FB2	-	-	-	-	-	-	-	-	-	-	-	-	-
Extension wire for Wifi Adaptor installed with Auto Cleaning panel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EWHAR1
Trade Price	**£36.00**	**£36.00**	**£36.00**		**£36.00**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**£13.00**
Compatibility	All SkyAir	All SkyAir	All SkyAir	All SkyAir	All SkyAir	All SkyAir	All SkyAir	All SkyAir	FAA71B	FAA100B	FHA-A	FUA-A	FFA-A c/w BYFQ60B4	FFA-A c/w BYFQ60AS / CS / AW / CW	FCAG-B, FCAHG-H c/w BYCQ140EW / EGF / EGFB	FDXM-F9, FBA-A9, FDA-A, FNA-A9	FAA-B, FHA-A, FUA-A, FFA-A, FDXM-F9, FBA-A, FDA125A, FVA-A, FNA-A9	FCAG-B, FCAHG-H, FDA200 & 250A

Sky Air Twin, Triple and Double Twin Systems

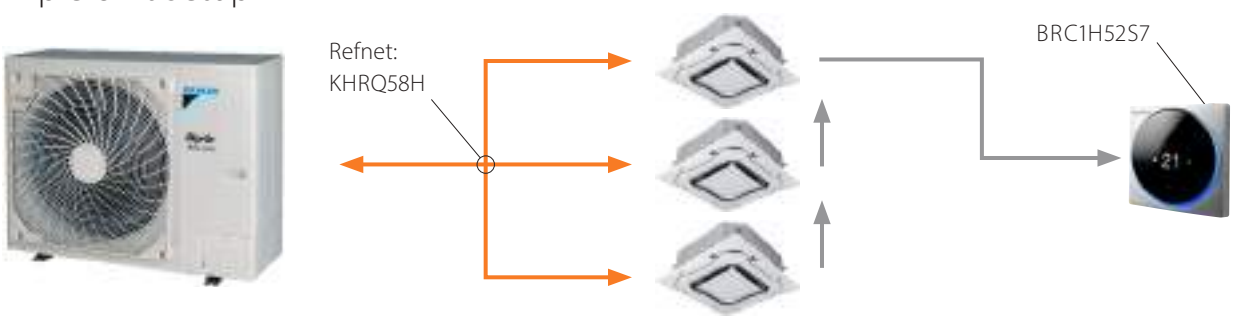
R-32 BLUEVOLUTION

SkyAir Alpha-series SkyAir Advance-series

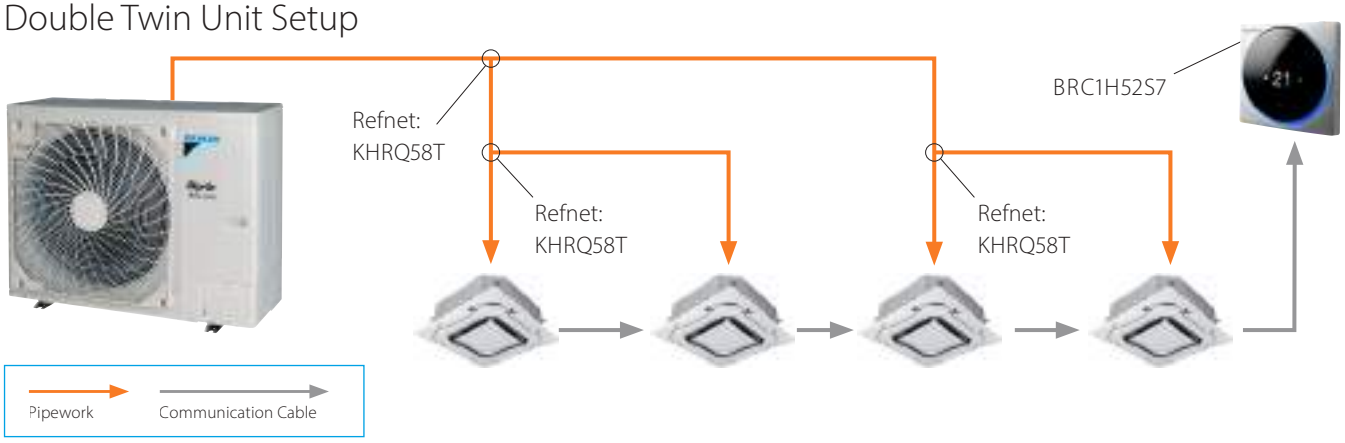
Twin Unit Setup



Triple Unit Setup



Double Twin Unit Setup



Benefits of Twin, Triple & Double Twin Split Systems

- Designed for large open spaces, where multiple units are required to distribute airflow evenly
- One controller that controls all units simultaneously
- One condenser can be connected with up to four indoor units
- Units run on R-32 refrigerant with a GWP of only 675





KHRQ58T KHRQ58H

R-32 BLUEVOLUTION

SkyAir Alpha-series SkyAir Advance-series

RZAG-N, RZASG-M & RZA-D

Sky Air Alpha, Advance



RZAG-N

Replacement Technology



RZASG-M



RZA-D

Outdoor Units			Alpha							
			Single Phase				3 Phase			
			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG140NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1	RZAG140NY1
Dimensions	Height	mm	870	870	870	870	870	870	870	870
	Width	mm	1100	1100	1100	1100	1100	1100	1100	1100
	Depth	mm	460	460	460	460	460	460	460	460
Weight		kg	81	85	95	95	81	85	95	95
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Max Fuse Size	A	20	32	32	32	16	16	16	16
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional Charge	g/m	35	35	35	35	35	35	35	35
	Holding Charge	kg	3.2	3.2	3.7	3.7	3.2	3.2	3.7	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	50 / 48	46 / 44	47 / 45	49 / 47	50 / 48
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	52 / 48	48 / 44	50 / 45	52 / 47	52 / 48
Sound Power (Cooling)			64	66	69	70	64	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	1.133	1.117	1.333	1.450	1.133	1.117	1.333	1.450
Condensing Unit Trade Price			**£1,888.00**	**£2,395.00**	**£2,637.00**	**£3,010.00**	**£1,945.00**	**£2,506.00**	**£2,758.00**	**£3,170.00**

Outdoor Units			Advance								
			Single Phase				3 Phase				
			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY	RZA200D	RZA250D
Dimensions	Height	mm	770	990	990	990	990	990	990	870	870
	Width	mm	900	940	940	940	940	940	940	1100	1100
	Depth	mm	320	320	320	320	320	320	320	460	460
Weight		kg	60	70	70	77	70	70	77	117	117
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph	3ph
	Max Fuse Size	A	20	25	32	32	16	16	16	20	20
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 2.5	3+E / 2.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 7/8 (22.2)	3/8 (9.5) / 7/8 (22.2)
Pipework	Maximum Length	m	50	50	50	50	50	50	50	100	100
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30	30	30
	Additional Charge	g/m	35	35	35	35	35	35	35	45	45
	Holding Charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90	5.00	5.00
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44	53	57
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	60	63
Sound Power (Cooling)			65	70	71	73	70	71	73	73	76
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-20/46	-20/46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-20/15	-20/15
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.933	1.150	1.183	1.267	1.150	1.183	1.267	1.683	1.983
Condensing Unit Trade Price			**£1,300.00**	**£1,798.00**	**£1,971.00**	**£2,193.00**	**£1,854.00**	**£2,032.00**	**£2,261.00**	**£4,044.00**	**£4,368.00**

Possible Combinations

Sky Air Alpha
Twin, Triple and Double Twin Combinations



Outdoor		Indoor Type	Material	Remote	Refnet	System Price
7.1kW Twin	RZAG71NV1 Single Phase	Cassette	2 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58T	**£4,012.00**
		600 x 600 Fully Flat Cassette	2 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,060.00**
		Ceiling Suspended	2 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,930.00**
		Ducted	2 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,456.00**
		Slim Duct	2 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,222.00**
		Concealed Floor Standing	2 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,418.00**
	RZAG71NY1 Three Phase	Cassette	2 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58T	**£4,069.00**
		600 x 600 Fully Flat Cassette	2 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,117.00**
		Ceiling Suspended	2 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,987.00**
		Ducted	2 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,513.00**
		Slim Duct	2 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,279.00**
		Concealed Floor Standing	2 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,475.00**
10kW Twin	RZAG100NV1 Single Phase	Cassette	2 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58T	**£4,563.00**
		600 x 600 Fully Flat Cassette	2 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,789.00**
		Ceiling Suspended	2 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,615.00**
		Ducted	2 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,049.00**
		Slim Duct	2 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,847.00**
		Concealed Floor Standing	2 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,189.00**
	RZAG100NY1 Three Phase	Cassette	2 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58T	**£4,674.00**
		600 x 600 Fully Flat Cassette	2 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,900.00**
		Ceiling Suspended	2 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,726.00**
		Ducted	2 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,160.00**
		Slim Duct	2 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,958.00**
		Concealed Floor Standing	2 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,300.00**
10kW Triple	RZAG100NV1 Single Phase	Cassette	3 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58H	**£5,554.00**
		600 x 600 Fully Flat Cassette	3 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,626.00**
		Ceiling Suspended	3 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,431.00**
		Ducted	3 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,720.00**
		Slim Duct	3 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,369.00**
		Concealed Floor Standing	3 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,663.00**
	RZAG100NY1 Three Phase	Cassette	3 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58H	**£5,665.00**
		600 x 600 Fully Flat Cassette	3 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,737.00**
		Ceiling Suspended	3 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,542.00**
		Ducted	3 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,831.00**
		Slim Duct	3 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,480.00**
		Concealed Floor Standing	3 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,774.00**
12kW Twin	RZAG125NV1 Single Phase	Cassette	2 x FCAG60B	1 x BRC1H52W7	1 x KHRQ58T	**£4,943.00**
		600 x 600 Fully Flat Cassette	2 x FFA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,167.00**
		Ceiling Suspended	2 x FHA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,081.00**
		Ducted	2 x FBA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,471.00**
		Slim Duct	2 x FDXM60F9	1 x BRC1H52W7	1 x KHRQ58T	**£4,235.00**
		Concealed Floor Standing	2 x FNA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,615.00**
	RZAG125NY1 Three Phase	Cassette	2 x FCAG60B	1 x BRC1H52W7	1 x KHRQ58T	**£5,064.00**
		600 x 600 Fully Flat Cassette	2 x FFA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,288.00**
		Ceiling Suspended	2 x FHA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,202.00**
		Ducted	2 x FBA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,592.00**
		Slim Duct	2 x FDXM60F9	1 x BRC1H52W7	1 x KHRQ58T	**£4,356.00**
		Concealed Floor Standing	2 x FNA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,736.00**
12kW Triple	RZAG125NV1 Single Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£5,862.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,201.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,940.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,091.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,788.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,301.00**
	RZAG125NY1 Three Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£5,983.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,322.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,061.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,212.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,909.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,422.00**

Possible Combinations

Sky Air Alpha Twin, Triple and Double Twin Combinations



Outdoor		Indoor Type	Material	Remote	Refnet	System Price
12kW Double Twin	RZAG125NV1 Single Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£6,711.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,807.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,547.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,599.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£5,131.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,523.00**
	RZAG125NY1 Three Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£6,832.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,928.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,668.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,720.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£5,252.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,644.00**
14kW Twin	RZAG140NV1 Single Phase	Cassette	2 x FCAG71B	1 x BRC1H52W7	1 x KHRQ58T	**£5,454.00**
		Hi-COP Cassette	2 x FCAHG71H	1 x BRC1H52W7	1 x KHRQ58T	**£5,454.00**
		Under Ceiling Cassette	2 x FUA71A	1 x BRC1H52W7	1 x KHRQ58T	**£5,662.00**
		Wall Mount	2 x FAA71B	1 x BRC1H52W7	1 x KHRQ58T	**£5,316.00**
		Ceiling Suspended	2 x FHA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,876.00**
		Ducted	2 x FBA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,672.00**
		Floor Standing	2 x FVA71A	1 x BRC1H52W7	1 x KHRQ58T	**£6,104.00**
	RZAG140NY1 Three Phase	Cassette	2 x FCAG71B	1 x BRC1H52W7	1 x KHRQ58T	**£5,614.00**
		Hi-COP Cassette	2 x FCAHG71H	1 x BRC1H52W7	1 x KHRQ58T	**£5,614.00**
		Under Ceiling Cassette	2 x FUA71A	1 x BRC1H52W7	1 x KHRQ58T	**£5,822.00**
		Wall Mount	2 x FAA71B	1 x BRC1H52W7	1 x KHRQ58T	**£5,476.00**
		Ceiling Suspended	2 x FHA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£6,036.00**
		Ducted	2 x FBA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,832.00**
		Floor Standing	2 x FVA71A	1 x BRC1H52W7	1 x KHRQ58T	**£6,264.00**
14kW Triple	RZAG140NV1 Single Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£6,235.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,574.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,313.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,464.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£5,161.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,674.00**
	RZAG140NY1 Three Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£6,395.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,734.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£6,473.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,624.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£5,321.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,834.00**
14kW Double Twin	RZAG140NV1 Single Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£7,084.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£7,180.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,920.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,972.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£5,504.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,896.00**
	RZAG140NY1 Three Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£7,244.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£7,340.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£7,080.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,132.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£5,664.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,056.00**

Accessories:

Accessory Ref	Description	Trade Price
K.CWBXL	Wall bracket (250kg, 660mm support arm)	**£111.00**
K.DT2	Condensate drip tray for use with K.CWBXL	**£94.00**
K.CGM	Condensing unit guard (1150 x 1150 x 650)	**£490.00**

Accessories for fan coils - refer to pair system pages

Maximum Fuse size for Twin, Triple and Double Twin Outdoor Units

Outdoor Units	Power	71	100	125	140
RZAG	Single Phase	20 amp	32 amp	32 amp	32 amp
	Three Phase	16 amp	16 amp	16 amp	16 amp

Note:
Max fuse size based on current price list series indoor units. Refer to data-book for more details.

Possible Combinations

Sky Air Advance Twin, Triple and Double Twin Combinations



Outdoor		Indoor Type	Material	Remote	Refnet	System Price
7.1kW Twin	RZASG71MV1 Single Phase	Cassette	2 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58T	**£3,424.00**
		600 x 600 Fully Flat Cassette	2 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,472.00**
		Ceiling Suspended	2 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,342.00**
		Ducted	2 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£2,868.00**
		Slim Duct	2 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58T	**£2,634.00**
		Concealed Floor Standing	2 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58T	**£2,830.00**
10kW Twin	RZASG100MV Single Phase	Cassette	2 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58T	**£3,966.00**
		600 x 600 Fully Flat Cassette	2 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,192.00**
		Ceiling Suspended	2 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,018.00**
		Ducted	2 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,452.00**
		Slim Duct	2 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,250.00**
		Concealed Floor Standing	2 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,592.00**
	RZASG100MY Three Phase	Cassette	2 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58T	**£4,022.00**
		600 x 600 Fully Flat Cassette	2 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,248.00**
		Ceiling Suspended	2 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,074.00**
		Ducted	2 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,508.00**
		Slim Duct	2 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,306.00**
		Concealed Floor Standing	2 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,648.00**
10kW Triple	RZASG100MV Single Phase	Cassette	3 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58H	**£5,013.00**
		600 x 600 Fully Flat Cassette	3 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,085.00**
		Ceiling Suspended	3 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,890.00**
		Ducted	3 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,179.00**
		Slim Duct	3 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58H	**£3,828.00**
		Concealed Floor Standing	3 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,122.00**
	RZASG100MY Three Phase	Cassette	3 x FCAG35B	1 x BRC1H52W7	1 x KHRQ58H	**£5,013.00**
		600 x 600 Fully Flat Cassette	3 x FFA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,085.00**
		Ceiling Suspended	3 x FHA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,890.00**
		Ducted	3 x FBA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,179.00**
		Slim Duct	3 x FDXM35F9	1 x BRC1H52W7	1 x KHRQ58H	**£3,828.00**
		Concealed Floor Standing	3 x FNA35A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,122.00**
12kW Twin	RZASG125MV Single Phase	Cassette	2 x FCAG60B	1 x BRC1H52W7	1 x KHRQ58T	**£4,277.00**
		600 x 600 Fully Flat Cassette	2 x FFA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,501.00**
		Ceiling Suspended	2 x FHA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,415.00**
		Ducted	2 x FBA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,805.00**
		Slim Duct	2 x FDXM60F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,569.00**
		Concealed Floor Standing	2 x FNA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,949.00**
	RZASG125MY Three Phase	Cassette	2 x FCAG60B	1 x BRC1H52W7	1 x KHRQ58T	**£4,338.00**
		600 x 600 Fully Flat Cassette	2 x FFA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,562.00**
		Ceiling Suspended	2 x FHA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,476.00**
		Ducted	2 x FBA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£3,866.00**
		Slim Duct	2 x FDXM60F9	1 x BRC1H52W7	1 x KHRQ58T	**£3,630.00**
		Concealed Floor Standing	2 x FNA60A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,010.00**
12kW Triple	RZASG125MV Single Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£5,257.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,596.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,335.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,486.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,183.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,696.00**
	RZASG125MY Three Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£5,257.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,596.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,335.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,486.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,183.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,696.00**

Possible Combinations

Sky Air Advance Twin, Triple and Double Twin Combinations



Outdoor		Indoor Type	Material	Remote	Refnet	System Price
12kW Double Twin	RZASG125MV Single Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£6,127.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,223.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,963.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,015.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£4,547.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£4,939.00**
	RZASG125MY Three Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£6,188.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,284.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,024.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,076.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£4,608.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,000.00**
14kW Twin	RZASG140MV Single Phase	Cassette	2 x FCAG71B	1 x BRC1H52W7	1 x KHRQ58T	**£4,637.00**
		Hi-COP Cassette	2 x FCAHG71H	1 x BRC1H52W7	1 x KHRQ58T	**£4,637.00**
		Under Ceiling Cassette	2 x FUA71A	1 x BRC1H52W7	1 x KHRQ58T	**£4,845.00**
		Wall Mount	2 x FAA71B	1 x BRC1H52W7	1 x KHRQ58T	**£4,499.00**
		Ceiling Suspended	2 x FHA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,059.00**
		Floor Standing	2 x FVA71A	1 x BRC1H52W7	1 x KHRQ58T	**£5,287.00**
		Ducted	2 x FBA71A	1 x BRC1H52W7	1 x KHRQ58T	**£4,855.00**
	RZASG140MY Three Phase	Cassette	2 x FCAG71B	1 x BRC1H52W7	1 x KHRQ58T	**£4,705.00**
		Hi-COP Cassette	2 x FCAHG71H	1 x BRC1H52W7	1 x KHRQ58T	**£4,705.00**
		Under Ceiling Cassette	2 x FUA71A	1 x BRC1H52W7	1 x KHRQ58T	**£4,913.00**
		Wall Mount	2 x FAA71B	1 x BRC1H52W7	1 x KHRQ58T	**£4,567.00**
		Ceiling Suspended	2 x FHA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£5,127.00**
		Floor Standing	2 x FVA71A	1 x BRC1H52W7	1 x KHRQ58T	**£5,355.00**
		Ducted	2 x FBA71A9	1 x BRC1H52W7	1 x KHRQ58T	**£4,923.00**
14kW Triple	RZASG140MV Single Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£5,418.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,757.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,496.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,647.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,344.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,857.00**
	RZASG140MY Three Phase	Cassette	3 x FCAG50B	1 x BRC1H52W7	1 x KHRQ58H	**£5,486.00**
		600 x 600 Fully Flat Cassette	3 x FFA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,825.00**
		Ceiling Suspended	3 x FHA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£5,564.00**
		Ducted	3 x FBA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,715.00**
		Slim Duct	3 x FDXM50F9	1 x BRC1H52W7	1 x KHRQ58H	**£4,412.00**
		Concealed Floor Standing	3 x FNA50A9	1 x BRC1H52W7	1 x KHRQ58H	**£4,925.00**
14kW Double Twin	RZASG140MV Single Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£6,349.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,445.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,185.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,237.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£4,769.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,161.00**
	RZASG140MY Three Phase	Cassette	4 x FCAG35B	1 x BRC1H52W7	3 x KHRQ58T	**£6,417.00**
		600 x 600 Fully Flat Cassette	4 x FFA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,513.00**
		Ceiling Suspended	4 x FHA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£6,253.00**
		Ducted	4 x FBA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,305.00**
		Slim Duct	4 x FDXM35F9	1 x BRC1H52W7	3 x KHRQ58T	**£4,837.00**
		Concealed Floor Standing	4 x FNA35A9	1 x BRC1H52W7	3 x KHRQ58T	**£5,229.00**

Accessories:

Accessory Ref	Description	Trade Price
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	**£55.00**
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	**£73.00**
K.DT1	Condensate drip tray for use with K.CWB90-2	**£85.00**
K.DT2	Condensate drip tray for use with Sky Air ODU - tray width 1100mm	**£94.00**
K.CGM	Condensing unit guard (1150 x 1150 x 650)	**£490.00**
K.CGL	Condensing unit guard size (1450 x 1150 x 650)	**£586.00**

Accessories for fan coils - refer to pair system pages

Maximum Fuse size for Twin, Triple and Double Twin Outdoor Units

Outdoor Units	Power	71	100	125	140
RZASG	Single Phase	20 amp	25 amp	32 amp	32 amp
	Three Phase	-	16 amp	16 amp	16 amp

Note:
Max fuse size based on current price list series indoor units. Refer to data-book for more details.

Possible Combinations

Large Sky Air Advance Twin, Triple and Double Twin Combinations



Twin, Triple and Double Twin Combinations

Outdoor		Indoor Type	Material	Remote	Refnet	Meets ETL Criteria	System Price
20kW Pair	RZA200D Three Phase	High Static Ducted	1 x FDA200A	1 x BRC1H52W7	--		**£6,763.00**
25kW Pair	RZA250D Three Phase	High Static Ducted	1 x FDA250A	1 x BRC1H52W7	--		**£7,699.00**
20kW Twin	RZA200D Three Phase	Cassette	2 x FCAG100B	1 x BRC1H52W7	1 x KHRQ22M20TA		**£6,843.00**
		Under Ceiling Cassette	2 x FUA100A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£6,979.00**
		Wall Mount	2 x FAA100B	1 x BRC1H52W7	1 x KHRQ22M20TA		**£6,567.00**
		Ceiling Suspended	2 x FHA100A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£7,119.00**
		Ducted	2 x FBA100A	1 x BRC1H52W7	1 x KHRQ22M20TA	●	**£6,853.00**
		Floor Standing	2 x FVA100A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£7,481.00**
20kW Triple	RZA200D Three Phase	Cassette	3 x FCAG60B	1 x BRC1H52W7	1 x KHRQ250H7		**£7,507.00**
		600 x 600 Fully Flat Cassette	3 x FFA60A9	1 x BRC1H52W7	1 x KHRQ250H7		**£7,843.00**
		Wall Mount	3 x FAA71B	1 x BRC1H52W7	1 x KHRQ250H7		**£7,507.00**
		Ceiling Suspended	3 x FHA60A9	1 x BRC1H52W7	1 x KHRQ250H7		**£7,714.00**
		Ducted	3 x FBA60A9	1 x BRC1H52W7	1 x KHRQ250H7	●	**£6,799.00**
		Slim Duct	3 x FDXM60F9	1 x BRC1H52W7	1 x KHRQ250H7		**£6,445.00**
		Concealed Floor Standing	3 x FNA60A9	1 x BRC1H52W7	1 x KHRQ250H7		**£7,015.00**
20kW Triple	RZA200D Three Phase	Cassette	3 x FCAG71B	1 x BRC1H52W7	1 x KHRQ250H7	●	**£7,714.00**
		Under Ceiling Cassette	3 x FUA71A	1 x BRC1H52W7	1 x KHRQ250H7		**£8,026.00**
		Ceiling Suspended	3 x FHA71A9	1 x BRC1H52W7	1 x KHRQ250H7		**£8,347.00**
		Ducted	3 x FBA71A9	1 x BRC1H52W7	1 x KHRQ250H7		**£8,041.00**
		Floor Standing	3 x FVA71A	1 x BRC1H52W7	1 x KHRQ250H7		**£8,689.00**
20kW Double Twin	RZA200D Three Phase	Cassette	4 x FCAG50B	1 x BRC1H52W7	3 x KHRQ22M20TA	●	**£8,363.00**
		600 x 600 Fully Flat Cassette	4 x FFA50A9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£8,815.00**
		Ceiling Suspended	4 x FHA50A9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£8,467.00**
		Ducted	4 x FBA50A9	1 x BRC1H52W7	3 x KHRQ22M20TA	●	**£7,335.00**
		Slim Duct	4 x FDXM50F9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£6,931.00**
		Concealed Floor Standing	4 x FNA50A9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£7,615.00**
25kW Twin	RZA250D Three Phase	Cassette	2 x FCAG125B	1 x BRC1H52W7	1 x KHRQ22M20TA		**£7,427.00**
		Under Ceiling Cassette	2 x FUA125A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£7,615.00**
		Ceiling Suspended	2 x FHA125A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£8,219.00**
		Ducted	2 x FBA125A	1 x BRC1H52W7	1 x KHRQ22M20TA	●	**£7,693.00**
		Duct (High ESP)	2 x FDA125A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£8,011.00**
		Floor Standing	2 x FVA125A	1 x BRC1H52W7	1 x KHRQ22M20TA		**£8,163.00**
25kW Double Twin	RZA250D Three Phase	Cassette	4 x FCAG60B	1 x BRC1H52W7	3 x KHRQ22M20TA	●	**£8,963.00**
		600 x 600 Fully Flat Cassette	4 x FFA60A9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£9,411.00**
		Ceiling Suspended	4 x FHA60A9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£9,239.00**
		Ducted	4 x FBA60A9	1 x BRC1H52W7	3 x KHRQ22M20TA	●	**£8,019.00**
		Slim Duct	4 x FDXM60F9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£7,547.00**
		Concealed Floor Standing	4 x FNA60A9	1 x BRC1H52W7	3 x KHRQ22M20TA		**£8,307.00**

R-32

SkyAir Alpha-series

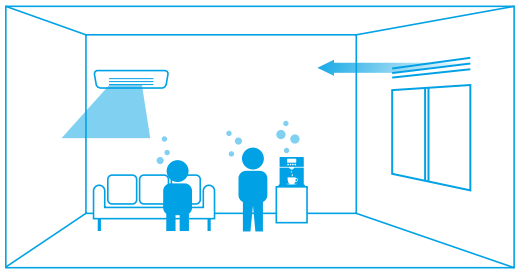
Infrastructure Cooling

Server rooms and IT applications have some key differences to comfort cooling applications. Daikin has developed specific infrastructure cooling equipment to ensure efficient, reliable 24 hour cooling – now with ErP compliant Energy Labels.

Between **20-40%** sensible capacity increase

Comfort cooling

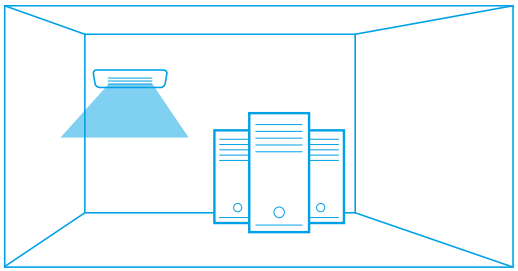
- Humidity is present
- Balanced sensible and latent capacity



- 60-70% temperature control
- 30-40% humidity control

Infrastructure cooling

- No or limited humidity
- Pure sensible capacity

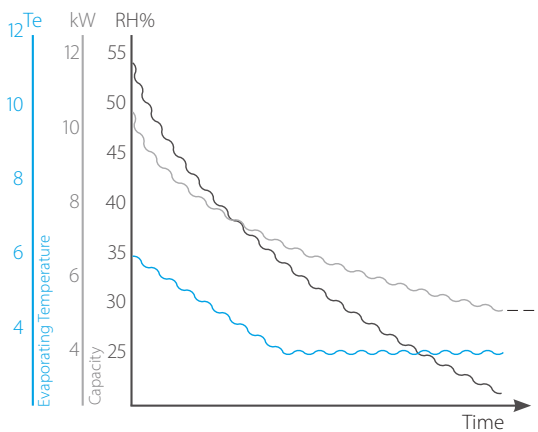


- 80-90% temperature control
- 10-20% humidity control

How do comfort systems perform in infrastructure cooling applications?

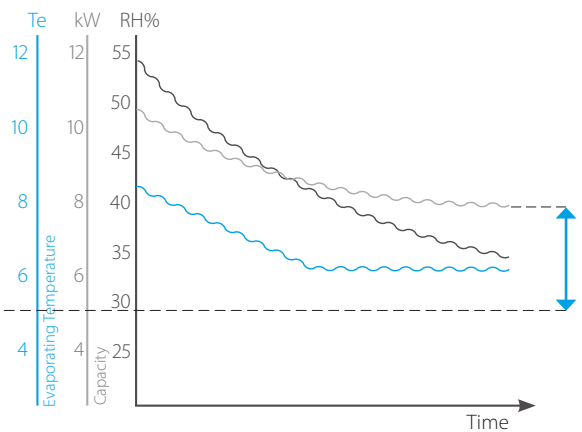
TRADITIONAL SOLUTION

Symmetric indoor-outdoor system combination



DEDICATED SOLUTION

Boosted capacity indoor system combination



Relative Humidity: reduces over time
Capacity: reduced
Evaporating temp: drops to compensate reduced capacity
too low Te can lead to freeze-up prevention, causing system downtime

Improved solution

- Boosted capacity indoors increase the heat transfer capacity at low relative humidity
- Allows the system to operate with higher Te, guaranteeing continuous operation and reducing unwanted dehumidification



For selection advice and capacity tables, please talk to your local Daikin office.

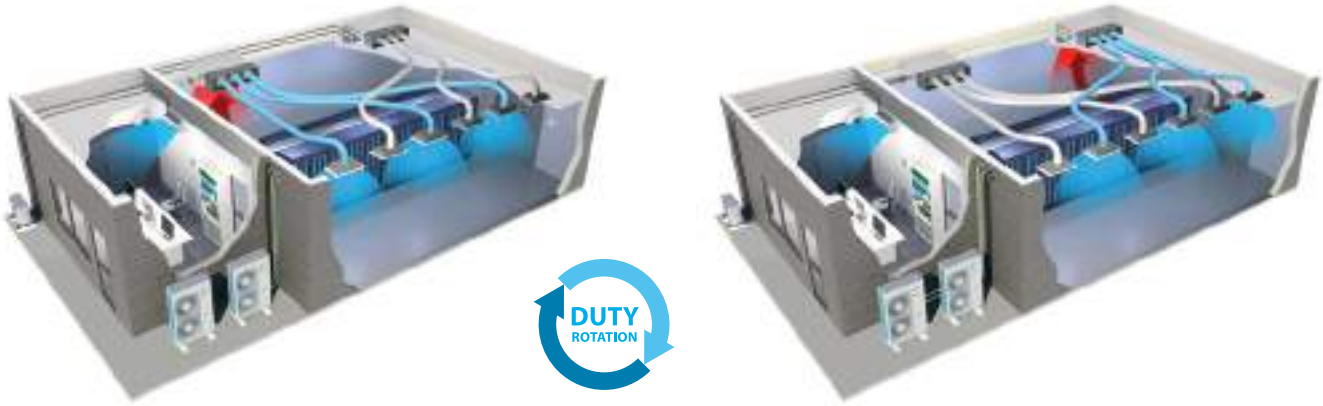
		Wall Mounted						Ceiling Suspended							Concealed Ceiling										Floor Standing							Cassettes																			
Capacity Class		FTXM-A				FAA-B		FHA-A9							FBA-A(9)							FDXM-F9			FNA-A9			FVA-A				FUA-A			FFA-A9			FCAHG-H				FCAG-B											
1ph	3ph	35	50	60	71	71	100	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	35	50	60	71	100	125	140	71	100	125	35	50	60	71	100	125	140	35	50	60	71	100	125	140
RZAG35B			P						P							P							P			P										P												
RZAG50B				P						P							P							P			P											P										
RZAG60B					P						P							P																					P									
RZAG71NV1	RZAG71NY1						P	3	2			P			3	2			P			3	2					P					P			3	2			P			3	2			P		
RZAG100NV1	RZAG100NY1					2		4	3		2			P	4	3		2			P	4	3					2			P	2			4	3		2			P	4	3		2			P
RZAG125NV1	RZAG125NY1					2		4	3		2			P	4	3		2			P	4	3					2			P	2			4	3		2			P	4	3		2			P
RZAG140NV1	RZAG140NY1					2		4	3		2			P	4	3		2			P	4	3					2			P	2			4	3		2			P	4	3		2			P

P = Pair, 2 = Twin, 3 = Triple, 4 = Double twin; For more information on infrastructure cooling options refer to infrastructure cooling brochure.

R-32

Sky Air – Duty Rotation

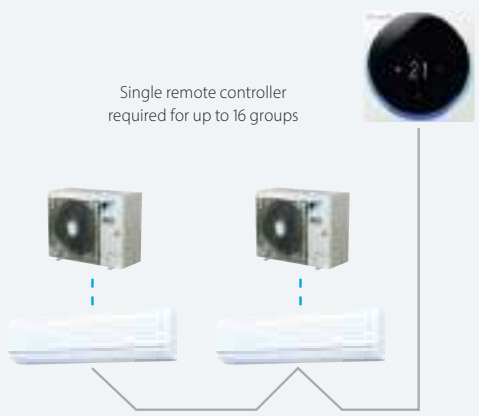
In an infrastructure cooling application, it is standard practice to have a standby air conditioning unit or units. The standby unit will automatically operate in the event of a fault with one of the duty units. It is also usual to rotate the operation of the duty and standby units to ensure equal use of all units.



BRC1H52(W/S/K)7 Remote Controller

Daikin's latest generation of hard wired remote controllers now support automatic duty rotation and standby operation on fault.

- One controller for up to 16 systems
- Programmable duty rotation changeover period
- Automatic operation of standby unit on fault

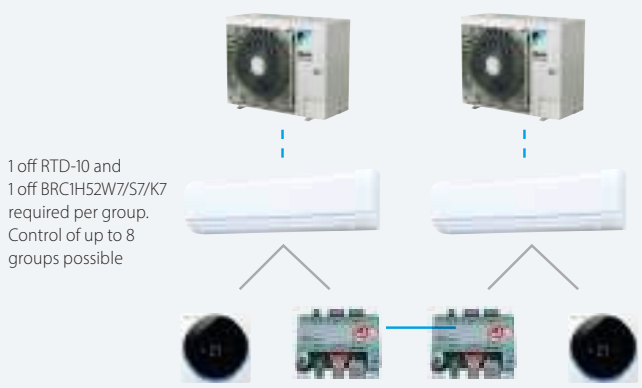


Model	Description	Related Fan Coil	Trade Price
BRC1H52W7	Wired touch screen controller - White	FAA-B, FHA-A(9), FUA-A, FCAG-B, FBA-A(9), FDA-A, FVA-A in combination with a RZAG71-140N only	£133.00
BRC1H52S7	Wired touch screen controller - Silver		£140.00
BRC1H52K7	Wired touch screen controller - Black		£145.00

RTD-10 Interface

A single interface per group to carry out automatic duty rotation and standby operation on fault or high temperature.

- Programmable duty rotation changeover period
- Automatic operation of standby unit on fault and fixed high temperature
- Dual level alarm volt free contact output



Model	Description	Related Fan Coil	Trade Price
RTD-10	Control interface with duty rotation function	All units with P1/P2 interface*	£348.00

Automatic Changeover

A single control panel to carry out automatic duty rotation and standby operation on fault or high temperature.

- 24hr duty rotation changeover period
- Automatic operation of standby unit on fault and adjustable high temperature
- Visual indication of unit status
- Fire alarm and condense pump interlocks
- Volt free contact alarm output
- Built-in remote controllers and interface PCBs

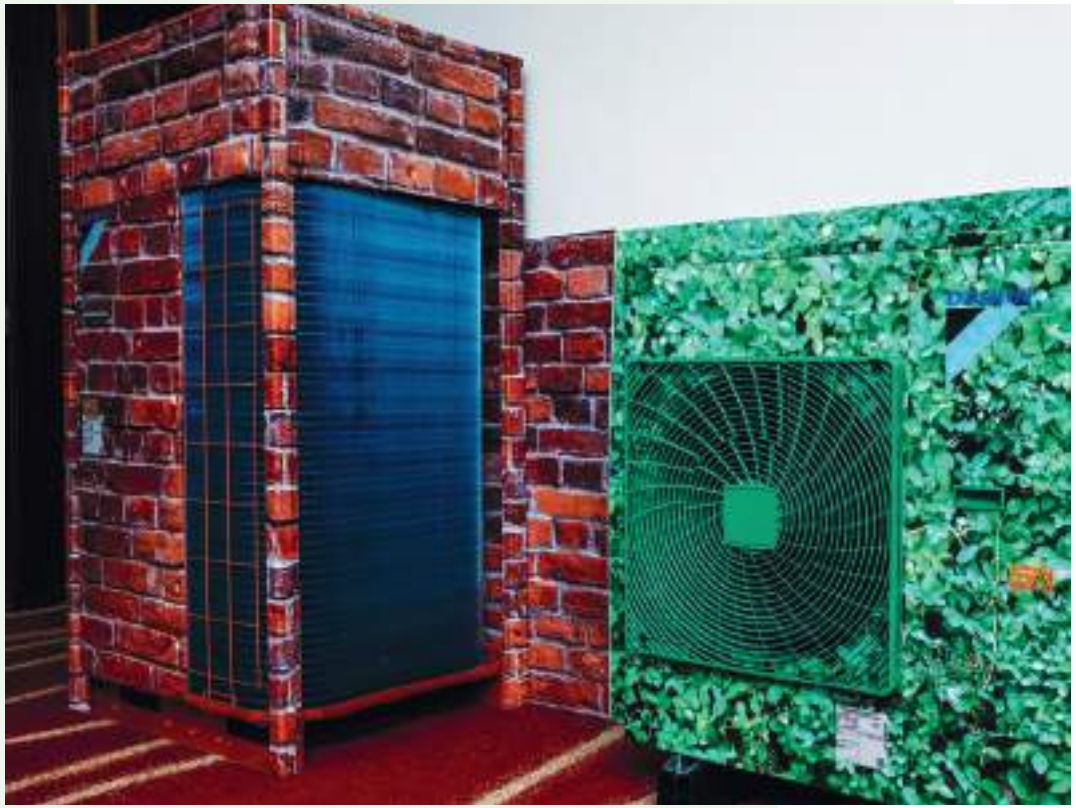


Model	Description	Related Fan Coil	Trade Price
UK.PANEL 2SKYAIR	Changeover panel for 2 Sky Air systems	All units with P1/P2 interface*	£2,856.00
UK.PANEL 3SKYAIR	Changeover panel for 3 Sky Air systems	All units with P1/P2 interface*	£3,303.00
UK.PANEL 4SKYAIR	Changeover panel for 4 Sky Air systems	All units with P1/P2 interface*	£3,619.00

* All Sky Air units, all VRV units and some Split units. For Split units check exact unit specification for compatibility

Aesthetic customisation of units

Customers sometimes require visible units to be less obtrusive for aesthetic or planning reasons. Daikin UK offers unit customisation, by repainting or vinyl wrapping, to create unique visual effects.



Wrapping

Daikin UK's condenser wrapping service is a unique offering. Bespoke patterned vinyl wraps are applied to outdoor condenser units to disguise the look of an outdoor unit or make it a feature.

Type of condenser	Code	Price (Ex-VAT)
Single fan	UK.SF/VR	**£600.00**
Double fan	UK.DF/VR	**£780.00**
VRV type	UK.VRV/VR	**£1,410.00**

Prices are not subject to discount and do not include the cost of the unit. Price on application for other units such as indoor types.

Lead time: 2-3 weeks from receipt of photo
Applicable units: All outdoor condensers

Painted units

Daikin UK offers a customised service to repaint our units to any specified RAL or BS finish. Our repainting service is done in-house in our National Solutions Centre and includes removing base paint to give a uniform, long-lasting and professional finish. We have repainted fan coils, decoration panels, BS boxes and all types of condensers for a number of clients.

PRICE ON APPLICATION
Lead time: 2-3 weeks
Applicable units: All

When asking for a quotation or ordering, please state the unit you require along with the finish requirements e.g. colour, pattern etc.





Please note: The stated lead times are a guide. This can be influenced by the design and complexity of the requirement.

R-410A R-32

NEW

CYAS/M/L - DK - F/C/R

Biddle Air Curtains

New Unified range for ERA & VRV!

Air curtains are the ideal solution to combat the issue of climate separation across retail outlets or office doorways

Revolutionising our lineup, we've partnered with Biddle to streamline our entire range for seamless VRV & ERA compatibility, introducing dual refrigerant options (R-410a and R-32) for unmatched flexibility and ease of selection.

Using a combination of rectifier technology, air velocity and temperature control, they deliver greater comfort to staff and customers alike, all year round, in all weathers.

Easy and fast installation of these systems reduces cost and makes expensive water systems, boilers, and gas connections redundant. Integrating a Biddle air curtain with Daikin's VRV or ERA also eliminates the need to install multiple outdoor units, thereby reducing installation time and costs further. This combination enables Daikin to offer its customers the ultimate environmentally conscious package comprising cooling, heating, outdoor-indoor climate separation and fresh air ventilation.



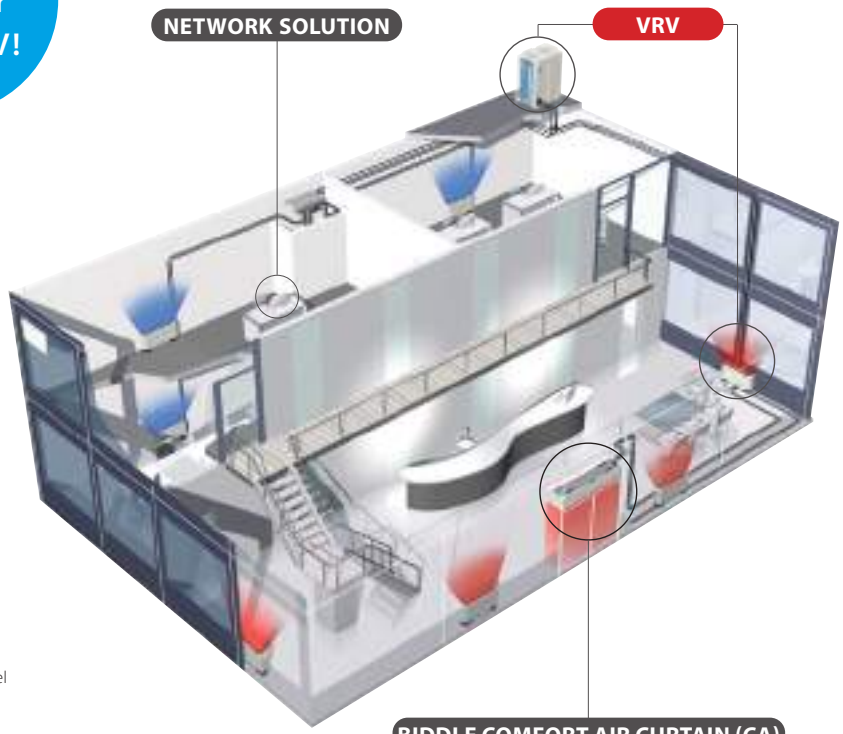
F = Free hanging model



C = Cassette model



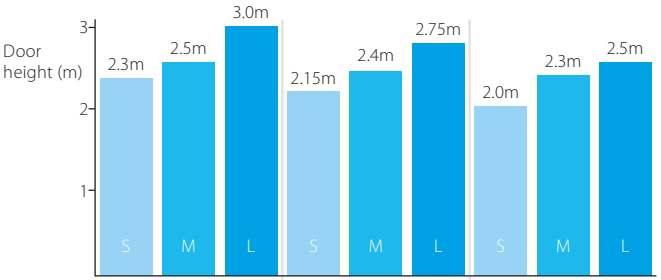
R = Recessed model



Features and benefits:

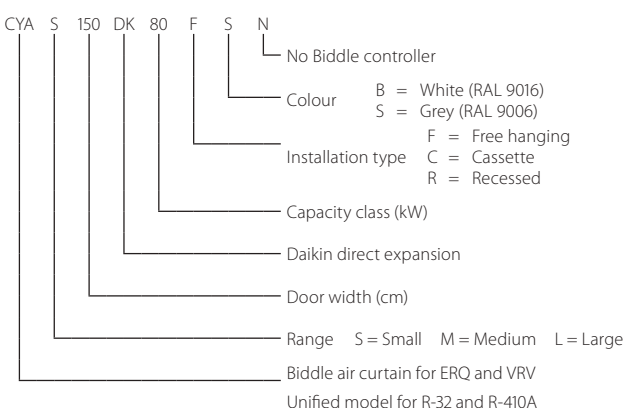
- Connectable to ERA and VRV DX outdoor units
- Unified model for R-32 and R-410A refrigerant
- Free-hanging model (F): easy wall mounted installation
- Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible
- Recessed model (R): neatly concealed in the ceiling
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode (in case of VRV heat recovery)
- Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required
- PATENTED TECHNOLOGY: Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity

Select your Biddle air curtain range



Installation condition	Favourable	Normal	Unfavourable
	i.e. covered shopping mall or revolving door entrance	i.e. little direct wind, no opposite open doors, building with ground floor only	i.e. location at a corner or square, multiple floors and / or open stairwell

Biddle air curtain nomenclature



R-410A R-32

CYAS/M/L - DK - F/C/R

Biddle Standard Air Curtains



Free hanging



Cassette



Recessed model

S SMALL

– Door Height 2.3m to 2m

Maximum Door Width			m	1.0			1.5			2.0			2.5		
Mounting Height			m	2.30 (1) / 2.15 (2) / 2.00 (3)											
Model name				CYAS100DK80*B			CYAS150DK80*B			CYAS200DK100*B			CYAS250DK140*B		
Type				*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R
Heating Capacity		speed 3	kW	6.94			8.60			10.90			15.20		
Delta T	Inlet = room temperature	speed 3	°K	17.7			14.6			13.9			15.5		
Power input (50Hz)	Fan only / Heating		kW	0.14 / 0.14			0.21 / 0.21			0.28 / 0.28			0.36 / 0.36		
Dimensions	Height		mm	270	270	270	270	270	270	270	270	270	270	270	270
	Width		mm	1,000	1,000	1,048	1,500	1,500	1,548	2,000	2,000	2,048	2,500	2,500	2,548
	Depth		mm	590	821	561	590	821	561	590	821	561	590	821	561
Weight			kg	56	59	61	66	83	88	83	102	108	107	129	137
Casing	Colour			white RAL9016			white RAL9016			white RAL9016			white RAL9016		
Minimum required ceiling void			mm	420			420			420			420		
Fan - Air flow rate	Heating	speed 3	m^3/sec	0.323			0.485			0.647			0.808		
Sound pressure	Heating	speed 3	dBA	47			49			50			51		
Refrigerant	Type			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A		
Piping connections	Liquid [OD] / Gas		inch (mm)	1/4 (6.4) / 1/2 (12.7)			1/4 (6.4) / 1/2 (12.7)			3/8 (9.5) / 5/8 (15.9)			3/8 (9.5) / 5/8 (15.9)		
Power supply			Phase / Hz / V	1 / 50 / 230			1 / 50 / 230			1 / 50 / 230			1 / 50 / 230		
Required Accessory (sold separately)				Daikin wired remote controller - Madoka - BRC1H52W7/S7/K7											
Trade Unit Price				**£4,437.00**	**£4,385.00**	**£4,572.00**	**£5,651.00**	**£5,598.00**	**£5,910.00**	**£6,831.00**	**£6,779.00**	**£7,321.00**	**£7,618.00**	**£7,568.00**	**£8,164.00**

(1) Favourable conditions: covered shopping mall or revolving door entrance
(2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only
(3) Unfavourable conditions: location at a corner or square, multiple floors and/or open stairway

* F = Free Hanging / C = Cassette / R = Recessed

M MEDIUM

– Door Height 2.5m to 2.3m

Maximum Door Width			m	1.0			1.5			2.0			2.5		
Mounting Height			m	2.5 (1) / 2.4 (2) / 2.3 (3)											
Model name				CYAM100DK80*B			CYAM150DK80*B			CYAM200DK100*B			CYAM250DK140*B		
Type				*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R
Heating capacity		speed 3	kW	8.65			10.50			12.50			18.60		
Delta T	Inlet = room temperature	speed 3	°K	16.0			12.9			12.7			13.8		
Power input (50Hz)	Fan only / Heating		kW	0.27 / 0.27			0.40 / 0.40			0.53 / 0.53			0.67 / 0.67		
Dimensions	Height		mm	270	270	270	270	270	270	270	270	270	270	270	270
	Width		mm	1,000	1,000	1,048	1,500	1,500	1,548	2,000	2,000	2,048	2,500	2,500	2,548
	Depth		mm	590	821	561	590	821	561	590	821	561	590	821	561
Weight			kg	57	68	66	73	88	93	94	111	117	108	136	144
Casing	Colour			white RAL9016			white RAL9016			white RAL9016			white RAL9016		
Minimum required ceiling void			mm	420			420			420			420		
Fan - Air flow rate	Heating	speed 3	m^3/sec	0.446			0.669			0.892			1.115		
Sound pressure	Heating	speed 3	dBA	50			51			53			54		
Refrigerant	Type			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A		
Piping connections	Liquid [OD] / Gas		inch (mm)	1/4 (6.4) / 1/2 (12.7)			1/4 (6.4) / 1/2 (12.7)			3/8 (9.5) / 5/8 (15.9)			3/8 (9.5) / 5/8 (15.9)		
Power supply			Phase / Hz / V	1 / 50 / 230			1 / 50 / 230			1 / 50 / 230			1 / 50 / 230		
Required Accessory (sold separately)				Daikin wired remote controller - Madoka - BRC1H52W7/S7/K7											
Trade Unit Price				**£5,077.00**	**£5,022.00**	**£5,208.00**	**£6,505.00**	**£6,450.00**	**£6,734.00**	**£8,056.00**	**£8,002.00**	**£8,544.00**	**£9,166.00**	**£9,116.00**	**£9,701.00**

(1) Favourable conditions: covered shopping mall or revolving door entrance
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(3) Unfavourable conditions: location at a corner or square, multiple floors and/or open stairway

* F = Free Hanging / C = Cassette / R = Recessed

Notes:

i) If RTD-20 Connected in Air Curtain mode the Biddle Remote Controller is NOT connected as Fan speed is managed by RTD-20

ii) Code "BC" is for white finish. Aluminium finish "SC" available on request

CYAS/M/L - DK - F/C/R

Biddle Standard Air Curtains

– continued

L LARGE

– Door Height 3m to 2.5m



Free hanging



Cassette



Recessed model

Maximum Door Width			**m**	**1.0**			**1.5**			**2.0**			**2.5**		
Mounting Height			**m**	**3.00** (1) **/ 2.75** (2) **/ 2.50** (3)											
Model name				**CYAL100DK125*BC**			**CYAL150DK200*BC**			**CYAL200DK250*BC**			**CYAL250DK250*BC**		
Type				***=F**	***=C**	***=R**	***=F**	***=C**	***=R**	***=F**	***=C**	***=R**	***=F**	***=C**	***=R**
Heating Capacity		speed 3	kW	14.4			21.5			27.6			29.7		
Delta T	Inlet = room temperature	speed 3	°K	13.8			13.8			13.2			11.4		
Power Input (50Hz)	Fan only / Heating		kW	0.48 / 0.48			0.72 / 0.72			0.96 / 0.96			1.20 / 1.20		
Dimensions	Height		mm	370	370	370	370	370	370	370	370	370	370	370	370
	Width		mm	1,000	1,000	1,048	1,500	1,500	1,548	2,000	2,000	2,048	2,500	2,500	2,548
	Depth		mm	774	1105	745	774	1105	745	774	1105	745	774	1105	745
Weight			kg	76	81	83	100	118	141	126	151	155	157	190	196
Casing	Colour			white RAL9016			white RAL9016			white RAL9016			white RAL9016		
Minimum required ceiling void			mm	520			520			520			520		
Fan - Air Flow Rate	Heating	speed 3	m^3/sec	0.861			1.292			1.722			2.153		
Sound Pressure	Heating	speed 3	dBA	53			54			56			57		
Refrigerant	Type			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A		
Piping Connections	Liquid [OD] / Gas		inch (mm)	3/8 (9.5) / 5/8 (15.9)			3/8 (9.5) / 3/4 (19)			3/8 (9.5) / 3/4 (19)			3/8 (9.5) / 3/4 (19)		
Power Supply			Phase / Hz / V	1 / 50 / 230			1 / 50 / 230			1 / 50 / 230			1 / 50 / 230		
Required Accessory (sold separately)				Daikin wired remote controller - Madoka - BRC1H52W7/S7/K7											
Trade Unit Price				**£6,465.00**	**£6,398.00**	**£6,594.00**	**£8,600.00**	**£8,536.00**	**£8,804.00**	**£10,589.00**	**£10,521.00**	**£11,050.00**	**£12,296.00**	**£12,230.00**	**£12,879.00**

(1) Favourable conditions: covered shopping mall or revolving door entrance
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Notes:

i) If RTD-20 Connected in Air Curtain mode the Biddle Remote Controller is NOT connected as Fan speed is managed by RTD-20

ii) Code "BC" is for white finish. Aluminium finish "SC"available on request

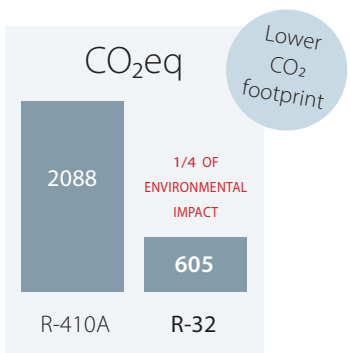
Accessories:

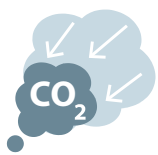
Accessory Ref	Description	Trade Price
BRC1H52W7	Wired touch screen remote controller - White	**£133.00**
KRCS01-1	Remote room mounted temperature sensor	**£74.00**
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	**£411.00**

BLUEVOLUTION

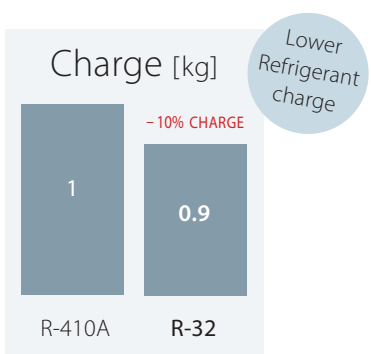
Condensers for AHU Connection

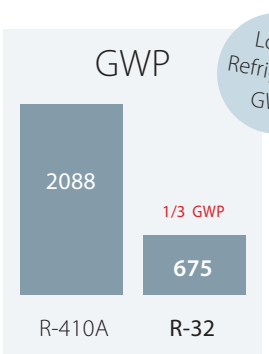
- Built on the platform of our revolutionary R-32 Mini VRV
- Single fan side blow replacing the R-410A twin fan side blow
- Twin fan side blow replacing the R-410A top blow unit
- Industry-leading efficiencies



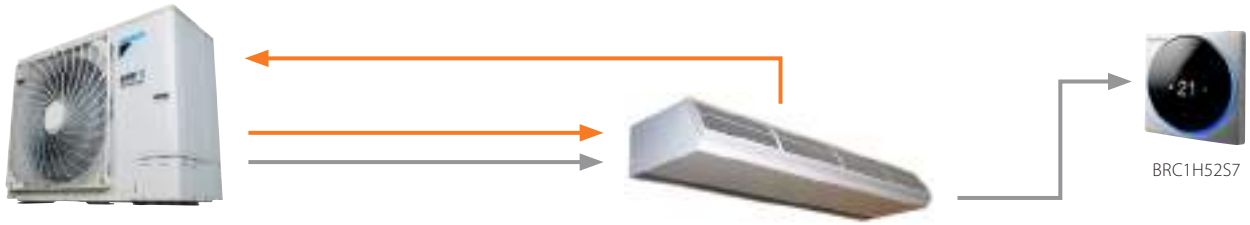


UP TO
71% REDUCTION





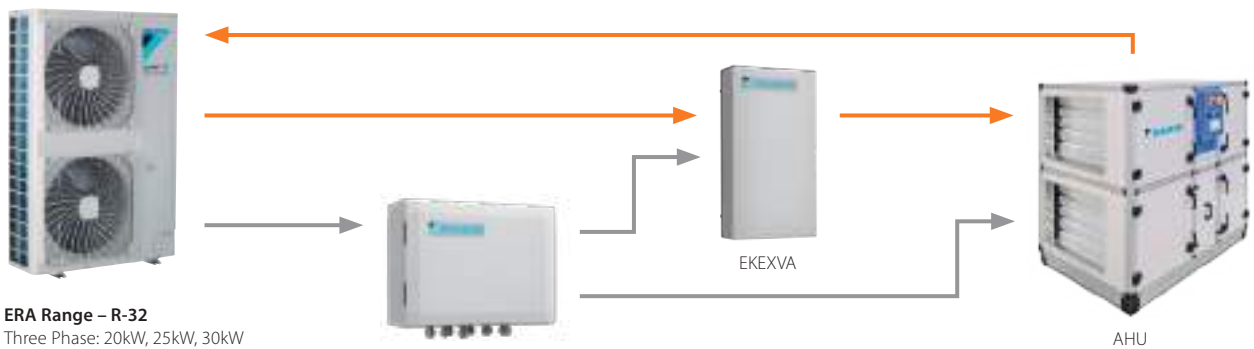
Air Curtain Scenario



ERA Range – R-32
Single & Three Phase: 10kW, 12.5kW, 14kW

Free hanging

AHU Scenario



ERA Range – R-32
Three Phase: 20kW, 25kW, 30kW

Pipework
Communication Cable

R-32

ERA Condensing Units

		Single Phase			Three Phase					
		ERA100AV	ERA125AV	ERA140AV	ERA100AY	ERA125AY	ERA140AY	ERA200AYF	ERA250AYF	ERA300AYF
Capacity (kW)	Cooling	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Heating	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
Refrigerant		R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Dimensions (mm)	Height	869	869	869	869	869	869	1,430	1,615	1,615
	Width	1,100	1,100	1,100	1,100	1,100	1,100	940	940	940
	Depth	460	460	460	460	460	460	320	460	460
Weight (kg)		102	102	102	102	102	102	144	175	180
Max. Piping Length		50m	50m	50m	50m	50m	50m	50m	50m	50m
Electrical Supply		220-240V / 50Hz			380-415V / 50Hz					
Sound Pressure Level (dBA)	Cooling (Nom.)	49	51	51	49	51	51	55	55	57
	Heating	50	50	50	50	50	50	55	55	57
Configuration		Single Fan - Side Blow						Twin Fan - Side Blow		
Trade Unit Price		**£2,467.00**	**£2,746.00**	**£3,301.00**	**£2,489.00**	**£2,749.00**	**£3,332.00**	**£4,847.00**	**£5,050.00**	**£5,568.00**

R-410A R-32

Air Cooled Heat Pump Inverter

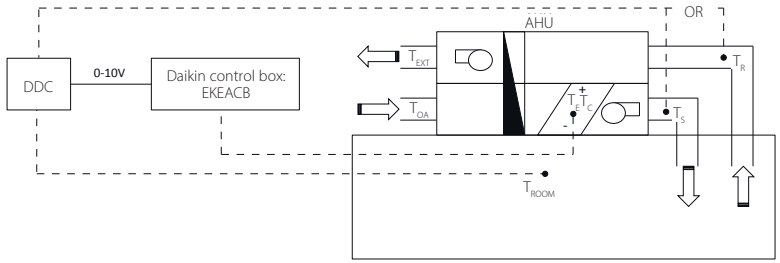
Condensing Unit Kit for DX Coil

Daikin offers a range of R-32 inverter condensing units for application with air handling units:

- Inverter controlled heat pump units
- Large capacity range (from 5.0 kW to 61.6 kW)
- Ventilation and air conditioning in one solution
- EKEXVA-kit and control boxes are designed for outdoor installation and can be wall mounted
- Per EKEXVA-kit/control box, only one air handling unit coil can be connected
- Outdoor unit operation range: -5°CDB ~ 43°CDB in cooling and -20°CWB ~ 15°CWB in heating
- Minimum air on in heating is 10°C dry bulb
- For connectivity to VRV IV systems, please consult with your local Daikin representative

Flexible control possibilities:

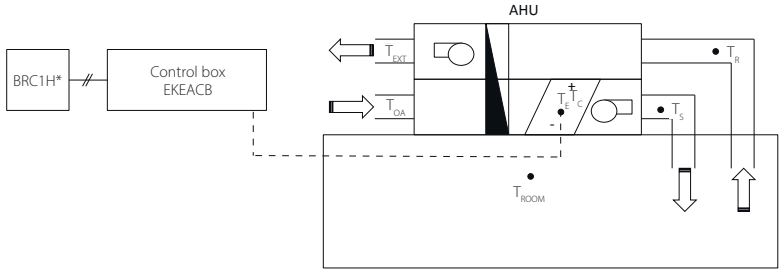
Control W:
Full external control from 3rd party temperature controller with volt free remote enable contact and linear variable capacity control output (3rd party DDC Controller required).



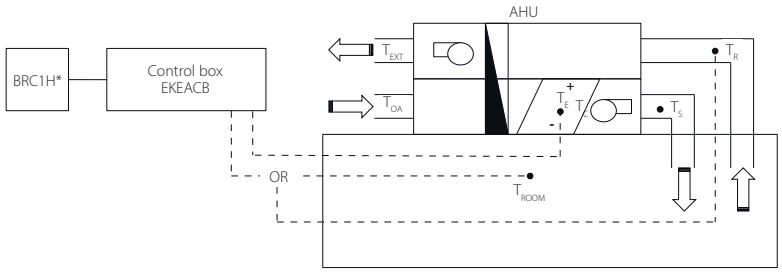
Control Y:
External control from 3rd party temperature controller with volt free remote enable contact.

Fixed evaporating temperature selection, range: +3°C to +10°C.

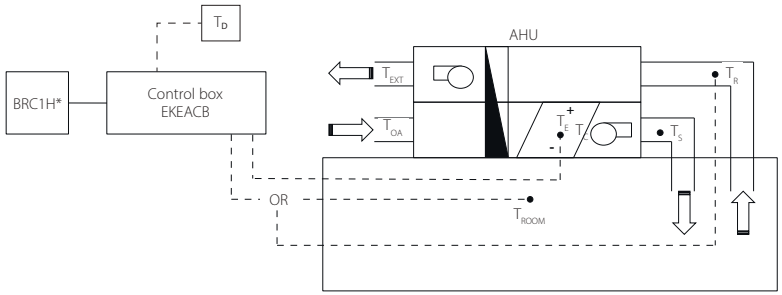
Fixed condensing temperature selection, range: +43°C to +49°C



Control Z (Madoka required):
Control via Daikin Madoka remote controller and return air or remote sensor (KRCS01-1 optional). A volt free remote enable contact is required to confirm fan operation status. For re-circ applications only.



Control Z' (Prime):
Control of supply air temperature (uses Td – Daikin supplied R4T thermistor with EKEA) with optional Daikin for control (setpoint can be set via field settings on the remocon, changing the setpoint directly on the remocon will not have effect on the discharge air temperature setpoint), field settings and error indication.



For all AHU application selections with ERA and VRV systems, please consult with a member of Daikin staff to ensure correct selection and AHU coil design parameters.

R-32 & R-410A

R-32 DX Kit for AHU Connection

What are the benefits?

1) **Immediate cooling and heating** under any ambient or room conditions
   - → less heat transfer losses, fast and accurate response to load changes
   - → **better comfort and less energy consumption compared to water cooling/heating coils coupled with chillers**

2) **Better management of load for medium size spaces due to VRV technologies**
   - Total solution: AHU can work together with other VRV indoor units in same system
   - Extended operating range
   - Accurate temperature control due to inverter capacity management
   - Quick switchover between cooling & heating
   - → **better comfort and wider possibilities compared to water systems and ON/OFF CCUs**

3) **Top energy efficiency and reliability**
   - Energy saving due to inverter technology
   - No inrush current
   - Less start/stop cycles, longer compressor lifetime
   - VRT control increases seasonal efficiency (when Z control is applied)
   - VRT allows numerous settings targeting either higher efficiency or quick response
   - → **lower running costs**

4) **Continuous heating**
   - Avoid cold drafts during defrost cycle
   - Fresh air can be continuously supplied at comfortable temperatures
   - → **better comfort**

Range	Outdoor units	Control box	Expansion Valve Kits EKEXVA***												
		EKEACB	EKEXVA50	EKEXVA63	EKEXVA80	EKEXVA100	EKEXVA125	EKEXVA140	EKEXVA200	EKEXVA250	EKEXVA300	EKEXVA350	EKEXVA400	EKEXVA450	EKEXVA500
ERA	ERA100AV1	P	-	P	P	P	-	-	-	-	-	-	-	-	-
	ERA125AV1	P	-	-	-	P	P	-	-	-	-	-	-	-	-
	ERA140AV1	P	-	-	-	P	P	P	-	-	-	-	-	-	-
	ERA100AY	P	-	P	P	P	-	-	-	-	-	-	-	-	-
	ERA125AY	P	-	-	-	P	P	-	-	-	-	-	-	-	-
	ERA140AY	P	-	-	-	P	P	P	-	-	-	-	-	-	-
	ERA200AYF	P	-	-	-	-	-	P	P	-	-	-	-	-	-
	ERA250AYF	P	-	-	-	-	-	-	P	P	-	-	-	-	-
	ERA300AYF	P	-	-	-	-	-	-	P	P	P	-	-	-	-
VRV VI + [R-410A]	H/P (RYYQ, RXYQ, RXYSQ,RXYTQ, RXYLQ, RXYS(C)Q, RWEYQ (H/P))	P/M	P/M (65%[1] < CR < 110%)												
	VRV-i (RKXYQ)	P/M[2]	P/M (65%[1] < CR < 110%)												
	H/R (REYQ, RWEYQ (H/R))	M[3]	M[3] (65%[1] < CR < 110%)												
VRV 5 [R-32]	H/P (RXYSA, RXYA)	P/M	P/M (65%[1] < CR < 110%)												
	H/R REYA	M[3]	M[3] (65%[1] < CR < 110%)												
Trade Price		**£826.00**	**£100.00**	**£118.00**	**£134.00**	**£133.00**	**£148.00**	**£182.00**	**£202.00**	**£231.00**	**£240.00**	**£280.00**	**£295.00**	**£249.00**	**£262.00**

P: Pair combination - One or more outdoor units connected to an (interlaced) coil of one AHU.
M: Mix or multi application - Combination of (multiple) AHU(s) with (mix application) or without (multi application) VRV DX indoor(s).
[1] For 65%<CR<75% please refer to the specifically required coil size
[2] Only Z or Z' control possible (no interlaced coils)
[3] Only Z or Z' control possible (no interlaced coils). Technically is possible to connect H/R in pair application, but this carries no benefit

Size EKEXVA63 now compatible with ERA100



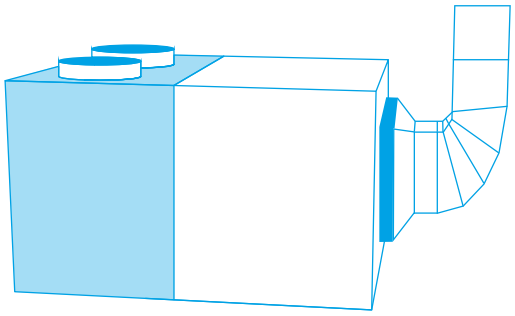


BLUEVOLUTION

Wide range of R-32 rooftop units to cover your needs



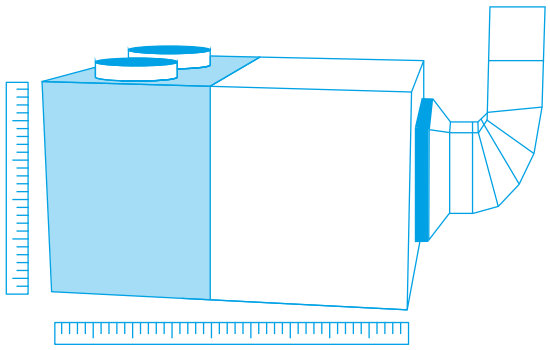
Made-To-Stock units (MTS)



48 predefined units readily available from stock

- Fast delivery
- 3 versions: Base, 2 dampers and 3 dampers
  - Thermodynamic heat recovery available on full FC3 range
- Extended capacity up to 190 kW
- Comes with a wide range of standard integrated features

Made-To-Order units (MTO)



Fully customisable units for maximum flexibility

- Almost infinite configuration possibilities thanks to wide choice of options
- 4 versions: Base, 2 dampers, 3 dampers and 4 dampers
  - Thermodynamic heat recovery available on full FC3 range
  - Premium efficiency plate heat exchanger available on RS4 range
- Extended capacity up to 190 kW
- Comes with a wide range of standard integrated features
- Easy selection via selection software: **rooftop.daikin.eu**

TÜV NORD

ErP 2021 COMPLIANT

For more information, scan QR code for Rooftop introduction video

Standard integrated features on all Made-To-Stock and Made-To-Order units

1 R-32 refrigerant

- Top sustainability thanks to the use of low GWP (675) refrigerant
- Single component refrigerant, easy to re-use and recycle



2 Inverter driven compressors

- Great year-round seasonal efficiency
- Available up to 120 kW models

3 Capacity range up to 190 kW

- More flexibility to tackle larger projects with a small footprint



4 25 mm double skinned panels

- Ensuring long-lasting life and providing good thermal and sound insulation

5 Full colour touch display

- Intuitive to use
- Better visualisation of unit parameters



6 Integrated connectivity

- Direct integration into Daikin intelligent Touch Manager BMS (via BACNET protocol)
- Easy integration in 3rd party BMS systems via Ethernet port (BACnet TCP/IP & Modbus TCP/IP) or 3-cable port (Modbus over RS485)



More standard integrated features

- ISO Coarse 75% filter (G4) (standard for MTS only)
- Standard clogged filter alarm
- Flexible air delivery
- Hydrophilic aluminium fins on indoor and outdoor unit side
- Mesh coil guard on outdoor heat exchanger
- Factory mounted drain pan with heater
- Single operation voltage-free contact
- Power supply connection safety through max/min voltage relay and reversed phase connection

7 Selection software

- Easy selection of the correction unit and options based on location conditions
- Direct availability of technical drawings

Select and configure your rooftop now

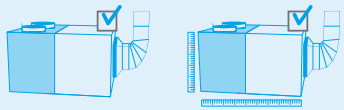
rooftop.daikin.eu



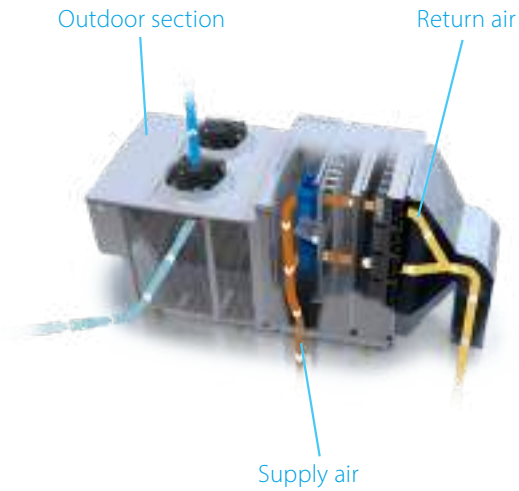
UATYA-BBAY1

High installation flexibility and easy servicing

- Easy to install Plug & Play concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- High efficiency and reliable scroll compressor
- Factory pre-charged refrigerant ensures clean and efficient operation



Made-To-Stock units (MTS) Made-To-Order units (MTO)

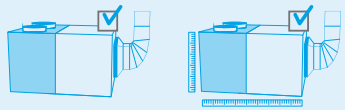


Heating operation example

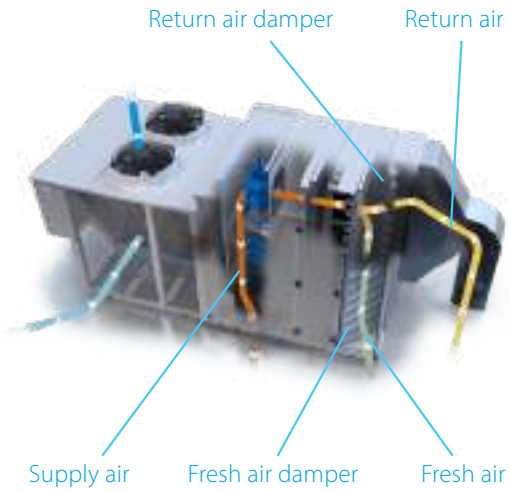
UATYA-BFC2Y1

2 damper version, with integrated fresh air

- Free cooling with 100% fresh air possible
  - Improved air quality
  - Energy saving using fresh outdoor air to cool the building
- Standard CO_2 sensor connection
  - Ideal balance between efficiency and indoor air quality
- Includes all base model features



Made-To-Stock units (MTS) Made-To-Order units (MTO)

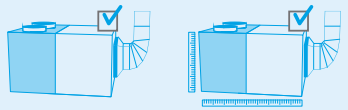


Heating operation example

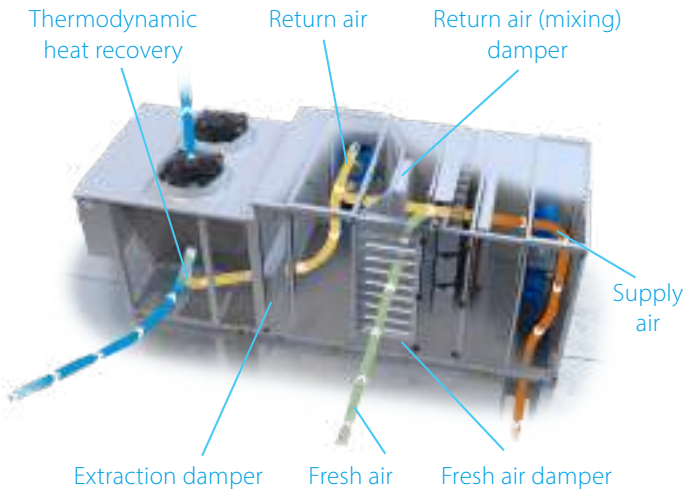
UATYA-BFC3Y1

3 damper version, with integrated fresh air and extraction

- Extraction damper integrated
  - Eliminates excessive overpressure in the building
  - Highly efficient extraction fan for optimum air circulation in larger buildings
- Thermo dynamic heat recovery
  - Saves energy by recovering waste heat through the outdoor heat exchanger



Made-To-Stock units (MTS) Made-To-Order units (MTO)



Heating operation example

Products overview rooftops

Capacity class (kW)

Model	MTS Product name	Version	25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190
Rooftop unit **With extensive base package for high installation flexibility and easy servicing** - 'Plug & Play' for easy installation - High efficiency - Field convertible return and supply air - Direct integration with Daikin or third party BMS - Factory pre-charged refrigerant	UATYA-BBAY1	MTS MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Rooftop unit **2 damper version with integrated fresh air** - 'Plug & Play' for easy installation - Free cooling with up to 100% fresh air intake - High efficiency - Field convertible return and supply air - Direct integration with Daikin or third party BMS	UATYA-BFC2Y1	MTS MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Rooftop unit **3 damper version with integrated fresh air and extraction** - 'Plug & Play' for easy installation - Integrated extraction damper eliminates over-pressure - Thermo dynamic heat recovery, recovering waste heat - Free cooling with up to 100% fresh air intake - Field convertible return and supply air	UATYA-BFC3Y1	MTS MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Rooftop unit **4 damper version with integrated fresh air, extraction and plate heat exchanger** - Premium efficiency plate heat exchanger, recovering waste heat - 'Plug & Play' for easy installation - Integrated extraction damper eliminates over-pressure - Thermo dynamic heat recovery, recovering waste heat - Free cooling with up to 100% fresh air intake - Field convertible return and supply air	UATYA-BRS4*	MTO																

*Indicative model name. Correct model name to be retrieved from selection software.

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UATYA-BBAY1 Rooftop Packaged Unit – Base

			UATYA25 BBAY1	UATYA30 BBAY1	UATYA40 BBAY1	UATYA50 BBAY1	UATYA60 BBAY1	UATYA70 BBAY1	UATYA80 BBAY1	UATYA90 BBAY1	UATYA100 BBAY1	UATYA110 BBAY1	UATYA120 BBAY1	UATYA140 BBAY1	UATYA150 BBAY1	UATYA160 BBAY1	UATYA180 BBAY1	UATYA190 BBAY1
Capacity	UK Total Cooling	kW	23.5	30.1	34.8	41.0	53.3	59.8	68.3	81.4	88.0	99.2	103.9	121.5	130.7	143.0	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40.0	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
	Nominal Heating	kW	25.3	31.1	36.3	46.2	55.1	64.9	68.5	84.2	92.8	101.5	108	123.1	136.4	147.1	157.1	176.9
Nominal Efficiency	EER		2.83	3.09	3.06	2.96	3.12	2.92	3.09	3.06	2.97	2.99	2.91	3.14	3.02	3.05	3.07	2.97
	COP		3.22	3.31	3.26	3.24	3.25	3.21	3.37	3.22	3.20	3.35	3.25	3.44	3.33	3.26	3.33	3.27
Seasonal Efficiency	ηs,c	%	181.6	192.6	216.1	210.5	217.1	178.1	219.4	215.8	203.7	208.6	203.0	172.1	167.2	167.6	162.8	160.2
	ηs,h	%	131.0	132.2	143.8	143.0	135.6	133.5	145.2	143.0	141.6	139.3	138.3	132.5	131.4	130.8	129.5	130.6
Dimensions	Height	mm	1924	1924	2374	2374	1924	1924	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Depth	mm	2427	2427	2427	2427	4317	4317	4317	4317	4317	4317	4317	5117	5117	5117	5117	5117
Weight		kg	852	908	966	986	1,551	1,651	1,798	1,856	1,922	2,008	2,018	2,454	2,462	2,504	2,558	2,636
External Static Pressure		Pa	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Air Flow Rate	Evaporator	m³/hr	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	24,500	26,500	28,000	30,500	31,500
Refrigerant			R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Sound Pressure	Nominal	dBA	63.9	66	68	67.3	69	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70
Operating Range	Cooling	°CDB	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
	Heating	°CWB	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26
Electrical Details	Power Supply	V	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		Hz	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
		Phase	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph
	Running Current	A	13.3	22.6	23.4	31.6	34.5	42.0	47.9	65.0	65.0	68.4	68.4	98.6	107.4	116.0	125.2	131.2
	Recommended Fuse Size	A	25	40	40	50	50	63	80	100	100	100	100	160	160	160	200	200
Trade Unit Price			**£21,757.00**	**£24,569.00**	**£27,854.00**	**£31,385.00**	**£35,600.00**	**£38,540.00**	**£42,009.00**	**£47,049.00**	**£49,839.00**	**£52,589.00**	**£54,935.00**	**£62,670.00**	**£65,625.00**	**£68,378.00**	**£75,098.00**	**£77,342.00**

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UATYA-BFC2Y1 **Rooftop Packaged Unit – FC2**



			UATYA25 BFC2Y1	UATYA30 BFC2Y1	UATYA40 BFC2Y1	UATYA50 BFC2Y1	UATYA60 BFC2Y1	UATYA70 BFC2Y1	UATYA80 BFC2Y1	UATYA90 BFC2Y1	UATYA100 BFC2Y1	UATYA110 BFC2Y1	UATYA120 BFC2Y1	UATYA140 BFC2Y1	UATYA150 BFC2Y1	UATYA160 BFC2Y1	UATYA180 BFC2Y1	UATYA190 BFC2Y1
Capacity	UK Total Cooling	kW	23.5	30.1	34.8	41.0	53.3	59.8	68.3	81.4	88.0	99.2	103.9	121.5	130.7	143.0	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40.0	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
	Nominal Heating	kW	25.3	31.1	36.3	46.2	55.1	64.9	68.5	84.2	92.8	101.5	108	123.1	136.4	147.1	157.1	176.9
Nominal Efficiency	EER (with 30% fresh air)		2.97	3.26	3.21	3.10	3.28	3.06	3.26	3.24	3.13	3.13	3.03	3.29	3.16	3.19	3.21	3.10
	COP (with 30% fresh air)		3.41	3.56	3.48	3.51	3.47	3.44	3.62	3.47	3.46	3.60	3.48	3.69	3.57	3.50	3.58	3.55
Seasonal Efficiency	ηs,c	%	181.6	192.6	216.1	210.5	217.1	178.1	219.4	215.8	203.7	208.6	203.0	172.1	167.2	167.6	162.8	160.2
	ηs,h	%	131.0	132.2	143.8	143.0	135.6	133.5	145.2	143.0	141.6	139.3	138.3	132.5	131.4	130.8	129.5	130.6
Dimensions	Height	mm	1924	1924	2374	2374	1924	1924	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Depth	mm	2943	2943	2943	2943	4879	4879	4879	4879	4879	4879	4879	5679	5679	5679	5679	5679
Weight		kg	981	1,014	1,084	1,143	1,703	1,803	1,984	2,040	2,110	2,196	2,206	2,658	2,668	2,708	2,746	2,828
External Static Pressure		Pa	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Air Flow Rate	Evaporator	m³/hr	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	24,500	26,500	28,000	30,500	31,500
Refrigerant			R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Sound Pressure	Nominal	dBA	63.9	66	68	67.3	69	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70
Operating Range	Cooling	°CDB	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
	Heating	°CWB	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26
Electrical Details	Power Supply	V	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		Hz	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
		Phase	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph
	Running Current	A	13.3	22.6	23.4	31.6	34.5	42.0	47.9	65.0	65.0	68.4	68.4	98.6	107.4	116.0	125.2	131.2
	Recommended Fuse Size	A	25	40	40	50	50	63	80	100	100	100	100	160	160	160	200	200
Trade Unit Price			**£23,479.00**	**£26,499.00**	**£29,701.00**	**£33,092.00**	**£37,574.00**	**£40,633.00**	**£44,012.00**	**£49,267.00**	**£52,344.00**	**£54,967.00**	**£57,116.00**	**£64,972.00**	**£67,833.00**	**£70,455.00**	**£77,126.00**	**£79,153.00**

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UATYA-BFC3Y1 **Rooftop Packaged Unit – FC3**



			UATYA25 BFC3Y1	UATYA30 BFC3Y1	UATYA40 BFC3Y1	UATYA50 BFC3Y1	UATYA60 BFC3Y1	UATYA70 BFC3Y1	UATYA80 BFC3Y1	UATYA90 BFC3Y1	UATYA100 BFC3Y1	UATYA110 BFC3Y1	UATYA120 BFC3Y1	UATYA140 BFC3Y1	UATYA150 BFC3Y1	UATYA160 BFC3Y1	UATYA180 BFC3Y1	UATYA190 BFC3Y1
Capacity	UK Total Cooling	kW	23.5	30.1	34.8	41.0	53.3	59.8	68.3	81.4	88.0	99.2	103.9	121.5	130.7	143.0	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40.0	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
	Nominal Heating	kW	25.3	31.1	36.3	46.2	55.1	64.9	68.5	84.2	92.8	101.5	108.0	123.1	136.4	147.1	157.1	176.9
Nominal Efficiency	EER (with 30% fresh air)		2.96	3.20	3.27	3.12	3.23	3.00	3.21	3.22	3.14	3.11	3.01	3.26	3.14	3.18	3.21	3.14
	COP (with 30% fresh air)		3.38	3.48	3.51	3.46	3.40	3.39	3.56	3.45	3.42	3.57	3.40	3.62	3.57	3.49	3.63	3.50
Seasonal Efficiency	ηs,c	%	181.6	192.6	216.1	210.5	217.1	178.1	219.4	215.8	203.7	208.6	203.0	172.1	167.2	167.6	162.8	160.2
	ηs,h	%	131.0	132.2	143.8	143.0	135.6	133.5	145.2	143.0	141.6	139.3	138.3	132.5	131.4	130.8	129.5	130.6
Dimensions	Height	mm	1924	1924	2374	2374	1924	1924	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Depth	mm	3514	3514	3514	3514	6317	6317	6317	6317	6317	6317	6317	7117	7117	7117	7117	7117
Weight		kg	1166	1196	1310	1329	1996	2094	2336	2382	2452	2548	2558	3024	3035	3074	3192	3271
External Static Pressure		Pa	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Air Flow Rate	Evaporator	m³/hr	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	24,500	26,500	28,000	30,500	31,500
Refrigerant			R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Sound Pressure	Nominal	dBA	63.9	66	68	67.3	69	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70
Operating Range	Cooling	°CDB	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
	Heating	°CWB	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26	-15 / 26
Electrical Details	Power Supply	V	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		Hz	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
		Phase	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph
	Running Current	A	15.4	24.7	27.6	35.8	38.7	47.4	55.3	73.4	73.4	76.8	76.8	107	118.2	126.8	140	146
	Recommended Fuse Size	A	25	40	40	50	50	63	80	100	100	100	100	160	160	160	200	200
Trade Unit Price			**£26,709.00**	**£30,125.00**	**£35,456.00**	**£40,897.00**	**£46,016.00**	**£49,610.00**	**£52,058.00**	**£57,498.00**	**£61,635.00**	**£64,776.00**	**£67,366.00**	**£76,671.00**	**£80,088.00**	**£83,226.00**	**£91,158.00**	**£93,612.00**

Field applied accessories for made-to-stock units

	Model	MTS - BASE series - UATYA-BBAY1						MTS - FC2 series - UATYA-BFC2Y1						MTS - FC3 series - UATYA-BFC3Y1						
		25-30	40	50	60-70	80-120	140-190	25-30	40-50	60-70	80-90	100-120	140-190	25-30	40-50	60-70	80-100	110-120	140-180	190
Control	**UATYAWRC** Remote Touch Screen Wired Remote Controller	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Control	**UATYACO2P** Duct Air Quaity CO2 Probe	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Control	**UATYACAP** Contant Air Pressure Control Airflow Transducer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Control	**UATYARRP** Room Temperature Return Probe (incl. housing)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Control	**UATYASA** Fire and Smoke Alarm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Air treatment	Filter ISO Coarse 75% (G4)	2x UATYAC75A + 2x UATYAC75B (Standard for MTS)	3x UATYAC75A + 3x UATYAC75B (Standard for MTS)	3x UATYAC75A + 3x UATYAC75B (Standard for MTS)	6x UATYAC75B (Standard for MTS)	12x UATYAC75C (Standard for MTS)	12x UATYAC75C (Standard for MTS)	2x UATYAC75A + 2x UATYAC75B (Standard for MTS)	3x UATYAC75A + 3x UATYAC75B (Standard for MTS)	6x UATYAC75B (Standard for MTS)	12x UATYAC75C (Standard for MTS)	12x UATYAC75C (Standard for MTS)	12x UATYAC75C (Standard for MTS)	2x UATYAC75A + 2x UATYAC75B (Standard for MTS)	3x UATYAC75A + 3x UATYAC75B (Standard f or MTS)	6x UATYAC75B (Standard for MTS)	12x UATYAC75C (Standard for MTS)	12x UATYAC75C (Standard for MTS)	12x UATYAC75C (Standard for MTS)	12x UATYAC75C (Standard for MTS)
Air treatment	Filter ISO ePM10 50% (M5/F5)	2x UATYAEP-M1050A + 2x UATYAEP-M1050B	3x UATYAEP-M1050A + 3x UATYAEP-M1050B	3x UATYAEP-M1050A + 3x UATYAEP-M1050B	3x UATYAEP-M1050B	12x UATYAEP-M1050C	12x UATYAEP-M1050C	2x UATYAEP-M1050A + 2x UATYAEP-M1050B	3x UATYAEP-M1050A + 3x UATYAEP-M1050B	3x UATYAEP-M1050B	12x UATYAEP-M1050C	12x UATYAEP-M1050C	12x UATYAEP-M1050C	2x UATYAEP-M1050A + 2x UATYAEP-M1050B	3x UATYAEP-M1050A + 3x UATYAEP-M1050B	3x UATYAEP-M1050B	12x UATYAEP-M1050C	12x UATYAEP-M1050C	12x UATYAEP-M1050C	12x UATYAEP-M1050C
Air treatment	Filter ISO ePM10 70% (M6)	2x UATYAEP-M1070A + 2x UATYAEP-M1070B	3x UATYAEP-M1070A + 3x UATYAEP-M1070B	3x UATYAEP-M1070A + 3x UATYAEP-M1070B	6x UATYAEP-M1070B	12x UATYAEP-M1070C	12x UATYAEP-M1070C	2x UATYAEP-M1070A + 2x UATYAEP-M1070B	3x UATYAEP-M1070A + 3x UATYAEP-M1070B	6x UATYAEP-M1070B	12x UATYAEP-M1070C	12x UATYAEP-M1070C	12x UATYAEP-M1070C	2x UATYAEP-M1070A + 2x UATYAEP-M1070B	3x UATYAEP-M1070A + 3x UATYAEP-M1070B	6x UATYAEP-M1070B	12x UATYAEP-M1070C	12x UATYAEP-M1070C	12x UATYAEP-M1070C	12x UATYAEP-M1070C
Air treatment	Rigid Bag Filter ISO ePM1 50%(F7)	2x UATYAEP-M150A + 2x UATYAEP-M150B	3x UATYAEP-M150A + 3x UATYAEP-M150B	3x UATYAEP-M150A + 3x UATYAEP-M150B	6x UATYAEP-M150B	12x UATYAEP-M150C	12x UATYAEP-M150C	2x UATYAEP-M150A + 2x UATYAEP-M150B	3x UATYAEP-M150A + 3x UATYAEP-M150B	6x UATYAEP-M150B	12x UATYAEP-M150C	12x UATYAEP-M150C	12x UATYAEP-M150C	2x UATYAEP-M150A + 2x UATYAEP-M150B	3x UATYAEP-M150A + 3x UATYAEP-M150B	6x UATYAEP-M150B	12x UATYAEP-M150C	12x UATYAEP-M150C	12x UATYAEP-M150C	12x UATYAEP-M150C
Air treatment	Rigid Bag Filter ISO ePM1 85%(F9)	2x UATYAEP-M185A + 2x UATYAEP-M185B	3x UATYAEP-M185A + 3x UATYAEP-M185B	3x UATYAEP-M185A + 3x UATYAEP-M185B	6x UATYAEP-M185B	12x UATYAEP-M185C	12x UATYAEP-M185C	2x UATYAEP-M185A + 2x UATYAEP-M185B	3x UATYAEP-M185A + 3x UATYAEP-M185B	6x UATYAEP-M185B	12x UATYAEP-M185C	12x UATYAEP-M185C	12x UATYAEP-M185C	2x UATYAEP-M185A + 2x UATYAEP-M185B	3x UATYAEP-M185A + 3x UATYAEP-M185B	6x UATYAEP-M185B	12x UATYAEP-M185C	12x UATYAEP-M185C	12x UATYAEP-M185C	12x UATYAEP-M185C
Other	Rubber Antivibration Mounts	2x UATYAAVM1	2x UATYAAVM2	2x UATYAAVM1	2x UATYAAVM1 + 1x UATYAAVM2	4x UATYAAVM1	2x UATYAAVM1 + 2x UATYAAVM2	2x UATYAAVM1	2x UATYAAVM1	3x UATYAAVM1 + 1x UATYAAVM2	4x UATYAAVM1	3x UATYAAVM1 + 1x UATYAAVM2	2x UATYAAVM1 + 2x UATYAAVM2	1x UATYAAVM1 + 1x UATYAAVM2	1x UATYAAVM1 + 2x UATYAAVM2	3x UATYAAVM1 + 1x UATYAAVM2	2x UATYAAVM1 + 2x UATYAAVM2	2x UATYAAVM1 + 2x UATYAAVM2	4x UATYAAVM1 + 1x UATYAAVM2	3x UATYAAVM1 + 2x UATYAAVM2
Other	Rubber antivibration mounts when gas heater is used	1x UATYAAVM1 + 1x UATYAAVM2	1x UATYAAVM1 + 1x UATYAAVM2	1x UATYAAVM1 + 1x UATYAAVM2	1x UATYAAVM1 + 2x UATYAAVM2	5x UATYAAVM1	5x UATYAAVM1	2x UATYAAVM1	1x UATYAAVM1 + 1x UATYAAVM2	4x UATYAAVM1	5x UATYAAVM1	5x UATYAAVM1	5x UATYAAVM1	1x UATYAAVM1 + 1x UATYAAVM2	2x UATYAAVM1 + 1x UATYAAVM2	4x UATYAAVM1	5x UATYAAVM1	4x UATYAAVM1 + 1x UATYAAVM2	3x UATYAAVM1 + 2x UATYAAVM2	3x UATYAAVM1 + 2x UATYAAVM2
Other	Rainproof Hood with Anti-intrusion grille	N/A	N/A	N/A	N/A	N/A	N/A	UATYARPH3	UATYARPH4	UATYARPH5	UATYARPH6	UATYARPH6	UATYARPH6	UATYARPH1	UATYARPH2	UATYARPH8	UATYARPH7	UATYARPH7	UATYARPH7	UATYARPH7



Accessories

Material name	Material description	Trade Price
UATYAC75A	Filter ISO Coarse 75% (G4) for BASE, FC2, FC3 class 25-50*	**£35.00**
UATYAC75B	Filter ISO Coarse 75% (G4) for BASE, FC2, FC3 class 25-70*	**£70.00**
UATYAC75C	Filter ISO Coarse 75% (G4) for BASE, FC2, FC3 class 80-190*	**£66.00**
UATYAEPM1050A	Filter ISO ePM10 50% (M5/F5) for BASE, FC2, FC3 class 25-50*	**£50.00**
UATYAEPM1050B	Filter ISO ePM10 50% (M5/F5) for BASE, FC2, FC3 class 25-70*	**£78.00**
UATYAEPM1050C	Filter ISO ePM10 50% (M5/F5) for BASE, FC2, FC3 class 80-190*	**£78.00**
UATYAEPM1070A	Filter ISO ePM10 70% (M6) for BASE, FC2, FC3 class 25-50*	**£175.00**
UATYAEPM1070B	Filter ISO ePM10 70% (M6) for BASE, FC2, FC3 class 25-70*	**£286.00**
UATYAEPM1070C	Filter ISO ePM10 70% (M6) for BASE, FC2, FC3 class 80-190*	**£253.00**
UATYAEPM150A	Rigid bag filter ISO ePM1 50% (F7) for BASE, FC2, FC3 class 25-50*	**£175.00**
UATYAEPM150B	Rigid bag filter ISO ePM1 50% (F7) for BASE, FC2, FC3 class 25-70*	**£286.00**
UATYAEPM150C	Rigid bag filter ISO ePM1 50% (F7) for BASE, FC2, FC3 class 80-190*	**£253.00**
UATYAEPM185A	Rigid bag filter ISO ePM1 85% (F9) for BASE, FC2, FC3 class 25-50*	**£175.00**
UATYAEPM185B	Rigid bag filter ISO ePM1 85% (F9) for BASE, FC2, FC3 class 25-70*	**£286.00**
UATYAEPM185C	Rigid bag filter ISO ePM1 85% (F9) for BASE, FC2, FC3 class 80-190*	**£253.00**
UATYACO2P	Duct air quality C02 Probe	**£1,872.00**
UATYACAP	Airflow transducer	**£563.00**
UATYARRP	Room return probe with housing included	**£199.00**
UATYASA	Smoke and Fire detector	**£803.00**
UATYAWRC	Optional wired remote controller. Factory mounted controller is present on the unit	**£770.00**
UATYAAVM1	Rubber antivibration mounts for BASE, FC2, FC3 class 25-190*	**£118.00**
UATYAAVM2	Rubber antivibration mounts to complement where applicable*	**£118.00**
UATYARPH1	Rainproof hood for FC3 class 25-30*	**£792.00**
UATYARPH2	Rainproof hood for FC3 class 40-50*	**£792.00**
UATYARPH3	Rainproof hood for FC2 class 25-30*	**£1,309.00**
UATYARPH4	Rainproof hood for FC2 class 40-50*	**£1,309.00**
UATYARPH5	Rainproof hood for FC2 class 60-70*	**£1,101.00**
UATYARPH6	Rainproof hood for FC2 class 80-190*	**£1,101.00**
UATYARPH7	Rainproof hood for FC3 class 80-190*	**£1,206.00**
UATYARPH8	Rainproof hood for FC3 class 60-70*	**£1,309.00**

Notes:

* Please go to the field applied accessory table to look up the column with rooftop unit and capacity. Then choose the filters, anti-vibration mounts and rainproof hoods to suit.

Example for M5/F5 filters and anti-vibration mounts for a BASE rooftop unit class 25:

1 x UATYA-BBAY1 requires 2x UATYAEPM1050A + 2x UATYAEPM1050B and 2x UATYAAVM1

G4 filters are supplied as standard for MTS units, but can be chosen as an accessory to replace dirty filters.

All Accessories are sent separately to be installed onsite for Made To Stock Units

Rooftops – BRS4* Range

*Made to order only

** For full specification and pricing, please contact your sales rep

4 damper monobloc system, able to manage 50% or 100% fresh air

Designed for use when:

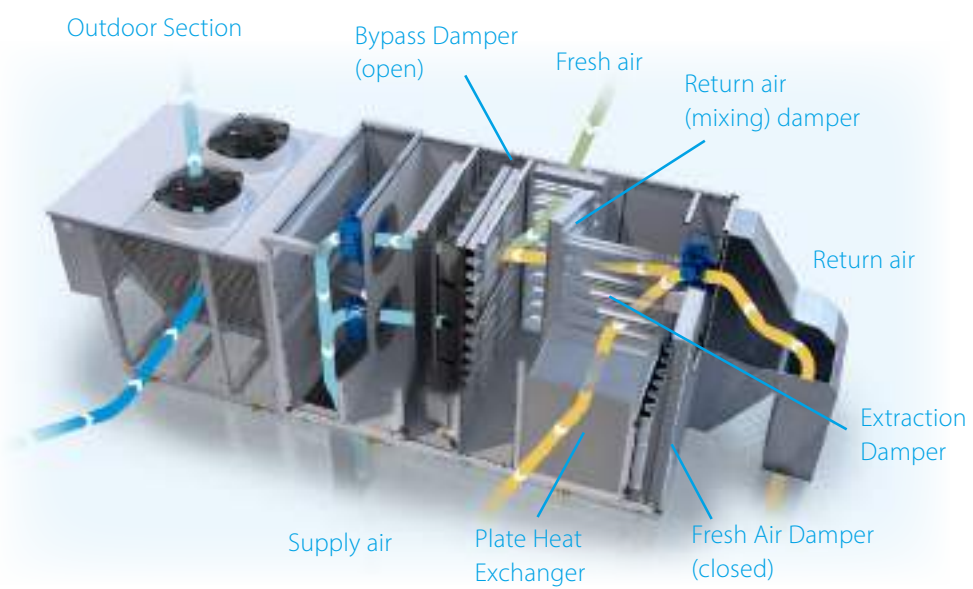
- There is human presence
- Autonomous system for complete fresh air management is required

Including:

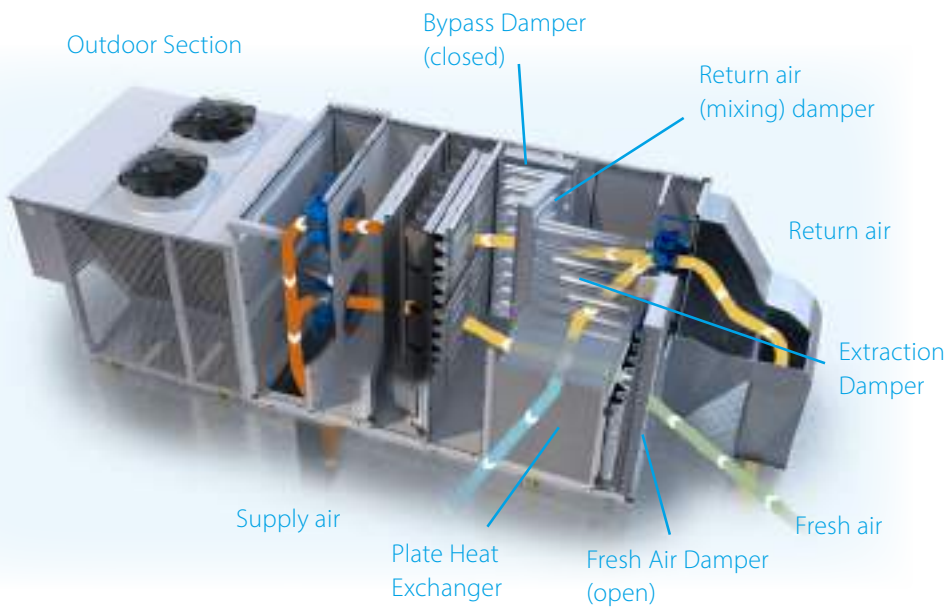
- Plate heat exchanger for increased efficiency and no cross contamination of air
- Fourth damper to enable controllable free cooling

Base Units - No Extras or Accessories - UK ambient		Size:	25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190
Capacity	UK Total Cooling	kW	27.9	35	45	52.7	69.4	76.5	87.8	106	113	126	132	153	164	178	197	213
	UK Sensible Cooling	kW	18.3	22.7	28.7	33.5	43.9	47.8	57	66.5	70.4	80.2	83.3	99	103	112	129	135
	FreeCooling	kW	25.2	32.1	41.8	50.1	60.7	71.8	81.8	92	100	110	114	131	131	153	168	174
	Nominal Heating	kW	27.7	34.1	43.1	54.1	64.7	74.2	81.6	98.7	107	116	125	144	157	172	184	206
Nominal Efficiency	EER (with 30% fresh air)		3.33	3.52	3.6	3.42	3.61	3.33	3.44	3.56	3.46	3.36	3.23	3.52	3.33	3.31	3.2	3.06
	COP (with 30% fresh air)		3.93	3.99	4.03	3.92	3.97	3.77	3.92	3.95	3.79	3.91	3.75	4	3.71	3.71	3.68	3.63
Seasonal Efficiency	ηs,c	%	179	189	212	208	215	178	220	216	205	209	203	173	167	168	164	160
	ηs,h	%	132	133	144	143	133	133	145	142	136	140	137	131	131	130	129	130
Dimensions	Height	mm	1925	1925	2375	2375	1924	1924	2375	2375	2375	2375	2375	2375	2375	2375	2375	2375
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Length	mm	3520	3520	3520	3520	6317	6317	6317	6317	6317	6317	6317	7117	7117	7117	7117	7117
Weight		kg	1216	1250	1358	1434	2032	2114	2464	2519	2584	2620	2633	3096	3108	3159	3198	3267
External Static Pressure	(measured condition)	Pa	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Airflow rate	(Supply air)	m^3/hr	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	24,500	26,500	28,000	30,500	31,500
Refrigerant (Full charge amount - kg)			R-32 (7)	R-32(10)	R-32(12)	R-32(15)	R-32(18)	R-32(18)	R-32(23)	R-32(24)	R-32(28)	R-32(30)	R-32(36)	R-32(38)	R-32(38)	R-32(46)	R-32(50)	R-32 (50)
Sound Pressure	Nominal	dBA	63.2	65.3	67.3	66.6	68.1	67.2	71.7	67.9	69.1	69.7	73.3	67.6	67.6	68	68.3	69.2
Operating Range	Cooling	0C	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
	Heating	0C	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
Electrical Details	Power Supply	V	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		Hz	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
		Phase	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Input Power Cooling	kW	8.37	10.2	12.5	15.4	19.2	23	25.8	29.8	32.7	37.5	41.5	43.5	50.8	53.7	61.5	69.6
	Input Power Heating	kW	7.03	8.67	10.7	13.8	16.3	19.7	20.8	25	28.2	29.7	33.3	36	42	46.3	50	56.8
	Input Power FreeCooling	kW	-0.11	0.22	-0.13	0.06	0.24	1.1	0.63	-0.42	-0.3	0.04	0.39	1.25	2.06	2.37	4.74	5.3

RS4 Model – Bypass Mode



RS4 Model – Heat Recovery Mode



Rooftop Made to Order (including BRS4 range) Common Options

Fan motors																	
Size	**Units**	**25**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**	**140**	**150**	**160**	**180**	**190**
Nominal Airflow	m^3/min	1.28	1.65	2.13	2.56	2.13	3.49	4.12	4.69	5.12	5.63	6.14	6.81	7.54	7.96	8.67	8.96
Maximum Airflow	m^3/min	1.38	1.77	2.29	2.75	3.36	3.97	4.43	5.04	5.50	6.05	6.60	7.64	8.10	8.56	9.15	9.19
Supply Fan Standard, Nominal Power, ESP at Nominal and Maximum Airflow	kW	1.3	2.1	2.6	2.8	3.4	3.4	2.6	2.6	2.6	2.8	2.8	2.6	2.6	2.6	2.8	2.8
	Pa (Nom)	438	691	481	401	596	367	503	465	430	389	351	386	356	322	241	220
	Pa (Max)	420	563	450	369	476	190	477	426	380	347	294	334	294	251	187	183
Supply Fan Oversized, Nominal Power, ESP at Nominal and Maximum Airflow	kW	2.1	2.1	3.4	3.4	4.6	4.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	Pa (Nom)	974	691	816	720	873	666	842	788	737	665	579	707	666	622	503	464
	Pa (Max)	941	563	772	664	766	497	804	732	665	569	458	637	584	526	404	398
Supply Fan Extra-Oversized, Nominal Power, ESP at Nominal and Maximum Airflow	kW	2.1	2.5	3.4	4.6	4.6	2.5	3.4	3.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	Pa (Nom)	974	864	816	971	873	725	842	788	988	927	853	949	915	877	769	734
	Pa (Max)	941	739	772	907	766	555	804	732	928	845	746	890	844	794	681	675

Heaters & Humidifiers																	
Size	**Units**	**25**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**	**140**	**150**	**160**	**180**	**190**
Humidifier Standard, Vapour Flow & Power input	KG/Hr	3	5	8	8	10	15	15	18	18	18	18	25	25	25	35	35
	kW	2.3	3.8	6	6	7.7	11.3	11.3	13.5	13.5	13.5	13.5	18.7	18.7	18.7	26.2	26.2
Humidifier Oversized, Vapour Flow & Power input	KG/Hr	8	10	15	15	25	25	25	35	35	35	35	45	45	45	45	45
	kW	6	7.7	11.3	11.3	18.7	18.7	18.7	26.2	26.2	26.2	26.2	33.7	33.7	33.7	33.7	33.7
Electrical Heaters Base, Capacity + Heating Capacity Increase	kW	4.5	9	13.5	13.5	18	18	27	27	27	31.5	31.5	36	36	36	40.5	40.5
	%	18.00%	30.00%	33.80%	27.00%	30.00%	25.70%	33.80%	30.00%	27.00%	28.60%	26.30%	25.70%	24.00%	22.50%	22.50%	21.30%
Electrical Heaters Oversized, Capacity + Heating Capacity Increase	kW	9	13.5	18	18	27	27	36	36	36	45	45	54	54	54	63	63
	%	36.00%	45.00%	45.00%	36.00%	45.00%	38.60%	45.00%	40.00%	36.00%	40.90%	37.50%	38.60%	36.00%	33.80%	35.00%	33.20%

Rooftop selection software
Making selection easy, anytime, anywhere

- Easy selection and sizing of the correct unit
- Easy selection of Made to Order units and accessories
- Produce a full selection and specification report
- Accurate efficiency simulation of the selected unit
- Direct availability of commercial offer report



Select and configure your rooftop now

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VRV

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VRV 5 R-32 BLUEVOLUTION

Leading the way in Decarbonising the HVAC Industry

Top sustainability

- Reduced CO_2 equivalent thanks to the use of R-32 refrigerant
- 15% less refrigerant charge
- Top sustainability over the entire lifecycle, thanks to market-leading real-life seasonal efficiency
- Ideal for your green building certification, thanks to lower GWP refrigerant

Building for the future

- The widest range of next-generation heat recovery systems to meet complex demands, including easy upgrade
- The best partner for your BREEAM, LEED or WELL project
- True continuous heating during defrost (for REYA-A system)

Maximum flexibility out of the box

With Shîrudo technology, your VRV 5 system takes care of small room applications in your building, without the need for any additional considerations and equipment in the field.

- Fully compliant with the latest product standard IEC60335-2-40 (Ed.7)
- Third-party CB certified by a Notified Body (SGS CEBEC)
- No requirement for extra toxicity leak detection to comply with EN 378

Automatic and real-time leak detection, alarm and refrigerant recovery

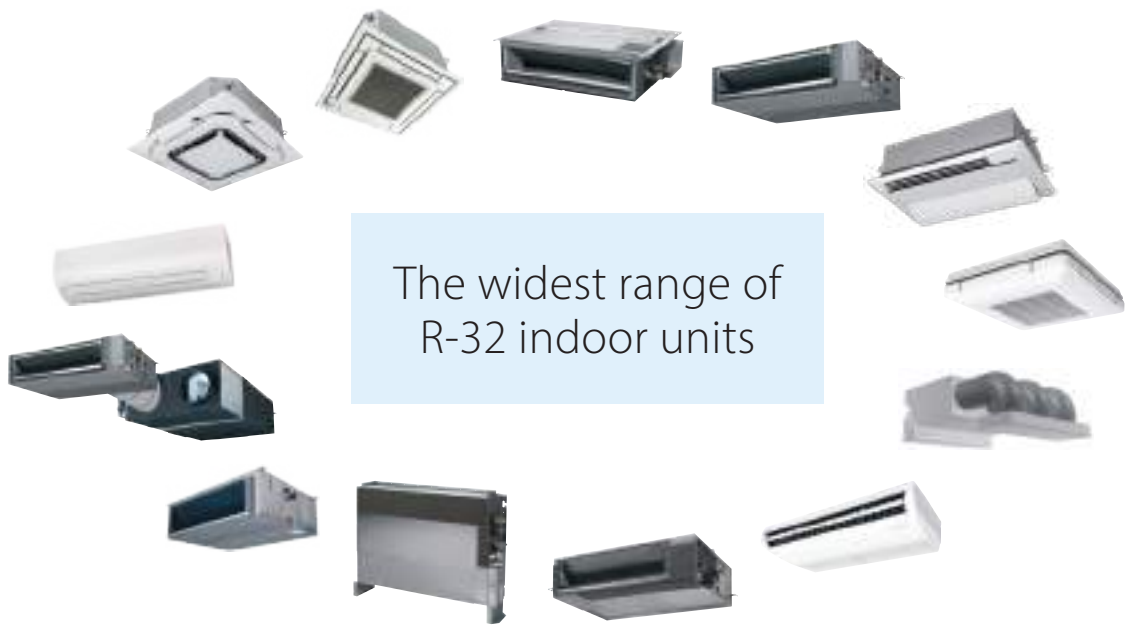
Shîrudo technology further minimises the risk of direct CO_2 eq. impact from a refrigerant leak. The system is continuously self-monitoring, and in the unlikely event of a refrigerant leak, this is immediately detected. An alarm is activated to notify tenants, while the rest of the system will work to minimise the impact of the leak.

. . . scan to learn more about VRV 5

D-carbonise with Daikin

Enhanced installation flexibility with new single port BS Box





The widest range of R-32 indoor units

Daikin app

Lower CO_2 equivalents

Industry-leading real life efficiencies

Flexibility to take care of every room

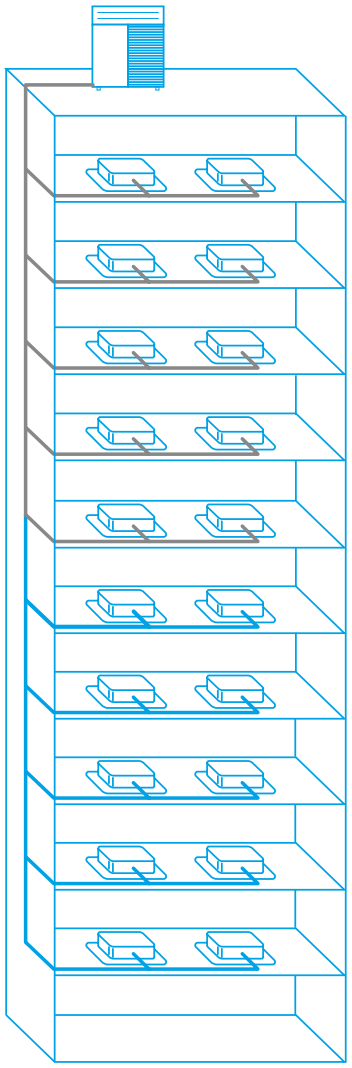
The VRV Total Solution

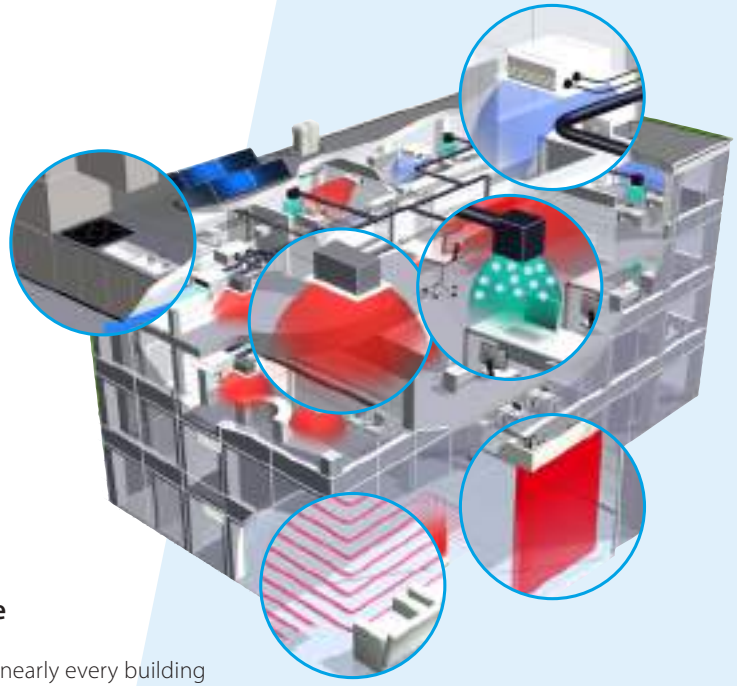
Many buildings today typically operate entirely separate systems for heating, cooling, refrigeration and hot water. As a result, a huge amount of energy is wasted. VRV technology has been developed into a total solution for heating, cooling, refrigeration, and ventilation to provide a much more efficient alternative.

The VRV total solution

Air conditioning, refrigeration and cooling IT servers can generate waste heat that can be reused to heat and ventilate other areas of the building or to provide hot water for washrooms at a much-reduced cost.

By understanding the whole building's heating and cooling needs at the outset, an integrated climate control solution can be delivered that offers much higher energy efficiency levels, thus reducing the carbon impact of a building. This means that all internal and external conditions must be taken into account in the design of the climate control system.





Extended piping range

- Piping possibilities to suit nearly every building
- VRV systems can cover fan coils over 10 floors
- Significantly increase heat recovery opportunities by combining VRV with AHU DX coils, Air Curtains and hot water production

Piping Rules	Heat Recovery (R-410A)	Heat Recovery (R-32)	Heat Pump	Mini Compact	Mini Standard & Mini VRV R-32	Mini Extended	VRVQ	VRV-W
	8-54 hp	8-28 hp	8-54 hp	4, 5, 6 hp	4, 5, 6 hp	8, 10, 12 hp	8-48 hp	8-30 hp
Maximum pipe length from Condenser to furthest indoor unit**	165m	165m	165m	70m	120m	100m	120m	120m
Maximum distance from 1st Refnet joint to furthest fan coil **	90m	90m	90m	40m	40m	40m	40m	90m
Maximum total pipework length (VRV Fan coils)**	1000m	1000m	1000m	300m	300m	300m	300m	300m
Maximum difference from indoor unit to its own refnet	40m	40m	40m	40m	40m	40m	40m	40m
Maximum Height difference between Outdoor and Indoor**	90m	90m	90m	30m	40-50m*	40-50m*	40-50m*	40-50m*
Maximum Height difference between indoor units	30m	30m	30m	15m	15m	15m	15m	30m

Notes:
* 40m if condenser is below indoors - 50m if condenser above indoors
**Not all limitations are shown for every combination of indoor units
**Some limitations will require upsizing of pipes to be achieved
**Some limitations cannot be used together on the same system
**Some limitations require approval
Please contact Daikin UK for more details on pipework design

Easily check piping layouts with Daikin's VRV Xpress software at **https://vrvxpress.daikin.eu**

Design Standards

Two standards are applied to cover the safety regulations of refrigerants:

EN378:2016: the generic standard on refrigerants covering the toxicity of the refrigerant (class A or B)

IEC60335-2-40 (Ed.7): the specific heat pump product standard covering the flammability of the refrigerant (1, 2L, 2, 3)

How to optimise an R-32 VRV under IEC60335-2-40 (Ed.7)

The product standard IEC60335-2-40 (Ed.7) specifies the following:

- The minimum room surface that needs to be respected, in the function of the total refrigerant quantity of the system
- The measures that can be implemented to relax limitations on minimum room surface in relation to the system's total refrigerant charge

Possible measures towards flammability

Manufacturers have the choice to implement zero, one or two measures:

- Ventilation (natural or mechanical)
- Shut-off valves
- Alarm (local and supervisor)

The true flexibility of a system is highly dependent on keeping the considerations needed to select, install and maintain a system to the minimum. **Daikin has two factory-integrated measures, undertaking full responsibility for compliance to product standards and offering maximum flexibility if some simple installation requirements are respected**.

Capacity conditions

Unit cooling and heating capacities shown within this section are based on the following conditions (db):

Nominal cooling	Nominal heating	UK cooling
Ambient = 35°C	Ambient = 7°C	Ambient = 30°C
Internal = 27°C	Internal = 20°C	Internal = 24°C

WHICH STANDARD IS APPLIED?

Toxicity
(indicated by the capital letter A or B)

Generic Standard - EN378:2016

Flammability
(indicated by the digits 1,2,3)

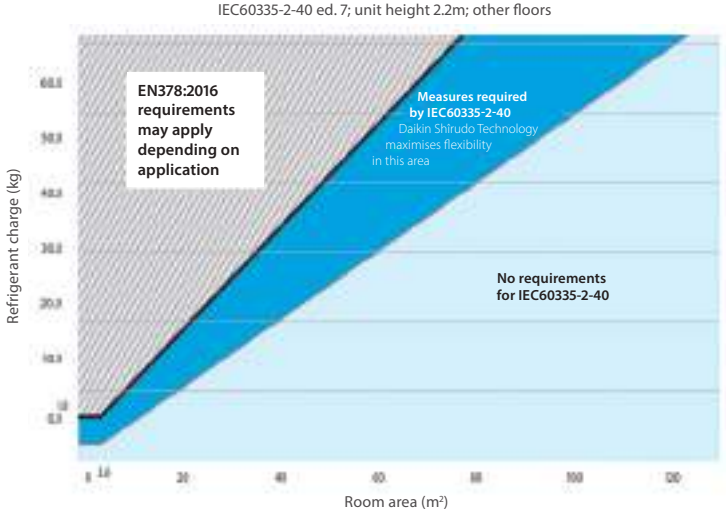
Product Standard IEC60335-2-40 [Ed.7]

As a result of the combined standards the refrigerant classification is:

		Toxicity	
		Lower	Higher
Flammability	No flame propagation	A1	B1
	Lower flammability	A2L* R-32	B2L*
		A2	B2
	Higher flammability	A3	B3

*A2L and B2L are lower flammability refrigerants with a maximum burning velocity of ≤10 cm/s

Refrigerant response measures according to IEC60335-2-40 ed. 7; unit height 2.2m; other floors



Area 1: application area without any measures

- Typically Split & Sky Air systems fall in this area thanks to very low refrigerant charges
- A typical mini VRV installation, with 6.5 kg of refrigerant would require a minimum room surface of **39 m²**

Area 2: application area with two measures integrated

- Daikin Shîrudo technology enables you to use the VRV system to its full potential

Reaction time of Daikin VRV 5 system

Extended application area of VRV 5

Application area without any measures

R-32 BLUEVOLUTION

FXFA-A

Roundflow Cassette



Notes:

i) Cassette prices include standard decoration panel - self-cleaning panel available as an accessory item
ii) BYCQ140E = pure white panel with grey louvres , BYCQ140EW = pure white standard panel with white louvres, BYCQ140EGF = Pure white auto cleaning panel with fine filter. The BYCQ140EW has white insulations. Be informed that formations of dirt on white insulation is visibly stronger & that it is consequently not advised to install the decoration panel in environments exposed to concentrations of dirt
iii) For accessories please refer to pages 174 - 194

Indoor Units				FXFA20A	FXFA25A	FXFA32A	FXFA40A	FXFA50A	FXFA63A	FXFA80A	FXFA100A	FXFA125A
Capacity	UK Total Cooling		kW	1.8	2.4	3.0	3.7	4.6	5.8	7.5	9.3	11.6
	UK Sensible Cooling		kW	1.4	1.7	2.2	2.7	3.3	4.1	5.2	6.7	8.4
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Air Flow Rate	High		m^3/sec	0.213	0.213	0.213	0.247	0.252	0.277	0.388	0.480	0.550
	Nom		m^3/sec	0.178	0.178	0.178	0.210	0.213	0.222	0.322	0.353	0.457
	Low		m^3/sec	0.148	0.148	0.148	0.173	0.178	0.178	0.230	0.230	0.343
Dimensions	Height x Width x Depth		mm	204x840x840	204x840x840	204x840x840	204x840x840	204x840x840	204x840x840	246x840x840	246x840x840	288x840x840
Weight			kg	18	18	18	19	21	21	24	24	26
Standard Decoration Panels	Model			Roundflow BYCQ140E white (standard panel) / Roundflow BYCQ140EB black								
	Colour			Pure White (RAL 9010) / Black (RAL9005)								
	Dimensions H x W x D		mm	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950
	Weight		kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Fully White Decoration Panel	Model			Roundflow with white louvres BYCQ140EW								
	Colour			Pure White (RAL 9010)								
	Dimensions H x W x D		mm	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950	65x950x950
	Weight		kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Self Cleaning Decoration Panels	Model			Roundflow self-cleaning BYCQ140EGF white / Roundflow self-cleaning BYCQ140EGFB black								
	Colour			Pure White (RAL 9010) / Black (RAL9005)								
	Dimensions H x W x D		mm	148x950x950	148x950x950	148x950x950	148x950x950	148x950x950	148x950x950	148x950x950	148x950x950	148x950x950
	Weight		kg	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Electrical Details	Running Current		amps	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.7	1.2
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Sound Level	Sound Pressure	High	dBA	31.0	31.0	31.0	33.0	33.0	35.0	38.0	43.0	45.0
		Nom	dBA	29.0	29.0	29.0	31.0	31.0	33.0	34.0	37.0	41.0
		Low	dBA	28.0	28.0	28.0	29.0	29.0	30.0	30.0	30.0	36.0
	Sound Power		dBA	49.0	49.0	49.0	51.0	51.0	53.0	55.0	60.0	61.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£1,240.00**	**£1,266.00**	**£1,294.00**	**£1,394.00**	**£1,462.00**	**£1,543.00**	**£1,644.00**	**£1,785.00**	**£2,222.00**

R-32 BLUEVOLUTION

FXZA-A

600x600 Fully Flat Cassette



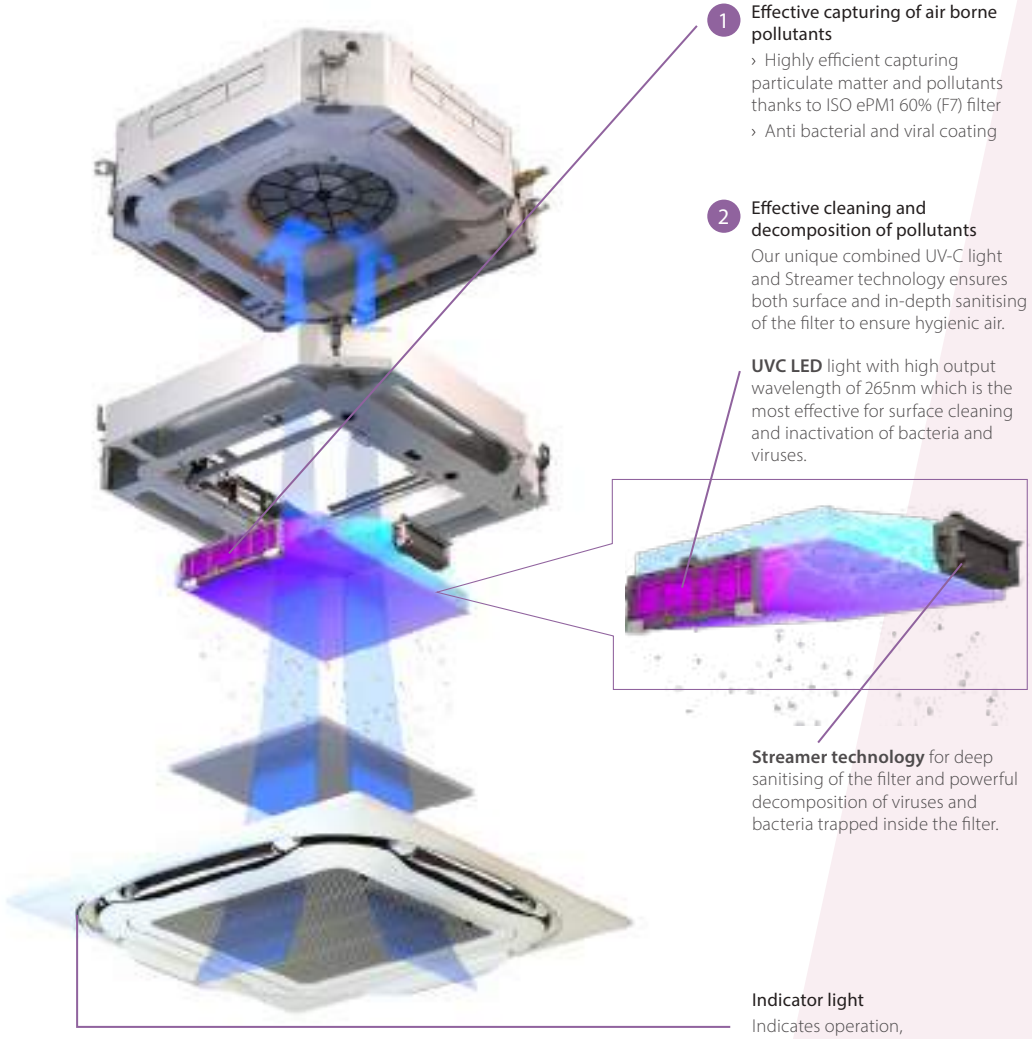
Notes:

i) Cassette prices include Fully Flat decoration panel in fresh white. Other colour panels available on request.
ii) Dimensions include control box
iii) For accessories please refer to pages 174 - 194

Indoor Units				FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A
Capacity	UK Total Cooling		kW	1.4	1.8	2.3	3.0	3.7	4.6
	UK Sensible Cooling		kW	1.0	1.4	1.7	2.1	2.7	3.3
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3
Air Flow Rate	High		m^3/sec	0.142	0.145	0.150	0.167	0.192	0.233
	Nom		m^3/sec	0.117	0.125	0.133	0.142	0.158	0.208
	Low		m^3/sec	0.108	0.108	0.108	0.117	0.133	0.167
Dimensions (with Decoration Panel)		HxWxD	mm	260 (306) x 575 (620) x 575 (620)					
Weight (with Decoration Panel)			kg	15.5 (18.3)	15.5 (18.3)	15.5 (18.3)	16.5 (19.3)	16.5 (19.3)	18.5 (21.3)
Decoration Panel				Fully Flat in white (N9.5) BYFQ60C4W (standard panel)					
Dimensions			mm	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620
Weight			kg	2.8	2.8	2.8	2.8	2.8	2.8
Decoration Panel				Fully Flat in white (N9.5) BYFQ60C4S (silver panel)					
Dimensions			mm	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620
Weight			kg	2.8	2.8	2.8	2.8	2.8	2.8
Decoration Panel				Old style panel BYFQ60B3 (White RAL9010)					
Dimensions			mm	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700
Weight			kg	2.7	2.7	2.7	2.7	2.7	2.7
Electrical Details	Running Current		amps	0.3	0.3	0.3	0.4	0.4	0.6
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	31.5	32.0	33.0	33.5	37.0	43.0
		Nom	dBA	28.0	29.5	30.0	30.0	32.0	40.0
		Low	dBA	25.5	25.5	25.5	26.0	28.0	33.0
	Sound Power		dBA	49.0	49.0	50.0	51.0	54.0	60.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Gas		inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)
Trade Unit Price				**£1,179.00**	**£1,207.00**	**£1,232.00**	**£1,257.00**	**£1,349.00**	**£1,481.00**

UV Streamer for Roundflow Cassette

Daikin's unique Catch & Clean approach includes an ISO ePM1 60% filter, UV-C light and Streamer technology



1 **Effective capturing of air borne pollutants**

› Highly efficient capturing particulate matter and pollutants thanks to ISO ePM1 60% (F7) filter

› Anti bacterial and viral coating

2 **Effective cleaning and decomposition of pollutants**

Our unique combined UV-C light and Streamer technology ensures both surface and in-depth sanitising of the filter to ensure hygienic air.

UVC LED light with high output wavelength of 265nm which is the most effective for surface cleaning and inactivation of bacteria and viruses.

Streamer technology for deep sanitising of the filter and powerful decomposition of viruses and bacteria trapped inside the filter.

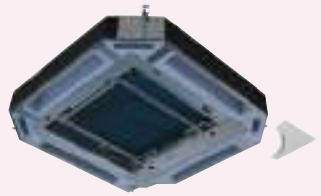
Indicator light

Indicates operation, malfunction or replacement status.

Our UV Streamer Kit offers you the solution:

- Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), odours, allergens, etc. ensuring a healthy and hygienic indoor environment
- Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology
- Thanks to the large air flow rate of the Roundflow cassette, clean air can be quickly delivered to every corner of your space
- Can be **retrofitted** into existing installations
- Can be used with BYCQ140E and BYCQ140EW decoration panels

Model		**BAEF125AWB**
Power Supply		1Ph, 220-240V, 50/60Hz
Dimensions (H x W x D)	mm	100 x 840 x 840
Weight	kg	12
Compatible decoration panels		BYCQ140E/BYCQ140EW * *(UV-streamer kit cannot be used with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit)
Filter Efficiency		ePM1 60% @ISO16890 (F7)
Trade price		**£579.00**



Maintenance Replacements

Description	**Replacement Filter (1 pack): ePM1 60%* / F7**	**UV-C LED Module**	**Flash Streamer Module**
Product Code	BAF55A125	2542301	5016531
Replacement interval	Every Year	Every 7 Years	Every 7 Years
Ordering Route	Accessories	Spare Parts	Spare Parts
Trade price	**£85.00**	**£132.54**	**£33.58**

*As per ISO 16890

99.9%

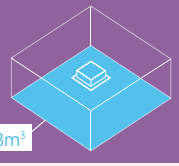
of viruses removed in 30 minutes, thanks to Daikin's unique Catch & Clean approach

Tested at Intertek

Results based on tests performed in the laboratories of Intertek, in a 28m³ room. Daikin's Roundflow cassette (FXFQ125B) removes more than 99.9% of enveloped viruses such as Corona viruses.

* Additional details regarding this function can be found in the unit technical manual.

Tested according to real life sized room





R-32 BLUEVOLUTION

FXUA-A

Under Ceiling Cassette



Indoor Units				FXUA50A	FXUA71A	FXUA100A
Capacity	UK Total Cooling		kW	4.6	6.6	9.4
	UK Sensible Cooling		kW	3.3	4.8	7.1
	Nominal Cooling		kW	5.6	8.0	11.2
	Nominal Heating		kW	6.3	9.0	12.5
Air Flow Rate	High		m^3/sec	0.283	0.367	0.517
	Nominal		m^3/sec	0.242	0.308	0.425
	Low		m^3/sec	0.217	0.267	0.350
Dimensions	Height x Width x Depth		mm	198 x 950 x 950	198 x 950 x 950	198 x 950 x 950
Weight			kg	26	26	27
Electrical Details	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6
Sound Level	Sound Pressure (Cooling)	H / M / L	dBA	37 / 35 / 33	40 / 38 / 36	47 / 44 / 40
	Sound Power (Cooling)	H	dBA	55.0	58.0	65.0
Trade Unit Price				**£1,712.00**	**£2,039.00**	**£2,172.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-32 BLUEVOLUTION

FXNA-A

Concealed Floor Standing Unit



Indoor Units				FXNA20A	FXNA25A	FXNA32A	FXNA40A	FXNA50A	FXNA63A
Capacity	UK Total Cooling		kW	1.8	2.4	3.0	3.7	4.7	5.9
	UK Sensible Cooling		kW	1.3	1.5	1.9	2.4	3.0	3.8
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.123	0.140	0.140	0.170	0.215	0.273
	Nom		m^3/sec	0.107	0.123	0.123	0.150	0.192	0.240
	Low		m^3/sec	0.090	0.107	0.107	0.132	0.177	0.215
External Static Pressure	High		Pa	41	41	42	52	59	55
	Low		Pa	10	10	10	15	15	15
Dimensions*	Height x Width x Depth		mm	720 x 790 x 200	720 x 790 x 200	720 x 790 x 200	720 x 990 x 200	720 x 990 x 200	720 x 1190 x 200
Weight			kg	23.5	23.5	24	28	28	32
Electrical Details	Running Current		amps	0.2	0.2	0.2	0.3	0.4	0.5
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	28.0	30.0	31.5	31.0	35.0	34.5
		Nom	dBA	26.5	28.5	30.0	29.0	33.0	32.5
		Low	dBA	25.0	27.0	28.5	27.0	31.0	30.5
	Sound Power		dBA	49.0	51.0	52.5	51.5	55.5	54.5
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Gas		inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Trade Unit Price				**£1,052.00**	**£1,071.00**	**£1,093.00**	**£1,132.00**	**£1,146.00**	**£1,217.00**

*Dimensions may vary depending on installation method, please refer to databook

Notes:

i) For accessories please refer to pages 174 - 194
ii) Supplied with removable feet

R-32 BLUEVOLUTION

FXSA-A

Concealed Ceiling Unit



Notes:

i) For accessories please refer to pages 174 - 194

Indoor Units				FXSA15A	FXSA20A	FXSA25A	FXSA32A	FXSA40A	FXSA50A	FXSA63A	FXSA80A	FXSA100A	FXSA125A	FXSA140A
Capacity	UK Total Cooling		kW	1.4	1.8	2.4	3.0	3.7	4.7	5.8	7.5	9.3	11.9	13.3
	UK Sensible Cooling		kW	1.1	1.4	1.7	2.2	2.8	3.5	4.4	5.5	7.0	8.5	10.0
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Air Flow Rate	High		m^3/sec	0.145	0.150	0.150	0.158	0.250	0.253	0.350	0.383	0.533	0.600	0.650
	Nom		m^3/sec	0.125	0.125	0.125	0.133	0.208	0.208	0.300	0.325	0.450	0.525	0.567
	Low		m^3/sec	0.108	0.108	0.108	0.117	0.183	0.183	0.250	0.267	0.383	0.433	0.467
External Static Pressure	High		Pa	150	150	150	150	150	150	150	150	150	150	150
	Low		Pa	30	30	30	30	30	30	30	40	40	50	50
Dimensions	Height x Width x Depth		mm	245 x 550 x 800	245 x 550 x 800	245 x 550 x 800	245 x 550 x 800	245 x 700 x 800	245 x 700 x 800	245 x 1000 x 800	245 x 1000 x 800	245 x 1400 x 800	245 x 1400 x 800	245 x 1550 x 800
Weight			kg	23.5	23.5	23.5	24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0
Electrical Details	Running Current		amps	0.7	0.7	0.7	0.8	1.3	1.3	1.3	1.5	1.8	2.0	2.7
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	29.5	30.0	30.0	31.0	35.0	35.0	33.0	35.0	36.0	39.0	41.5
		Nom	dBA	28.0	28.0	28.0	29.0	32.0	32.0	30.0	32.0	34.0	36.0	38.0
		Low	dBA	25.0	25.0	25.0	26.0	29.0	29.0	27.0	29.0	31.0	33.0	34.0
	Sound Power		dBA	54.0	54.0	54.0	55.0	60.0	60.0	59.0	61.0	61.0	64.0	64.0
Piping Connections	Liquid		inches (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inches (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£945.00**	**£972.00**	**£999.00**	**£1,011.00**	**£1,076.00**	**£1,123.00**	**£1,158.00**	**£1,319.00**	**£1,461.00**	**£1,674.00**	**£1,843.00**

R-32 BLUEVOLUTION

FXDA-A

Slim Concealed Ceiling Unit



Notes:

i) For accessories please refer to pages 174 - 194
ii) Fan coils supplied as standard with factory fitted filter

Indoor Units				FXDA10A	FXDA15A	FXDA20A	FXDA25A	FXDA32A	FXDA40A	FXDA50A	FXDA63A
Capacity	UK Total Cooling		kW	0.9	1.5	1.8	2.4	3.0	3.8	4.7	5.9
	UK Sensible Cooling		kW	0.7	1.1	1.4	1.6	2.1	2.6	3.3	4.2
	Nominal Cooling		kW	1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	1.3	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.087	0.108	0.133	0.133	0.133	0.175	0.208	0.275
	Nom		m^3/sec	0.082	0.103	0.120	0.120	0.120	0.158	0.183	0.242
	Low		m^3/sec	0.078	0.097	0.107	0.107	0.107	0.142	0.167	0.217
External Static Pressure	High		Pa	30	30	30	30	30	44	44	44
	Low		Pa	10	10	10	10	10	15	15	15
Dimensions	Height x Width x Depth		mm	200 x 750 x 620	200 x 750 x 620	200 x 750 x 620	200 x 750 x 620	200 x 750 x 620	200 x 950 x 620	200 x 950 x 620	200 x 1150 x 620
Weight			kg	22	22	23	23	23	26.5	26.5	30.5
Electrical Details	Running Current		amps	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.5
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	29.0	32.0	33.0	33.0	33.0	34.0	35.0	36.0
		Nom	dBA	28.0	31.0	31.0	31.0	31.0	32.0	33.0	34.0
		Low	dBA	26.0	27.0	27.0	27.0	27.0	28.0	29.0	30.0
	Sound Power		dBA	48.0	50.0	51.0	51.0	51.0	52.0	53.0	54.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Gas		inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Trade Unit Price				**£888.00**	**£916.00**	**£944.00**	**£971.00**	**£986.00**	**£1,046.00**	**£1,090.00**	**£1,125.00**

R-32 BLUEVOLUTION

FXAA-A

Wall Mounted



Indoor Units				FXAA15A	FXAA20A	FXAA25A	FXAA32A	FXAA40A	FXAA50A	FXAA63A
Capacity	UK Total Cooling		kW	1.4	1.8	2.3	2.9	3.6	4.5	5.8
	UK Sensible Cooling		kW	1.0	1.3	1.7	2.1	2.7	3.3	4.4
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.118	0.132	0.138	0.157	0.203	0.237	0.303
	Low		m^3/sec	0.108	0.108	0.108	0.108	0.163	0.182	0.215
Dimensions	Height x Width x Depth		mm	290 x 795 x 266	290 x 795 x 266	290 x 795 x 266	290 x 795 x 266	290 x 1050 x 269	290 x 1050 x 269	290 x 1050 x 269
Weight			kg	12	12	12	12	15	15	15
Electrical Details	Running Current		amps	0.2	0.2	0.3	0.3	0.3	0.4	0.5
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	32.0	33.0	35.0	37.5	37.0	41.0	46.5
		Low	dBA	28.5	28.5	28.5	28.5	33.5	35.5	38.5
	Sound Power		dBA	51.0	52.0	53.0	55.0	55.0	58.0	63.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Gas		inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Trade Unit Price				**£713.00**	**£736.00**	**£757.00**	**£762.00**	**£784.00**	**£827.00**	**£911.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-32 BLUEVOLUTION

FXHA-A

Ceiling Suspended



Indoor Units				FXHA32A	FXHA50A	FXHA63A	FXHA100A
Capacity	UK Total Cooling		kW	2.9	4.6	5.8	9.2
	UK Sensible Cooling		kW	2.1	3.2	4.2	6.8
	Nominal Cooling		kW	3.6	5.6	7.1	11.2
	Nominal Heating		kW	4.0	6.3	8.0	12.5
Air Flow Rate	High		m^3/sec	0.208	0.267	0.292	0.450
	Nominal		m^3/sec	0.183	0.233	0.250	0.367
	Low		m^3/sec	0.167	0.208	0.217	0.317
Dimensions	Height x Width x Depth		mm	235 x 960 x 690	235 x 1270 x 690	235 x 1270 x 690	235 x 1590 x 690
Weight			kg	24	33	33	39
Electrical Details	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	16	16	16	16
Sound Level	Sound Pressure (Cooling)	H / M / L	dBA	36 / 34 / 31	36.5 / 34.5 / 33	37 / 35 / 34	44 / 37 / 34
	Sound Power (Cooling)	H	dBA	54.0	54.0	55.0	62.0
Trade Unit Price				**£1,474.00**	**£1,554.00**	**£1,632.00**	**£2,024.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-32 BLUEVOLUTION

FXMA-A

Concealed Ceiling Unit (High Static)



Indoor Units			FXMA50A	FXMA63A	FXMA80A	FXMA100A	FXMA125A
Capacity	UK Total Cooling	kW	4.6	5.8	7.4	9.2	11.5
	UK Sensible Cooling	kW	3.4	4.3	5.7	6.9	8.7
	Nominal Cooling	kW	5.6	7.1	9.0	11.2	14.0
	Nominal Heating	kW	6.3	8.0	10.0	12.5	16.0
Air Flow Rate	High	m^3/sec	0.300	0.325	0.417	0.533	0.600
	Nominal	m^3/sec	0.275	0.292	0.375	0.458	0.500
	Low	m^3/sec	0.250	0.267	0.333	0.383	0.433
External Static Pressure	High	Pa	200	200	200	200	200
	Factory Setting	Pa	100	100	100	100	100
Dimensions	Height x Width x Depth	mm	300 x 1000 x 700	300 x 1000 x 700	300 x 1000 x 700	300 x 1400 x 700	300 x 1400 x 700
Weight		kg	35.0	35.0	35.0	46.0	46.0
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp	amps	6	6	6	6	6
Sound Level	Sound Pressure H / M / L (Cooling)	dBA	41.0	42.0	43.0	43.0	44.0
	Sound Power H (Cooling)	dBA	61.0	64.0	67.0	65.0	70.0
Trade Unit Price			**£1,733.00**	**£1,815.00**	**£1,907.00**	**£2,114.00**	**£2,417.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-32 BLUEVOLUTION

FXMA-A

Concealed Ceiling Unit (Ultra High Static)



Indoor Units			FXMA200A	FXMA250A
Capacity	UK Total Cooling	kW	18.3	23.3
	UK Sensible Cooling	kW	14.0	17.6
	Nominal Cooling	kW	22.4	28.0
	Nominal Heating	kW	25.0	31.5
Air Flow Rate	High	m^3/sec	1.400	1.233
External Static pressure	High	Pa	270	270
	Factory Setting	Pa	160	160
Dimensions	Height x Width x Depth	mm	470 x 1490 x 1100	470 x 1490 x 1100
Weight		kg	95	105
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp	amps	6	6
Sound Level	Sound Pressure H / M / L (Cooling)	dBA	42 / 38 / 35	44 / 40 / 37
Trade Unit Price			**£4,221.00**	**£4,320.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-32 BLUEVOLUTION

FXKA-A

1 Way Blow Corner Cassette



Indoor Units				FXKA20A	FXKA25A	FXKA32A	FXKA40A	FXKA50A	FXKA63A
Capacity	UK Total Cooling		kW	1.8	2.3	3.0	3.8	4.7	6.0
	UK Sensible Cooling		kW	1.3	1.6	2.1	2.6	3.3	4.3
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate (Cooling)	High		m^3/sec	0.118	0.118	0.142	0.215	0.258	0.358
	Nominal		m^3/sec	0.100	0.100	0.122	0.183	0.220	0.283
	Low		m^3/sec	0.083	0.083	0.100	0.152	0.183	0.235
Dimensions	Height x Width x Depth		mm	200 x 840 x 470	200 x 840 x 470	200 x 840 x 470	200 x 1240 x 470	200 x 1240 x 470	200 x 1240 x 470
Panel Dimensions	Height x Width x Depth		mm	80 x 950 x 550	80 x 950 x 550	80 x 950 x 550	80 x 1350 x 550	80 x 1350 x 550	80 x 1350 x 550
Decoration Panel				BYK32G	BYK32G	BYK32G	BYK63G	BYK63G	BYK63G
Weight			kg	17.0	17.0	18.0	23.0	23.0	23.0
Electrical Details	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6
Sound Level	Sound Pressure (Cooling)	H / M / L	dBA	36 / 33 / 30	37 / 34 / 31	38 / 35 / 32	40 / 37 / 34	42 / 40 / 37	56 / 53 / 50
	Sound Power (Cooling)	H	dBA	52	53	54	56	58	72
Trade Unit Price (including Decoration Panel)				**£1,243.00**	**£1,424.00**	**£1,442.00**	**£1,610.00**	**£1,653.00**	**£1,781.00**

Notes:

i) Cassette prices include decoration panel
ii) For accessories please refer to pages 174 - 194

R-410A R-32

CYAS/M/L - DK - F/C/R

Biddle Air Curtains

Air curtains are the ideal solution to combat the issue of climate separation across retail outlets or office doorways

Revolutionising our lineup, we've partnered with Biddle to streamline our entire range for seamless VRV & ERA compatibility, introducing dual refrigerant options (R-410A and R-32) for unmatched flexibility and ease of selection.

Using a combination of rectifier technology, air velocity and temperature control, they deliver greater comfort to staff and customers alike, all year round, in all weathers.

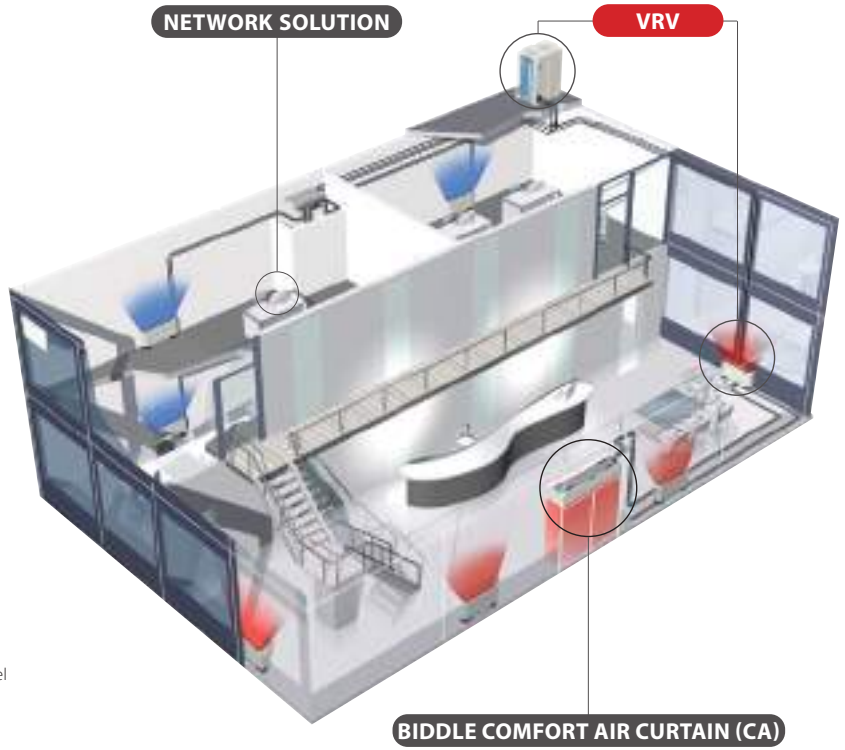
Easy and fast installation of these systems reduces cost and makes expensive water systems, boilers, and gas connections redundant. Integrating a Biddle air curtain with Daikin's VRV or ERA also eliminates the need to install multiple outdoor units, thereby reducing installation time and costs further. This combination enables Daikin to offer its customers the ultimate environmentally conscious package comprising cooling, heating, outdoor-indoor climate separation and fresh air ventilation.



F = Free hanging model

C = Cassette model

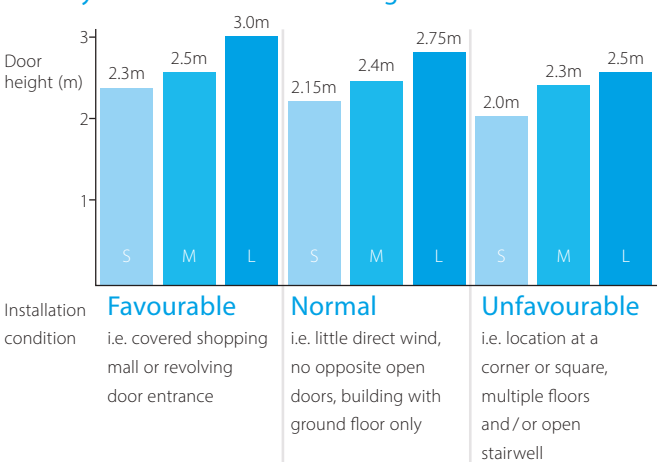
R = Recessed model



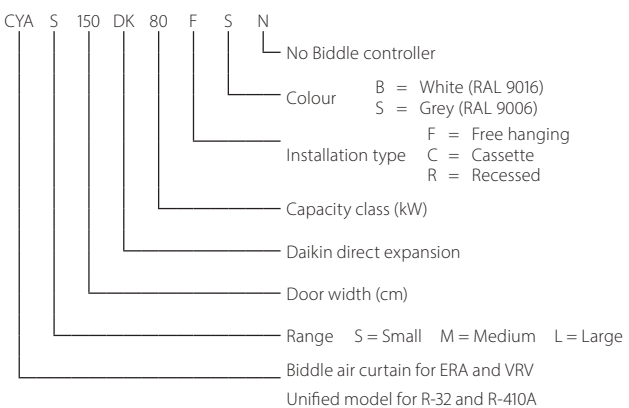
Features and benefits:

- Connectable to ERA and VRV DX outdoor units
- Unified model for R-32 and R-410A refrigerant
- Free-hanging model (F): easy wall mounted installation
- Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible
- Recessed model (R): neatly concealed in the ceiling
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode (in case of VRV heat recovery)
- Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required
- PATENTED TECHNOLOGY: Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity

Select your Biddle air curtain range



Biddle air curtain nomenclature



R-410A R-32

CYAS/M/L - DK - F/C/R

Biddle Standard Air Curtains



Free hanging



Cassette



Recessed model

S SMALL

– Door Height 2.3m to 2m

Maximum Door Width			m	1.0			1.5			2.0			2.5		
Mounting Height			m	2.30 (1) / 2.15 (2) / 2.00 (3)											
Model name				CYAS100DK80*B			CYAS150DK80*B			CYAS200DK100*B			CYAS250DK140*B		
Type				*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R
Heating Capacity		speed 3	kW	6.94			8.60			10.90			15.20		
Delta T	Inlet = room temperature	speed 3	°K	17.7			14.6			13.9			15.5		
Power input (50Hz)	Fan only / Heating		kW	0.14 / 0.14			0.21 / 0.21			0.28 / 0.28			0.36 / 0.36		
Dimensions	Height		mm	270	270	270	270	270	270	270	270	270	270	270	270
	Width		mm	1,000	1,000	1,048	1,500	1,500	1,548	2,000	2,000	2,048	2,500	2,500	2,548
	Depth		mm	590	821	561	590	821	561	590	821	561	590	821	561
Weight			kg	56	59	61	66	83	88	83	102	108	107	129	137
Casing	Colour			white RAL9016			white RAL9016			white RAL9016			white RAL9016		
Minimum required ceiling void			mm	420			420			420			420		
Fan - Air flow rate	Heating	speed 3	m^3/sec	0.323			0.485			0.647			0.808		
Sound pressure	Heating	speed 3	dBA	47			49			50			51		
Refrigerant	Type			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A		
Piping connections	Liquid [OD] / Gas		inch (mm)	1/4 (6.4) / 1/2 (12.7)			1/4 (6.4) / 1/2 (12.7)			3/8 (9.5) / 5/8 (15.9)			3/8 (9.5) / 5/8 (15.9)		
Power supply			Phase / Hz / V	1 / 50 / 230			1 / 50 / 230			1 / 50 / 230			1 / 50 / 230		
Required Accessory (sold separately)				Daikin wired remote controller - Madoka - BRC1H52W7/S7/K7											
Trade Unit Price				**£4,437.00**	**£4,385.00**	**£4,572.00**	**£5,651.00**	**£5,598.00**	**£5,910.00**	**£6,831.00**	**£6,779.00**	**£7,321.00**	**£7,618.00**	**£7,568.00**	**£8,164.00**

(1) Favourable conditions: covered shopping mall or revolving door entrance
(2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only
(3) Unfavourable conditions: location at a corner or square, multiple floors and/or open stairway

* F = Free Hanging / C = Cassette / R = Recessed

M MEDIUM

– Door Height 2.5m to 2.3m

Maximum Door Width			m	1.0			1.5			2.0			2.5		
Mounting Height			m	2.5 (1) / 2.4 (2) / 2.3 (3)											
Model name				CYAM100DK80*B			CYAM150DK80*B			CYAM200DK100*B			CYAM250DK140*B		
Type				*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R	*=F	*=C	*=R
Heating capacity		speed 3	kW	8.65			10.50			12.50			18.60		
Delta T	Inlet = room temperature	speed 3	°K	16.0			12.9			12.7			13.8		
Power input (50Hz)	Fan only / Heating		kW	0.27 / 0.27			0.40 / 0.40			0.53 / 0.53			0.67 / 0.67		
Dimensions	Height		mm	270	270	270	270	270	270	270	270	270	270	270	270
	Width		mm	1,000	1,000	1,048	1,500	1,500	1,548	2,000	2,000	2,048	2,500	2,500	2,548
	Depth		mm	590	821	561	590	821	561	590	821	561	590	821	561
Weight			kg	57	68	66	73	88	93	94	111	117	108	136	144
Casing	Colour			white RAL9016			white RAL9016			white RAL9016			white RAL9016		
Minimum required ceiling void			mm	420			420			420			420		
Fan - Air flow rate	Heating	speed 3	m^3/sec	0.446			0.669			0.892			1.115		
Sound pressure	Heating	speed 3	dBA	50			51			53			54		
Refrigerant	Type			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A		
Piping connections	Liquid [OD] / Gas		inch (mm)	1/4 (6.4) / 1/2 (12.7)			1/4 (6.4) / 1/2 (12.7)			3/8 (9.5) / 5/8 (15.9)			3/8 (9.5) / 5/8 (15.9)		
Power supply			Phase / Hz / V	1 / 50 / 230			1 / 50 / 230			1 / 50 / 230			1 / 50 / 230		
Required Accessory (sold separately)				Daikin wired remote controller - Madoka - BRC1H52W7/S7/K7											
Trade Unit Price				**£5,077.00**	**£5,022.00**	**£5,208.00**	**£6,505.00**	**£6,450.00**	**£6,734.00**	**£8,056.00**	**£8,002.00**	**£8,544.00**	**£9,166.00**	**£9,116.00**	**£9,701.00**

(1) Favourable conditions: covered shopping mall or revolving door entrance
(2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only
(3) Unfavourable conditions: location at a corner or square, multiple floors and/or open stairway

* F = Free Hanging / C = Cassette / R = Recessed

Notes:

i) If RTD-20 Connected in Air Curtain mode the Biddle Remote Controller is NOT connected as Fan speed is managed by RTD-20

ii) Code "BC" is for white finish. Aluminium finish "SC"available on request

CYAS/M/L - DK - F/C/R

Biddle Standard Air Curtains

– continued

L LARGE

– Door Height 3m to 2.5m



Free hanging



Cassette



Recessed model

Maximum Door Width			**m**	**1.0**			**1.5**			**2.0**			**2.5**		
Mounting Height			**m**	**3.00** (1) **/ 2.75** (2) **/ 2.50** (3)											
Model name				**CYAL100DK125*BC**			**CYAL150DK200*BC**			**CYAL200DK250*BC**			**CYAL250DK250*BC**		
Type				*** = F**	*** = C**	*** = R**	*** = F**	*** = C**	*** = R**	*** = F**	*** = C**	*** = R**	*** = F**	*** = C**	*** = R**
Heating Capacity		speed 3	kW	14.4			21.5			27.6			29.7		
Delta T	Inlet = room temperature	speed 3	°K	13.8			13.8			13.2			11.4		
Power Input (50Hz)	Fan only / Heating		kW	0.48 / 0.48			0.72 / 0.72			0.96 / 0.96			1.20 / 1.20		
Dimensions	Height		mm	370	370	370	370	370	370	370	370	370	370	370	370
	Width		mm	1,000	1,000	1,048	1,500	1,500	1,548	2,000	2,000	2,048	2,500	2,500	2,548
	Depth		mm	774	1105	745	774	1105	745	774	1105	745	774	1105	745
Weight			kg	76	81	83	100	118	141	126	151	155	157	190	196
Casing	Colour			white RAL9016			white RAL9016			white RAL9016			white RAL9016		
Minimum required ceiling void			mm	520			520			520			520		
Fan - Air Flow Rate	Heating	speed 3	m^3/sec	0.861			1.292			1.722			2.153		
Sound Pressure	Heating	speed 3	dBA	53			54			56			57		
Refrigerant	Type			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A			R-32 & R-410A		
Piping Connections	Liquid [OD] / Gas		inch (mm)	3/8 (9.5) / 5/8 (15.9)			3/8 (9.5) / 3/4 (19)			3/8 (9.5) / 3/4 (19)			3/8 (9.5) / 3/4 (19)		
Power Supply			Phase / Hz / V	1 / 50 / 230			1 / 50 / 230			1 / 50 / 230			1 / 50 / 230		
Required Accessory (sold separately)				Daikin wired remote controller - Madoka - BRC1H52W7/S7/K7											
Trade Unit Price				**£6,465.00**	**£6,398.00**	**£6,594.00**	**£8,600.00**	**£8,536.00**	**£8,804.00**	**£10,589.00**	**£10,521.00**	**£11,050.00**	**£12,296.00**	**£12,230.00**	**£12,879.00**

(1) Favourable conditions: covered shopping mall or revolving door entrance
(2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only
(3) Unfavourable conditions: location at a corner or square, multiple floors and/or open stairway

* F = Free Hanging / C = Cassette / R = Recessed

Notes:

i) If RTD-20 Connected in Air Curtain mode the Biddle Remote Controller is NOT connected as Fan speed is managed by RTD-20

ii) Code "BC" is for white finish. Aluminium finish "SC" available on request

Accessories:

Accessory Ref	Description	Trade Price
BRC1H52W7	Wired touch screen remote controller - White	**£133.00**
KRCS01-1	Remote room mounted temperature sensor	**£74.00**
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	**£411.00**

R-32 BLUEVOLUTION

REYA-A

Heat Recovery VRV 5

Leader in sustainability

VRV 5: Completely new and dedicated R-32 VRV design

- Less refrigerant charge
- Higher efficiency
- Free combinations up to 28hp

Lower CO_2 equivalent

Maximum flexibility out of the box:

- Flexible design as any other VRV system
- WebXpress selection software ensures a quick and compliant selection to the latest product standards



You can use Environmental Product Declarations (EPDs) to evaluate the carbon footprint of products and compile a total carbon impact report for your building.



EPD now available. Please scan or click on the QR code for more information.

D-carbonise with Daikin

R-32 BLUEVOLUTION

REYA-A (8 to 20hp)

VRV 5 Condensing Units Heat Recovery Single Modules



Outdoor Units			5hp (Multi Only) REMA5A9	8 hp Single REYA8A9	10 hp Single REYA10A9	12 hp Single REYA12A9	14 hp Single REYA14A9	16 hp Single REYA16A9	18 hp Single REYA18A9	20 hp Single REYA20A9
Capacity	Nominal Cooling	kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	55.9
	Nominal Heating	kW	16.0	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	-	290.8	282.6	285.3	306.1	281.0	280.6	262.2
	Heating	$\eta_{s,h}$ %	-	161.5	170.2	176.4	168.3	167.5	172.5	162.7
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	213	213	213	213	296	296	319	319
Electrical Details	Power Supply	Phase / Hz / V	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415
	Max Fuse Amp (MFA)	amps	20	20	25	32	32	40	40	50
	Nominal Running Current - Cooling	amps	5.6	10.5	13.0	15.6	18.5	21.0	27.8	32.8
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
	Refrigerant Charge	kg	9.0	9.0	9.0	9.0	10.6	10.6	10.6	10.6
Sound Pressure	Cooling	dBA	56.3	56.3	58.0	60.8	58.1	61.4	63.0	67.0
	Heating	dBA	58.1	58.1	58.8	61.9	61.3	64.5	64.0	68.0
Sound Power	Cooling	dBA	78.3	78.3	78.8	82.5	78.7	83.7	83.4	87.9
	Heating	dBA	79.4	79.4	80.7	83.3	82.9	86.3	85.1	89.6
Piping Limits	Maximum Total Length	m	1000	1000	1000	1000	1000	1000	1000	1000
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Discharge	inch (mm)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)
	Gas	inch (mm)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	1 1/8 (28.6)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46
Operation Range (Heating)	Min / Max	°CWB	-20 / 15.5	-20 / 15.5	-20 / 15.5	-20 / 15.5	-20 / 15.5	-20 / 15.5	-20 / 15.5	-20 / 15.5
Trade Condensing Unit Price			**£8,132.00**	**£8,277.00**	**£9,092.00**	**£11,026.00**	**£12,998.00**	**£15,314.00**	**£17,026.00**	**£18,921.00**

R-32 BLUEVOLUTION

REYA-A (10 to 20hp)

VRV 5 Heat Recovery with Continuous Heating



Outdoor Units			10 hp Multi		13 hp Multi		16 hp Multi		18 hp Multi		20 hp Multi	
			REMA5A9	REMA5A9	REMA5A9	REYA8A9	REYA8A9	REYA8A9	REYA8A9	REYA10A9	REYA8A9	REYA12A9
Capacity	Nominal Cooling	kW	28.0		36.4		44.8		50.4		55.9	
	Nominal Heating	kW	31.5		41.0		50.0		56.5		62.5	
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	301.9		296.5		293.0		287.5		287.6	
	Heating	$\eta_{s,h}$ %	160.6		161.5		170.9		170.5		172.2	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Max Fuse Amp (MFA)	amps	20	20	20	20	20	20	20	25	20	32
	Nominal Running Current - Cooling	amps	5.6	5.6	5.6	10.5	10.5	10.5	10.5	13	10.5	15.6
Refrigerant Circuit	Refrigerant Type		R-32		R-32		R-32		R-32		R-32	
	Refrigerant Charge	kg	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Sound Pressure	Cooling	dBA	59.3		59.3		59.3		60.2		62.1	
	Heating	dBA	61.1		61.1		61.1		61.5		63.4	
Sound Power	Cooling	dBA	81.3		81.3		81.3		81.6		83.9	
	Heating	dBA	82.4		82.4		82.4		83.1		84.8	
Piping Limits	Maximum Length	m	1000		1000		1000		1000		1000	
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)
	Discharge	inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 46		-5 / 46		-5 / 46		-5 / 46		-5 / 46	
Operation Range (Heating)	Min / Max	°CWB	-20 / 15.5		-20 / 15.5		-20 / 15.5		-20 / 15.5		-20 / 15.5	
Trade Condensing Unit Price			**£16,264.00**		**£16,409.00**		**£16,554.00**		**£17,369.00**		**£19,303.00**	

R-32 BLUEVOLUTION

REYA-A (22 to 28hp)

VRV 5 Heat Recovery with Continuous Heating



Outdoor Units			22 hp Multi		24 hp Multi		26 hp Multi		28 hp Multi	
			REYA10A9	REYA12A9	REYA8A9	REYA16A9	REYA12A9	REYA14A9	REYA12A9	REYA16A9
Capacity	Nominal Cooling	kW	61.5		67.4		73.5		78.5	
	Nominal Heating	kW	69.0		75.0		82.5		87.5	
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	283.6		283.4		296.2		282.8	
	Heating	$\eta_{s,h}$ %	272.1		277.3		286.4		275.6	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 1240 x 765
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Max Fuse Amp (MFA)	amps	25	32	20	40	32	32	32	40
	Nominal Running Current - Cooling	amps	13	15.6	10.5	21	15.6	18.5	15.6	21
Refrigerant Circuit	Refrigerant Type		R-32		R-32		R-32		R-32	
	Refrigerant Charge	kg	9.0	9.0	9.0	10.6	9.0	10.6	9.0	10.6
Sound Pressure	Cooling	dBA	62.6		62.6		62.7		64.1	
	Heating	dBA	63.6		65.4		64.6		66.4	
Sound Power	Cooling	dBA	84.0		84.8		84.0		86.2	
	Heating	dBA	85.2		87.1		86.1		88.1	
Piping Limits	Maximum Length	m	1000		1000		1000		1000	
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)	1/2 (12.7)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Discharge	inch (mm)	5/8 (15.9)	3/4 (19.1)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)
	Gas	inch (mm)	3/4 (19.1)	7/8 (22.2)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 46		-5 / 46		-5 / 46		-5 / 46	
Operation Range (Heating)	Min / Max	°CWB	-20 / 15.5		-20 / 15.5		-20 / 15.5		-20 / 15.5	
Trade Condensing Unit Price			**£20,118.00**		**£23,591.00**		**£24,024.00**		**£26,340.00**	

R-32 BLUEVOLUTION

BSSV

VRV 5 Branch Selector Boxes – Heat Recovery

A completely redesigned BS box for R-32 with Shîrudo Technology built in. The new design is more compact and requires less ceiling height, giving you even more flexibility.

- Optional drain pump available if drainage by gravity is not possible
- Flow-through principle: BSSV boxes can be connected, up to 16 ports in series (e.g. 4 x 4 port BS box)
  - Less brazing points
  - Less installation space required
  - Lower install costs
- No access required from the top means BSSV boxes can be installed right against the ceiling
- Slide-down switchboxes for easy service and maintenance



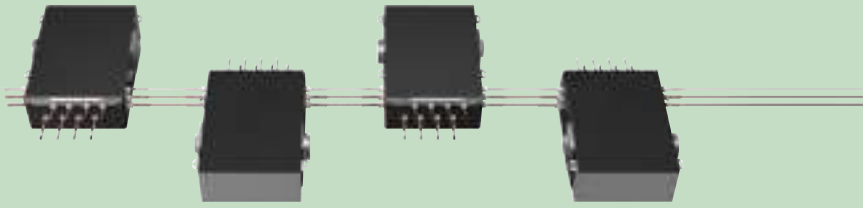
Enhanced installation flexibility with new single port BS Box





			BS1A25AV1B9	BS4A14AV1B9	BS6A14AV1B9	BS8A14AV1B9	BS10A14AV1B9	BS12A14AV1B9
Connectivity	Maximum number of connectable indoor units (per BS box)		5	20	30	40	50	60
	Maximum number of connectable indoor units per branch		5	5	5	5	5	5
	Number of branches		1	4	6	8	10	12
	Maximum capacity index of connectable indoor units (per BS box)		250	400	600	750		
	Maximum capacity index of connectable indoor units per branch		250	140 per port				
			N/A	250 if 2 ports are combined				
Piping restrictions	Maximum piping length between BSSV box and indoor unit	m	40	40	40	40	40	40
Flowthrough of header pipes	Total amount of ports allowed in flowthrough		16	16	16	16	16	16
	Maximum allowed amount of BSSV box in flowthrough		4 (4 * 4 port BSSV box = 16 ports)					
	Maximum capacity index of indoor units connected to all BSSV box in flowthrough combined		750	750	750	750	750	750
General	Refrigerant type		R-32	R-32	R-32	R-32	R-32	R-32
	Unit weight	kg	23	40	56	65	83	89
	Power supply	Phase / Hz / V	1 /50 / 220-240 V	1 / 50 / 220-240 V	1 / 50 / 220-240 V	1 / 50 / 220-240 V	1 / 50 / 220-240 V	1 / 50 / 220-240 V
	Installation direction		Horizontal (0° - max 1° toward drain opening) VP20 (ID, 20mm/OD, 26mm) Galvanized steel plate					
	Drain piping							
	Unit casing							
	Max Fuse Amps (MFA)	amps	6	6	6	6	6	6
	Height	mm	291	291	291	291	291	291
	Width (casing only)	mm	600	600	1000	1000	1400	1400
	Width (casing + header piping)	mm	890	870	1270	1270	1670	1670
	Depth (casing only)	mm	487	845	845	845	845	845
	Depth (casing + branch piping)	mm	N/A	1039	1039	1039	1039	1039
	Piping connection type		Braze					
	Main pipe size - Suction gas	inches (mm)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)
	Main pipe size - HP/LP gas	inches (mm)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)
	Main pipe size - liquid	inches (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
	Branch pipe size - gas	inches (mm)	3/8 (9.5) / 1/2 (12.7) / 5/8 (15.9) 1/4 (6.4) / 3/8 (9.5)					
	Branch pipe size - liquid	inches (mm)						
Trade Accessory Price			**£1,380.00**	**£3,093.00**	**£4,233.00**	**£5,567.00**	**£6,691.00**	**£8,200.00**
BSSV boxes with Prefitted External Valves*				**UK.BS4A14AV/FSV**	**UK.BS6A14AV/FSV**	**UK.BS8A14AV/FSV**	**UK.BS10A14AV/FSV**	**UK.BS12A14AV/FSV**
Valve Modification Trade Unit Price				**£449.00**	**£626.00**	**£806.00**	**£989.00**	**£1,155.00**

* Not subject to standard trade discount



BSSV box flow-through installation

Accessories:

Accessory Ref	Description	Trade Price
EKBSDCK	Optional duct adapter for series connection	**£34.00**

R-32 BLUEVOLUTION

RXYA-B (8 to 20hp)

VRV 5 Condensing Units – Heat Pump Single Modules (Non-Continuous Heating)



Outdoor Units			5hp (Multi Only)	8 hp Single	10 hp Single	12 hp Single	14 hp Single	16 hp Single	18 hp Single	20 hp Single
			RYMA5B	RXYA8B	RXYA10B	RXYA12B	RXYA14B	RXYA16B	RXYA18B	RXYA20B
Capacity	Nominal Cooling	kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Nominal Heating	kW	16.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	-	287.3	279.3	278.7	302.2	276.6	271.6	257.6
	Heating	$\eta_{s,c}$ %	-	161.5	170.2	176.4	168.3	167.5	172.5	162.7
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	195	195	195	195	258	258	278	278
Electrical Details	Power Supply	Phase / Hz / V	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415	3/50/380~415
	Max Fuse Amp (MFA)	amps	20	20	25	32	32	40	40	50
	Nominal Running Current - Cooling	amps	5.6	10.5	13.4	15.7	18.8	21.4	27.8	32.8
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-32
	Refrigerant Charge	kg	5.6	5.6	5.7	5.8	9.9	9.9	10.4	10.4
Sound Pressure	Cooling	dBA	56.3	56.3	58.0	60.8	59.0	61.6	63.0	67.0
	Heating	dBA	58.1	58.1	58.8	61.9	61.3	64.5	64.0	68.0
Sound Power	Cooling	dBA	78.0	78.0	79.4	82.0	79.5	83.7	83.4	87.9
	Heating	dBA	79.4	79.4	80.7	83.3	82.9	86.3	85.1	89.6
Piping Limits	Maximum Total Length	m	1000	1000	1000	1000	1000	1000	1000	1000
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Gas	inch (mm)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46	-5 / 46
Operation Range (Heating)	Min / Max	°CWB	-10/16	-10/16	-10/16	-10/16	-10/16	-10/16	-10/16	-10/16
Trade Condensing Unit Price			**£6,871.00**	**£7,183.00**	**£7,851.00**	**£9,612.00**	**£11,213.00**	**£12,941.00**	**£14,419.00**	**£15,859.00**

R-32 BLUEVOLUTION

RXYA-B (10 to 20hp)

VRV 5 Condensing Units – Heat Pump Multi Modules with Continuous Heating



Outdoor Units			10 hp Multi		13 hp Multi		16 hp Multi		18 hp Multi		20 hp Multi	
			RYMA5B	RYMA5B	RYMA5B	RXYA8B	RXYA8B	RXYA8B	RXYA8B	RXYA10B	RXYA8B	RXYA12B
Capacity	Nominal Cooling	kW	28.0		36.4		44.8		50.4		55.9	
	Nominal Heating	kW	28.0		36.4		44.8		50.4		55.9	
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	299.1		293.8		281.9		284.1		283.2	
	Heating	$\eta_{s,c}$ %	160.6		161.5		170.9		170.5		172.2	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Max Fuse Amp (MFA)	amps	20	20	20	20	20	20	20	25	20	32
	Nominal Running Current - Cooling	amps	11.2		16.1		21.0		23.9		26.2	
Refrigerant Circuit	Refrigerant Type		R-32		R-32		R-32		R-32		R-32	
	Refrigerant Charge		5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.8
Sound Pressure	Cooling	dBA	59.3		59.3		59.3		60.2		62.1	
	Heating	dBA	61.1		61.1		61.1		61.5		63.4	
Sound Power	Cooling	dBA	81.3		81.3		81.3		81.6		83.9	
	Heating	dBA	82.4		82.4		82.4		83.1		84.8	
Piping Limits	Maximum Total Length	m	1000		1000		1000		1000		1000	
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 46		-5 / 46		-5 / 46		-5 / 46		-5 / 46	
Operation Range (Heating)		°CWB	-10/16		-10/16		-10/16		-10/16		-10/16	
Trade Condensing Unit Price			**£13,742.00**		**£14,054.00**		**£14,366.00**		**£15,034.00**		**£16,795.00**	

R-32 BLUEVOLUTION

SV Boxes

VRV 5 Optional Shut-Off Valves Box - Heat Pump

- To have no limitations regarding room size requirements in compliance with IEC 60335-2-40 (Ed.7) some applications of Heat Pump systems might require the usage of Shut-off valves. With this in mind, we've developed a range of Shutoff valve boxes with different port configuration that can easily match the specific requirements of each building, and which will allow you to tackle all possible applications

- The Shut-off valves in the multi-ports will be fully independent of each other and will allow multiple indoor units to be connected to a single port, meaning that in the remote case of a leak in one of the indoor units, only that specific unit or group of units connected to the same port would have to stop operation, all the other units will continue normal operation

- The SV boxes are also factory-equipped with leak detection sensors, which allow the installation of the SV boxes in any room size, via integration with either:
  - 3rd party alarm, or
  - Ventilated enclosure

- SV boxes are compatible with RXYA-A & RXYSA (8-10-12)

			SV1A25A9	SV4A14A	SV6A14A	SV8A14A
Connectivity	Maximum number of connectable indoor units (per SV box)		5	20	30	40
	Maximum number of connectable indoor units per branch		5	5	5	5
	Number of branches		1	4	6	8
	Maximum capacity index of connectable indoor units (per SV box)		250	400	600	650
	Maximum capacity index of connectable indoor units per branch		250	140 per port		
			N/A	250 if 2 ports are combined		
General	Refrigerant type		R-32	R-32	R-32	R-32
	Unit weight	kg	23	31	46	48
	Power supply	Phase / Hz / V	1 / 50 /220-240 V	1 / 50 /220-240 V	1 / 50 /220-240 V	1 / 50 /220-240 V
	Height	mm	291	291	291	291
	Width (casing only)	mm	600	600	1000	1000
	Depth (casing only)	mm	484	845	845	845
	Piping connection type		Braze			
Trade Unit Price			**£1,623.00**	**£2,165.00**	**£2,963.00**	**£3,897.00**









R-32 BLUEVOLUTION

VRV 5 S-series – RXYSA-B

Mini VRV



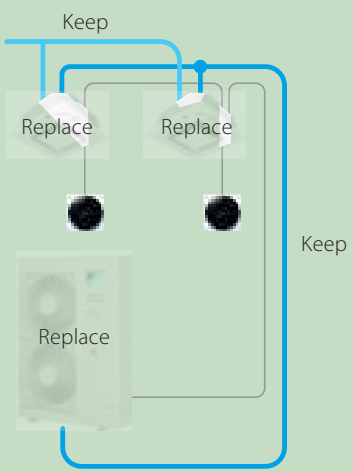
Now comes with replacement technology

Outdoor Units			RXYSA4B7V1	RXYSA5B7V1	RXYSA6B7V1	RXYSA4B7Y1	RXYSA5B7Y1	RXYSA6B7Y1
Capacity	Nominal Cooling	kW	12.1	14.0	15.5	12.1	14.0	15.5
	Max Heating (6°CWB)	kW	14.2	16.0	18	14.2	16.0	18
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	324.50	306.10	301.00	312.50	294.80	289.90
	Heating	$\eta_{s,c}$ %	200.50	185.70	183.60	193.10	178.80	176.80
Dimensions	Height x Width x Depth	mm	869 x 1100 x 460	869 x 1100 x 460	869 x 1100 x 460	869 x 1100 x 460	869 x 1100 x 460	869 x 1100 x 460
Weight		kg	102	102	102	102	102	102
Air Flow Rate		m^3/sec	1.72	1.72	1.72	1.72	1.72	1.72
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 220~240	1 / 50 / 220~240	1 / 50 / 220~240	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	16.2	20.3	22.8	5.4	6.8	7.6
	Starting Current	amps	4	4	4	4	4	4
	Fuse Rating	amps	32	32	32	16	16	16
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32	R-32	R-32	R-32
Sound Pressure	Cooling (nominal)	dBA	49.0	51.0	51.0	49.0	51.0	51.0
	Heating (nominal)	dBA	50.0	52.0	52.0	50.0	52.0	52.0
Sound Power	Cooling (nominal)	dBA	67.0	68.1	69.0	67.0	68.1	69.0
	Heating (nominal)	dBA	57.0	59.0	60.0	57.0	59.0	60.0
Piping Limits	Maximum Total Length	m	300	300	300	300	300	300
Piping Connections	Liquid	inch (mm)	3/8" (9.5)	3/8" (9.5)	3/8" (9.5)	3/8" (9.5)	3/8" (9.5)	3/8" (9.5)
	Gas	inch (mm)	5/8" (15.9)	5/8" (15.9)	5/8" (15.9)	5/8" (15.9)	5/8" (15.9)	5/8" (15.9)
Capacity Index Limit			130	162.5	182	130	162.5	182
Maximum Number of Connected Indoor Units			13	16	18	13	16	18
Trade Condensing Unit Price			**£4,501.00**	**£5,008.00**	**£5,563.00**	**£4,529.00**	**£5,147.00**	**£5,736.00**



How does replacement technology work?

- Existing piping, wiring, and drain pipes are reused
- Only the indoor and outdoor units are replaced
- Minimal disruption to the building and its occupants



51%
lower installation time

55%
reduction in investment cost

R-32 BLUEVOLUTION

VRV 5 S-series – RXYSA-A

High Capacity Mini VRV



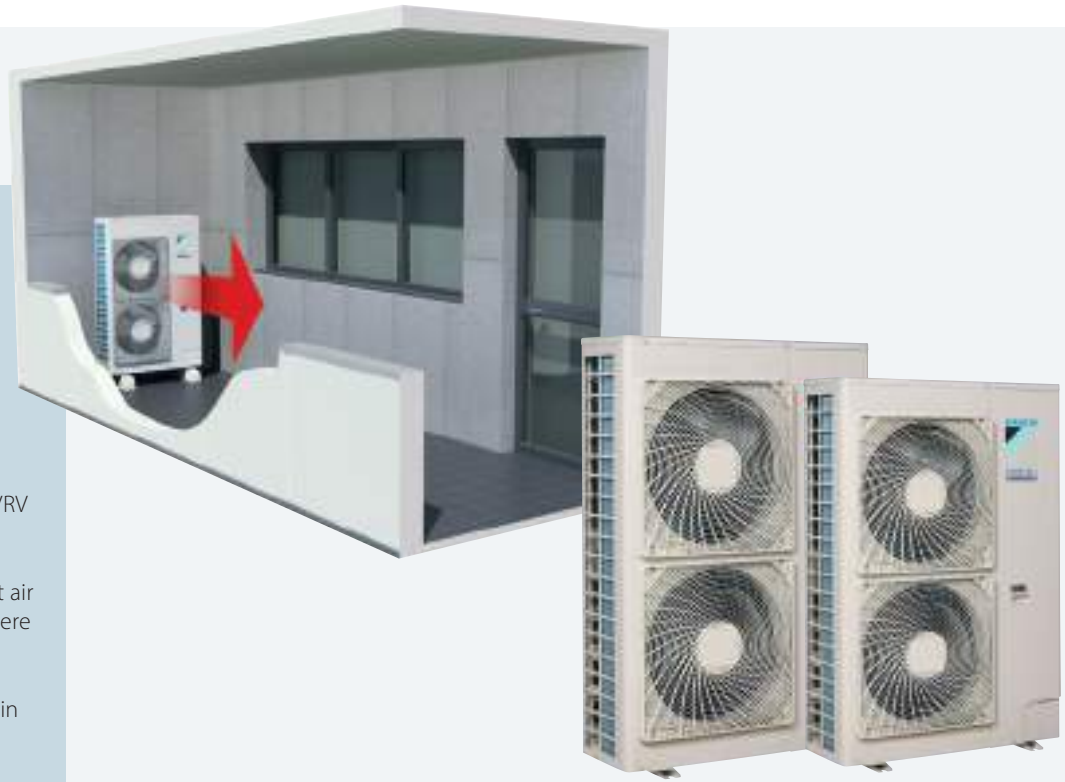
Outdoor Units			RXYSA8A	RXYSA10A	RXYSA12A
Capacity	Nominal Cooling	kW	22.4	28.0	33.5
	Nominal Heating	kW	22.4	28.0	33.5
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	253.00	273.00	257.00
	Heating	$\eta_{s,c}$ %	173.00	173.00	181.00
Dimensions	Height x Width x Depth	mm	1430 x 940 x 320	1615 x 940 x 460	1615 x 940 x 460
Weight		kg	134	163	163
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
Refrigerant Circuit	Refrigerant Type		R-32	R-32	R-32
	Refrigerant Charge	kg	5.2	7.0	7.1
Sound Pressure	Cooling	dBA	58.1	57.0	60.0
Sound Power	Cooling	dBA	73.2	74.0	76.1
	Heating	dBA	73.5	74.0	76.0
Piping Limits	Maximum Total Length	m	300	300	300
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)
	Gas	inch (mm)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)
Capacity Index Limit			260	325	390
Maximum Number of Connected Indoor Units			26	32	39
Operation Range (Cooling)	Min / Max	°CDB	-5/52	-5/52	-5/52
Trade Condensing Unit Price			**£6,907.00**	**£7,547.00**	**£9,242.00**

Planning requirements in built-up areas require increasingly more innovative products to overcome restrictions, especially on plant visibility

By having a smaller footprint and weight than its big brother, the extended high capacity Mini VRV range is easier to hide and can help maximise the lettable floor area on a design.

Mini VRV systems deliver VRV performance in a small, convenient package. They offer a compact air conditioning solution with horizontal blow for projects with lower capacity requirements or where discretion is required due to the planning or aesthetic requirements of the application.

Including new features to increase performance, convenience and flexibility, Mini VRV from Daikin will become an even more popular choice for residential and smaller capacity air conditioning applications.



10/12 hp 8 hp

VRV Services

Strip and Rebuild



Our Strip and Rebuild Service offers you the benefit of time and cost savings. This means that you can have VRV outdoor units delivered to site in portable components, so that they can be transported to the roof without the need for cranes or applying for road closure permissions.

How it works:

- Units are stripped down and packed securely in a purpose-built container
- Units are delivered on-site where the contractor can unload, lift and manoeuvre into place
- The units are then rebuilt, pressure tested, vacuumed and charged with refrigerant ready for connection to the rest of the system

Pricing

Range	Price for Service only (ex-VAT)
REYQ-U/REYA-A	**£2,288.00**
RYYQ-U/RYYA-A	**£2,288.00**
RXYSQ/RXYSA	**£1,716.00**
RXYQQ	**£2,288.00**
RQEQ	**£1,300.00**
RZA-D/RXYSA	**£2,288.00**
ERA	**£1,612.00**

Lead time: 3-4 weeks
Applicable condensers: All VRV units

Wrapping



Daikin UK's condenser wrapping service is a unique offering in which bespoke patterned vinyl wraps are applied to outdoor condenser units. Vinyl wraps are a popular choice for disguising the look of an outdoor unit or making it into a feature.

How it works:

- Order wrap based on unit size – see price table
- Select unit location
- Photograph backdrop against which the unit is to be placed
- Send image based on high resolution photo
- Daikin will create vinyl to match and send back for confirmation
- Following confirmation the wrapping process will commence
- Delivery 2-3 weeks following approval of the wrap sample

Pricing

Type of condenser	Code	Price (Ex-VAT)
Single fan	UK.SF/VR	**£600**
Double fan	UK.DF/VR	**£780**
VRV type	UK.VRV/VR	**£1,410**

Prices are not subject to discount and do not include the cost of the unit. For other units such as indoor type price on application.

Lead time: 2-3 weeks from receipt of photo
Applicable units: All outdoor condensers

Painted Units



Customers sometimes require visible units to be less obtrusive, whether for aesthetic or planning reasons. Daikin UK offers a customised service, during which we can repaint our units to any specified RAL or BS finish.

How it works:

- Select unit that requires painting
- Select suitable colour match – sample or RAL colour
- Final agreement on actual colour
- Preparation and delivery 2-3 weeks after colour match agreed

Pricing

Price is dependent on a number of factors such as the colour, finish and type of unit requiring painting.

Prices exclude VAT, for other units not mentioned please contact your local order office, price not including unit cost. If you have multiple units please contact Daikin for additional discount.

Lead time: 2-3 weeks
Applicable units: All

Price guide for standard units

Guide based on single units

Indoor units		Price (Ex-VAT)
Standard ducted	FXSQ/FXSA	**£374.00**
Cassette	FXZQ/FFQ/FXFQ/ FCAG/FXZA/FFA/FXFA	**£322.00**
Wall mount	FXAQ/FXAA	**£354.00**
Floor standard	F(V)LXS/FXNQ	**£374.00**
Floor chassis	FVA-A	**£458.00**
Under ceiling	FXUQ/FUA/FXUA	**£374.00**
Ceiling suspended	FXHQ/FHA/FXHA	**£354.00**

Decoration panels*		Price (Ex-VAT)
BYCQ140	BYCQ140E, BYCQ140EW, BYCQ140EGF & BYCQ140EP	**£250.00**
BYFQ60	BYFQ60B3, BYFQ60CW & BYFQ60C4W	**£230.00**

* In addition to painting of the indoor unit

Outdoor units		Price (Ex-VAT)
Splits	All capacities	**£478.00**
Sky	<71	**£478.00**
	>71	**£510.00**
VRV	VRV 5	**£510.00**
	8-12 HP	**£640.00**
	14-20 HP	**£686.00**

Wi-Fi adapter for use with Daikin ONECTA App

Simply connect your unit to your home network (cable or WLAN) and download the app to change the thermostat, set temperature schedules, and review your energy consumption. The Daikin ONECTA app is compatible with your air conditioning and heating systems.

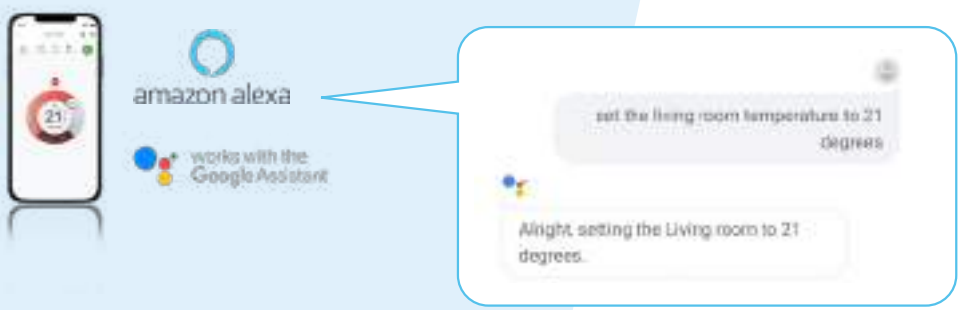
Control your climate

This screen provides you with an overview of your building and access to several features to control your indoor climate. You can also control up to 50 units at once for air conditioning systems.

Voice control

Control your system and enjoy maximum comfort, just by using your voice.

Via Amazon Alexa or Google Assistant you can control main functions such as temperature set point, operation mode, fan speed, and much more!



Download the App today

Download on the App Store

GET IT ON Google Play

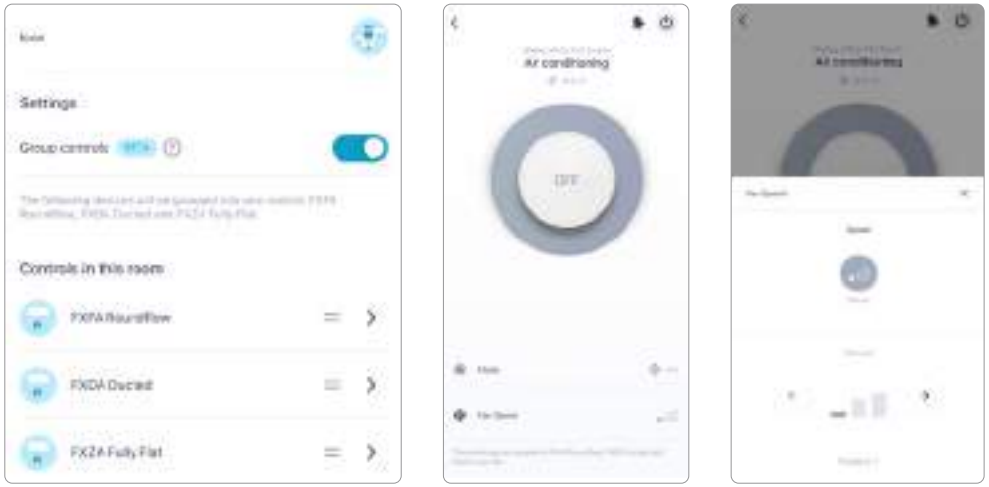
VRV 5 software group control

Using the app you can create different groups of indoor units, so that you can control them all at the same time. Once the groups are set on the app, the group control (On/Off, Fan Speed, Set Point, Schedules*) will work the app and any of the Madoka remote controllers connected to each fan coil in the system.

Contact your local Sales office for more details about how the group control works.

* available features and control options will depend on latest software version and types of fan coils

Material	Description	Related unit	Trade Price
BRP069C51	WiFi adapter for VRV 5 Indoor units	FXAA-A, FXDA-A, FXFA-A, FXHA-A, FXMA-A, FXNA-A, FXSA-A, FXUA-A, FXZA-A	£120.00





Reducing environmental impact with no compromise on quality

L∞P by Daikin

At Daikin, we're already achieving a circular economy of refrigerants. In fact, we first introduced the use of reclaimed refrigerant to VRV IV+ systems and VRV IV S-series units during production in 2019.

Now, we've taken the step of expanding our circular economy even further, so sustainability sits at the heart of your design projects, thanks to **L∞P by Daikin**.

Through the **L∞P by Daikin** programme, we recover refrigerants from existing systems via our installer network, before upcycling and reclaiming them to virgin quality. We then allocate these reclaimed refrigerants to new VRV systems which are manufactured and sold across Europe.

Each year, the quantity of reclaimed refrigerant we allocate to these units avoids more than 250,000 tons of CO_2eq being generated from virgin refrigerant production.

L∞P by Daikin leverages the entire Daikin infrastructure, and that of our business partners across Europe, in a perfect example of what we can achieve with a circular economy.

So you can design your system with confidence.

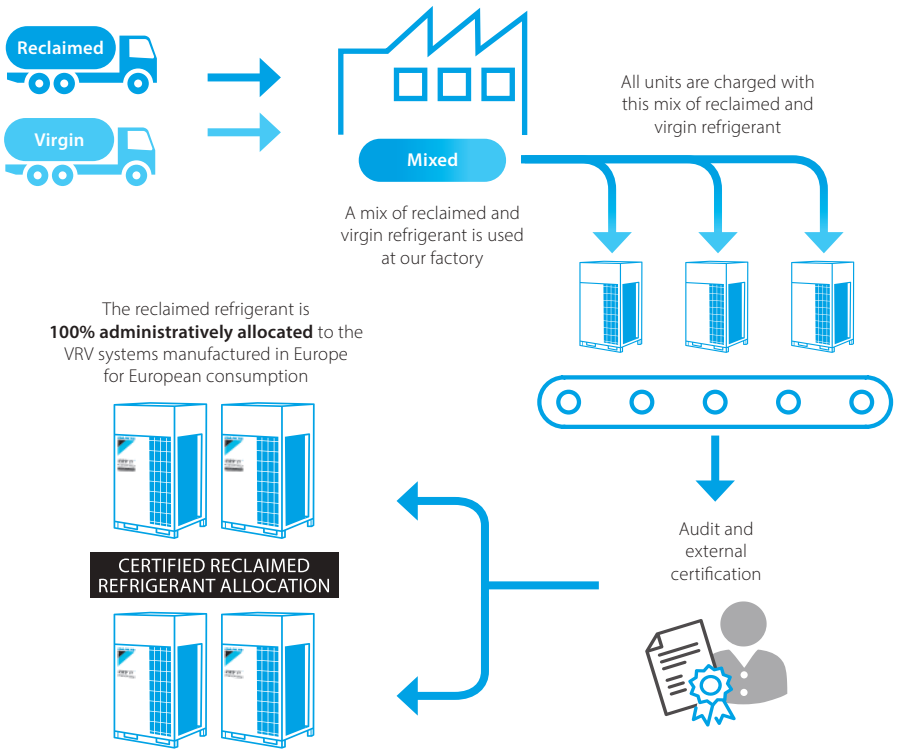
Why L∞P by Daikin?

- A more responsible, energy efficient and sustainable solution for your HVAC systems
- Eliminate waste from your supply chain and minimise resource depletion
- Guaranteed by an independent audit process, our reclaimed refrigerant meets the exact same quality standards as virgin refrigerant: AHRI700 certified to virgin R-410A quality, and has zero impact on F-gas quotas
- We offer some of the most accurate carbon data in the market and a handy scaling model, based on CIBSE's recommended TM65 methodology – with Environmental Product Declarations (EPDs) coming soon
- For every certified **L∞P by Daikin** unit on the market, 100% equivalent reclaimed refrigerant is used in our Daikin factories

Do all the VRV R-410A units manufactured have 100% reclaimed refrigerant?

It's not quite that simple. When refrigerant is supplied to the factory, the allocation of reclaimed refrigerant is mixed with virgin refrigerant on one production line, as they are both of identical quality.

However, an independent auditor ensures that 100% of the reclaimed gas is allocated administratively to all VRV units manufactured in Ostend and sold on the European market.



Like in the energy market, where customers can choose an electricity tariff using energy from renewable sources, the reality is that the electricity grid distributes electricity from all sources – renewable, fossil and nuclear energy. However, the energy provider buys enough energy from renewable energy sources to match the energy demands of its renewable energy tariff customers.

In the same way, Daikin has secured sufficient reclaimed R-410A to match the factory charge required for all our R-410A VRV units manufactured in Ostend for the European market. We can provide certificates of proof for your clients that the reclaimed refrigerant has been allocated to these ranges.

By choosing these products, you are making a clear choice to ease pressure on the F-Gas quota, avoid virgin gas being brought into the market and support the supply of refrigerant from a more sustainable source.

Together we can be part of the climate solution.

VRV IV+ is the most efficient R-410A system in the market today

The new VRV IV+ range has been designed with an entirely new compressor that delivers an average 15% increase in seasonal efficiency over the previous range of Daikin VRV systems. As a result, it exceeds the standards of the Lot 21 Ecodesign Directive, which increased the minimum efficiency requirements for air conditioners over 12kW once again on 1 January 2021.

At the heart of the latest system, existing VRV IV features such as variable refrigerant temperature and continuous heating during defrost are matched by a completely redesigned compressor. This is fully optimised to ensure high performance at part loads – the main operation mode throughout the year.

The new compressor addresses a key issue during low load operation: refrigerant leaks can occur from the high-pressure side to the low-pressure side in the compression chamber, resulting in loss of efficiency.

In the new compressor, a back-pressure control port sends a small amount of high-pressure refrigerant from the compression chamber to the back of the scroll. This optimal separation of lower- and higher-pressure sides within the compression chamber boosts seasonal efficiency delivering a 15% increase in efficiency.

The VRV IV+ also uses a four-side heat exchanger with a new capillary design for optimised refrigerant distribution, providing the smoothest performance in any system loading.

The VRV IV+ delivers 15% higher average SEER. On an 8HP system, the SEER is as much as 38% higher with indoor ducts and 41% higher with indoor cassettes. In heating mode, the VRV IV+ delivers 13% higher SCOP on average, or 16% higher SCOP for an 8HP unit with indoor ducts.

VRV IV+ offers:

- 15% increased cooling efficiency, and 13% increased heating efficiency compared with current models
- Compliance with the 2021 ENER Lot 21 EcoDesign Directive standards
- Completely redesigned compressor, fully optimised to ensure high performance at part loads
- Improved refrigerant distribution, delivering smoothest performance yet
- Fully compatibility with all Daikin controllers
- Heat recovery, heat pump, replacement and high ambient versions



Commission
with confidence

Fixed-cost installation and aftercare. For security that lasts.

At Daikin, we're the only air-conditioning manufacturer in the industry that also produces refrigerant gas, via Daikin Chemicals. So if you're looking for security of refrigerant supply, we're uniquely placed to help.

Our **Commission with Confidence** service includes initial refrigerant supply, system charging and commissioning assistance, all for a flat rate – giving you total transparency and helping with that all-important budget.

It also ensures the supply of both reclaimed R-410A (to AHR700 standards) and virgin R-32 refrigerant at a fixed rate, for hassle-free protection from fluctuating prices.

VRV system size	Reclaimed R-410A refrigerant		R-32	
	Daikin material code	Price*	Daikin material code	Price*
Size 4 to size 16 horsepower (inclusive)	UK.FS/VRV/CTS4-16	**£949.00**	UK.FS/VRV/R324-16	**£1021.00**
Size 18 to size 24 horsepower (inclusive)	UK.FS/VRV/CTS18-24	**£1399.00**	-	
Size 18 to size 28 horsepower	-		UK.FS/VRV/R3218-28	**£1661.00**
Size 26 horsepower and above	UK.FS/VRV/CTS26-54	**£1,799.00**	-	
Service includes				
Daikin service on site to assist with refrigerant system commissioning	**Yes**		**Yes**	
All refrigerant required to cover trim charge for installation	**Yes**		**Yes**	

* Ex-VAT price (non-discountable) per system

Why Commission with Confidence?

- We'll supply your R-410A (reclaimed) or R-32 refrigerant, charge your system, commission your control systems on site, and carry out operation testing and validation – all for one cost-saving flat fee
- Stable refrigerant prices mean you can plan your budgets more effectively, for a prosperous tomorrow
- The R-410A refrigerant we supply is reclaimed and certified to AHRI700 standard. So you can expect identical quality and performance as virgin refrigerant, but with a lower environmental impact – and zero impact on F-gas quota

Simply ask us to include this package in your VRV quote, then decide later if it's the best option for you.

Protect yourself.
Ask us for your personalised quote today.

Service
with confidence

By choosing Service with Confidence, you gain so much more value than even our high-quality technology alone can offer. You'll gain complete lifecycle management for your chosen system, a more environmentally responsible addition to your portfolio and guaranteed performance for years to come.

Whether you're a consultant looking to specify a reliable product for your client, or a corporate client who needs a transparent, all-inclusive service package – you're in safe hands with Daikin for the lifetime* of any system we install.

From a **guaranteed lifetime* supply of reclaimed refrigerant**, to remote monitoring and maintenance** that maximises performance, and minimises cost.



When you choose our **Enhanced Service package,** not only will you benefit from a boosted **10-year warranty** on every Daikin VRV unit, you'll benefit from long-term peace of mind, too.

We'll include annual energy reports as standard, so you can keep an eye on running costs and ensure your unit keeps running as expected. Plus, with our remote monitoring and commissioning service included too, it's the perfect boost for long-term reassurance.



In an uncertain and risky economy, the **Ultimate Service package** including lifetime* warranty protects businesses from the unexpected costs of unplanned repairs and breakdowns.

Instead, you'll have total confidence, backed by our remote monitoring service, annual energy reports and diagnosis and troubleshooting packages. Our refrigerant supply and Climate360 Reclaim packages are also included as standard, supported by quality service from Daikin.

Plus, we offer the **industry's longest warranty terms – up to 15 years,** for true end-to-end lifecycle management.

* Up to 15 years
** Available through our Ultimate Service package

What's included?

	Enhanced Service	Ultimate Service
Project Support***	£	✓
Commission*** *with confidence*	✓	✓
Remote monitoring	✓	✓
Diagnosis and troubleshooting	£	✓
Annual energy report	✓	✓
Service maintenance	✓	✓
Warranty	✓ 10 years	✓ 15 years
Spare parts	£ Wear and tear	✓
Reclaim *with confidence*	£	✓
Refrigerant gas supply****	£	✓
Equipment recovery	£	✓

£ Available from Daikin at an extra cost, please ask your Daikin Account Manager for more details.

✓ Included as part of your customer's Service with Confidence package.

✓ Customers choosing the Enhanced Service option with a 10-year warranty must have an annual service maintenance agreement included as part of this option. The service maintenance can be provided, either via a D1/D1+ installer or direct from Daikin.

*** Project Support and Commission with Confidence are prerequisites for the Enhanced and Ultimate Service packages and must be ordered at point of sale (before installation).

**** Refrigerant gas is provided by Daikin during standard service and maintenance activities. If refrigerant gas is required for other reasons (see detailed T&Cs) then refrigerant gas is provided at a fixed £/kg, published at the start of each year.

Our promise to you

- **Always transparent pricing** – no surprises or unexpected bills
- **Guaranteed supply of R-410A refrigerant** throughout the lifetime* of your Daikin VRV unit**
- **The environmentally responsible choice**

* Up to 15 years
** Available through our Ultimate Service package

Reclaim
with confidence

Throughout the lifetime of your installation, there may be times that repairs, maintenance or replacements are required on VRV systems – and ultimately equipment reaches the end of its lifespan. Now, you can minimise the time it takes to recover refrigerant responsibly when you use **Reclaim with Confidence**.

Reclaim with Confidence is a fixed-fee service that saves almost 70% of time and costs when it comes to on-site repair and equipment recovery. What's more, we ensure refrigerant is recovered for reclaiming – all completely hassle free.

To encourage the recovery of refrigerant within the Daikin D1 network of installers, a payment is made into the D1 installers' Business Development Fund based on the quantity of R-410A refrigerant reclaimed. For every kilo of refrigerant recovered, a credit is made into the D1 installer's Business Development Fund for the following year.

As a D1 installer, you can also claim the cost of the **Reclaim with Confidence** service from your Business Development Fund by completing a claim online at **partner.daikin.co.uk** in the usual way, increasing cost savings even further.

How D1 installers can reclaim refrigerant with Daikin and A-Gas Rapid Recovery

- Log onto the Partner portal and click on the 'Reclaim' section in the Resources & Tools tab
- Complete the online order form, giving details of the site and an estimate of the refrigerant type and quantity. The price for the rapid recovery service will depend on the plated volume of refrigerant indicated in the system
- The completed form is automatically sent electronically to A-Gas Rapid Recovery. They'll contact you directly to agree a time and date for the site check (if required) or to go ahead directly with the recovery
- On the day, A-Gas Rapid Recovery will meet your team for a site induction, bringing with them the cylinders needed for the quantity and type of gas on your site
- Set up includes wheeling the reclaim rig into position, rolling out the recovery hose up to 250 feet and connecting recovery lines, before the rapid recovery machine recovers refrigerant at around 34 kilos an hour
- Once all the refrigerant is recovered, the system is sealed and made safe before A-Gas Rapid Recovery pack up and leave
- On completion, a certificate will be emailed to you, recording how much refrigerant has been reclaimed, so you can present it to the site owner

Details of Service offer

Initial contact with customer (following email enquiry)	Within 4 working hours from enquiry being received (office hours 8 am to 5 pm)
Order confirmation of date and time	Following confirmation from A-Gas through phone or email contact
Provision of job site reports and certificate	After the recovery, the certificates will be emailed to you
Service support	Telephone and email support 8:00AM to 5:00PM from A-Gas, with a messaging service outside of these hours. Emails received outside of office hours will be actioned on the next working day
Weekend service	Available on request

Why Reclaim with Confidence?

- Practice more sustainable business, ensuring refrigerant is reclaimed to the highest quality standards for reuse, as well as saving time and money
- It's quick, easy and cost effective to recover refrigerant, as the equipment used by our partner, A-Gas Rapid Recovery, is able to reclaim 34kg of refrigerant per hour
- Compared with the cost of renting cylinders for recovering refrigerant, returning used refrigerant to the wholesaler and labour, it costs less than a third as much to Reclaim with Confidence instead
- The service can be arranged for all refrigerants – including R-32, R-410A, R-407C and many more – and the refrigerant is guaranteed to be recovered securely and reclaimed to AHRI700 standard for future use

Pricing schedule

The pricing is per visit based on the total F-Gas quantity that is recovered on site.

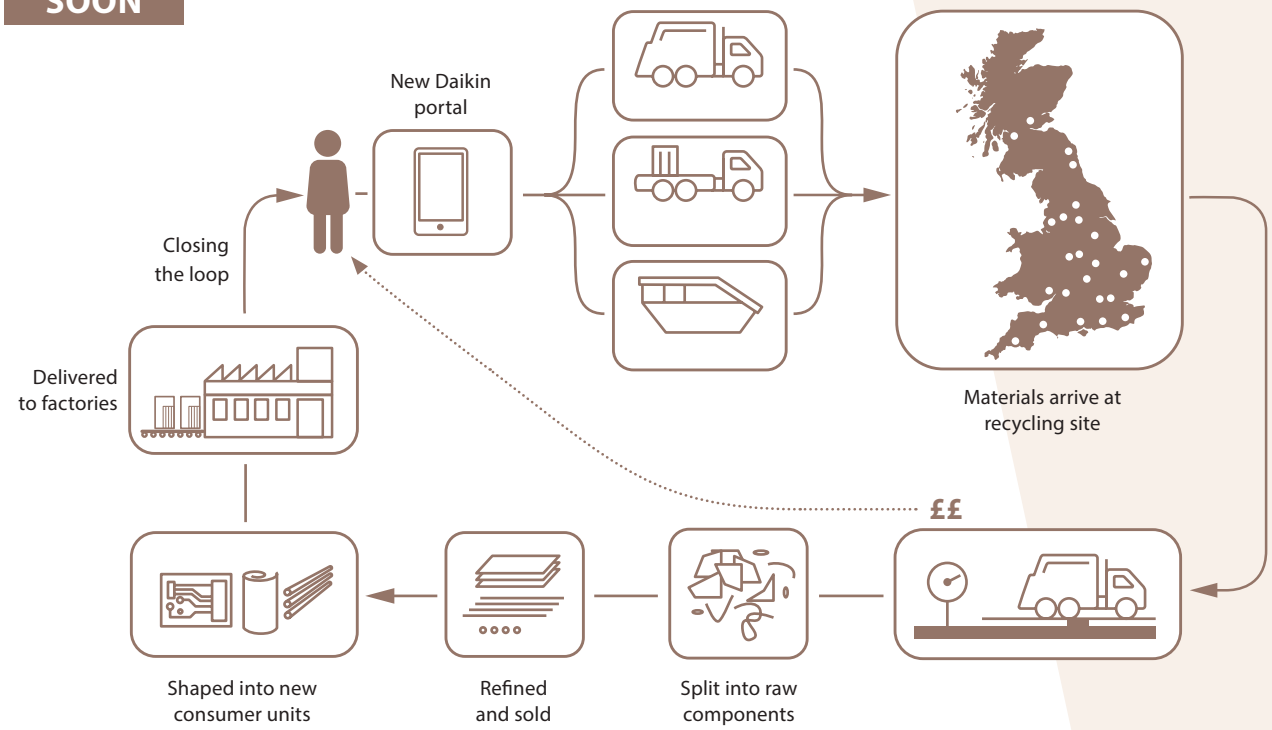
Material	KG gas collected	Trade Price
UK.RRSMALL	<20 Kg	£292.00
UK.RRMEDIUM	21-100 Kg	£325.00
UK.RRLARGE	101-200 Kg	£429.00
UK.RRWEEKEND	Weekend call out additional surcharge (per visit)	£165.00

For recovery projects of more than 201 Kg, the total price will be made as a combination of the above charges, e.g. 250 Kg would be £295+£390=£685 total, or please contact Daikin direct for a quote.

Recycle
with confidence

COMING SOON

How will it work in practice?



Fully close the loop and earn funds to develop your business

To truly close the loop on your installations, you need to consider the full lifetime of the HVAC equipment – from raw material to raw material. And now, thanks to **Recycle with Confidence,** you can take the most responsible, sustainable and rewarding approach to the recycling of those products.

Recycle with Confidence is an easy way for you to recycle your Daikin VRV equipment and earn Business Development Fund credits in the process. In conjunction with our partner, you can easily dispose of old equipment with the certainty that everything will be properly recycled and returned to the circular process as raw material.

To add to the benefits, whenever you register your equipment for recycling via a new Daikin portal, you'll become eligible for cashback in the form of Business Development Fund credits, to be used to help you grow your business further.

Why Recycle with Confidence?

- Fully close the loop on your installations, knowing that old HVAC equipment is being responsibly recycled and returned as usable raw materials
- You can recycle in the way that suits you best, choosing to return equipment for recycling yourself, using an on-site skip, or arranging for collection
- When you register HVAC equipment for recycling via the Daikin portal, you'll be eligible for business development funds, based on the quantity of material being recycled, to be reinvested into the growth of your business

R-410A

FXFQ-B

Roundflow Cassette



Notes:

i) Cassette prices include standard decoration panel - self cleaning panel available as an accessory item
ii) BYCQ140E = pure white panel with grey louvres , BYCQ140EW = pure white standard panel with white louvres, BYCQ140EGF = Pure white auto cleaning panel with fine filter. The BYCQ140EW has white insulations. Be informed that formations of dirt on white insulation is visibly stronger & that it is consequently not advised to install the decoration panel in environments exposed to concentrations of dirt
iii) For accessories please refer to pages 174 - 174

Indoor Units				FXFQ20B	FXFQ25B	FXFQ32B	FXFQ40B	FXFQ50B	FXFQ63B	FXFQ80B	FXFQ100B	FXFQ125B
Capacity	UK Total Cooling		kW	2.0	2.5	3.2	3.9	4.9	6.2	7.8	9.8	12.3
	UK Sensible Cooling		kW	1.6	1.9	2.6	3.0	3.7	4.7	5.9	7.1	8.8
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Air Flow Rate	High		m^3/sec	0.208	0.208	0.208	0.227	0.250	0.275	0.380	0.442	0.550
	Nom		m^3/sec	0.177	0.177	0.177	0.193	0.213	0.225	0.293	0.325	0.442
	Low		m^3/sec	0.147	0.147	0.147	0.158	0.175	0.175	0.207	0.207	0.332
Dimensions	Height x Width x Depth		mm	204x840x840	204x840x840	204x840x840	204x840x840	204x840x840	204x840x840	246x840x840	246x840x840	288x840x840
Weight			kg	19	19	19	20	21	21	24	24	26
Standard Decoration Panels	Model			Roundflow BYCQ140E white (standard panel) / Roundflow BYCQ140EB black								
	Colour			Pure White (RAL 9010) / Black (RAL9005)								
	Dimensions H x W x D		mm	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950
	Weight		kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Fully White Decoration Panel	Model			Roundflow with white louvres BYCQ140EW								
	Colour			Pure White (RAL 9010)								
	Dimensions H x W x D		mm	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950
	Weight		kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Self Cleaning Decoration Panels	Model			Roundflow self-cleaning BYCQ140EGF white / Roundflow self-cleaning BYCQ140EGFB black								
	Colour			Pure White (RAL 9010) / Black (RAL9005)								
	Dimensions H x W x D		mm	130x950x950	130x950x950	130x950x950	130x950x950	130x950x950	130x950x950	130x950x950	130x950x950	130x950x950
	Weight		kg	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Electrical Details	Running Current		amps	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.8	1.3
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	31.0	31.0	31.0	33.0	33.0	35.0	38.0	43.0	45.0
		Nom	dBA	29.0	29.0	29.0	31.0	31.0	33.0	34.0	37.0	41.0
		Low	dBA	28.0	28.0	28.0	29.0	29.0	30.0	30.0	30.0	36.0
	Sound Power		dBA	49	49	49	51	51	53	55	60	61
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£1,283.00**	**£1,308.00**	**£1,338.00**	**£1,444.00**	**£1,516.00**	**£1,599.00**	**£1,705.00**	**£1,851.00**	**£2,307.00**

R-410A

FXZQ-A

600x600 Fully Flat Cassette



Notes:

i) Cassette prices include Fully Flat decoration panel in fresh white. Other colour panels available on request.
ii) Dimensions include control box
iii) For accessories please refer to pages 174 - 194

Indoor Units				FXZQ15A	FXZQ20A	FXZQ25A	FXZQ32A	FXZQ40A	FXZQ50A
Capacity	UK Total Cooling		kW	1.4	1.8	2.3	2.9	3.6	4.5
	UK Sensible Cooling		kW	1.3	1.5	1.8	2.2	2.9	3.7
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3
Air Flow Rate	High		m^3/sec	0.142	0.145	0.150	0.167	0.192	0.242
	Nom		m^3/sec	0.117	0.125	0.133	0.142	0.158	0.208
	Low		m^3/sec	0.108	0.108	0.108	0.117	0.133	0.167
Dimensions (with Decoration Panel)		HxWxD	mm	260 (306) x 575 (620) x 575 (620)					
Weight (with Decoration Panel)			kg	15.5 (18.3)	15.5 (18.3)	15.5 (18.3)	16.5 (19.3)	16.5 (19.3)	18.5 (21.3)
Decoration Panel				Fully Flat in white (N9.5) BYFQ60CW (standard panel)					
Dimensions			mm	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620
Weight			kg	2.8	2.8	2.8	2.8	2.8	2.8
Decoration Panel				Fully Flat in white (N9.5) BYFQ60CS (silver panel)					
Dimensions			mm	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620	46 x 620 x 620
Weight			kg	2.8	2.8	2.8	2.8	2.8	2.8
Decoration Panel				Old style panel BYFQ60B3 (White RAL9010)					
Dimensions			mm	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700	55 x 700 x 700
Weight			kg	2.7	2.7	2.7	2.7	2.7	2.7
Electrical Details	Running Current		amps	0.3	0.3	0.3	0.4	0.4	0.6
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	31.5	32.0	33.0	33.5	37.0	43.0
		Nom	dBA	28.0	29.5	30.0	30.0	32.0	40.0
		Low	dBA	25.5	25.5	25.5	26.0	28.0	33.0
	Sound Power		dBA	49	49	50	51	54	60
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Trade Unit Price				**£1,216.00**	**£1,245.00**	**£1,273.00**	**£1,295.00**	**£1,394.00**	**£1,531.00**

R-410A

FXCQ-A

2 Way Blow Cassette



Indoor Units				FXCQ20A	FXCQ25A	FXCQ32A	FXCQ40A	FXCQ50A	FXCQ63A	FXCQ80A	FXCQ125A
Capacity	UK Total Cooling		kW	2.0	2.5	3.2	3.9	4.9	6.2	7.8	12.3
	UK Sensible Cooling		kW	1.7	2.0	2.4	2.9	3.6	4.8	5.8	8.9
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Air Flow Rate	High		m^3/sec	0.175	0.192	0.192	0.200	0.250	0.267	0.433	0.533
	Nom		m^3/sec	0.150	0.158	0.158	0.175	0.217	0.233	0.375	0.458
	Low		m^3/sec	0.125	0.133	0.133	0.142	0.175	0.192	0.308	0.375
Dimensions (with Decoration Panel)	Height		mm	305 (360)	305 (360)	305 (360)	305 (360)	305 (360)	305 (360)	305 (360)	305 (360)
	Width		mm	775 (1070)	775 (1070)	775 (1070)	775 (1070)	990 (1285)	990 (1285)	1445 (1740)	1445 (1740)
	Depth		mm	620 (700)	620 (700)	620 (700)	620 (700)	620 (700)	620 (700)	620 (700)	620 (700)
Weight (with Decoration Panel)			kg	19 (29)	19 (29)	19 (29)	19 (29)	22 (33)	25 (36)	33 (46)	38 (51)
Decoration Panel				BYBCQ40H	BYBCQ40H	BYBCQ40H	BYBCQ40H	BYBCQ63H	BYBCQ63H	BYBCQ125H	BYBCQ125H
Electrical Details	Running Current		amps	0.3	0.3	0.3	0.3	0.4	0.5	0.6	1.1
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	32.0	34.0	34.0	36.0	37.0	39.0	42.0	46.0
		Nom	dBA	30.0	31.0	32.0	33.0	35.0	37.0	38.0	42.0
		Low	dBA	28.0	29.0	30.0	31.0	31.0	32.0	33.0	38.0
	Sound Power		dBA	48.0	50.0	50.0	52.0	53.0	55.0	58.0	62.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£1,443.00**	**£1,467.00**	**£1,480.00**	**£1,637.00**	**£1,790.00**	**£1,858.00**	**£2,132.00**	**£2,560.00**

Notes:

i) Cassette prices include decoration panel
ii) For accessories please refer to pages 174 - 194

R-410A

FXKQ-A

1 Way Blow Corner Cassette



Indoor Units				FXKQ20A	FXKQ25A	FXKQ32A	FXKQ40A	FXKQ50A	FXKQ63A
Capacity	UK Total Cooling		kW	1.8	2.3	3.0	3.8	4.7	6.0
	UK Sensible Cooling		kW	1.3	1.6	2.1	2.6	3.3	4.3
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate (Cooling)	High		m^3/sec	0.118	0.118	Ma	0.215	0.258	0.358
	Nominal		m^3/sec	0.100	0.100	0.122	0.183	0.220	0.283
	Low		m^3/sec	0.083	0.083	0.100	0.152	0.183	0.235
Dimensions	Height x Width x Depth		mm	200 x 840 x 470	200 x 840 x 470	200 x 840 x 470	200 x 1240 x 470	200 x 1240 x 470	200 x 1240 x 470
Panel Dimensions	Height x Width x Depth		mm	80 x 950 x 550	80 x 950 x 550	80 x 950 x 550	80 x 1350 x 550	80 x 1350 x 550	80 x 1350 x 550
Decoration Panel				BYK32G	BYK32G	BYK32G	BYK63G	BYK63G	BYK63G
Weight			kg	17.0	17.0	18.0	23.0	23.0	23.0
Electrical Details	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6	6	6
Sound Level	Sound Pressure (Cooling)	H / M / L	dBA	36 / 33 / 30	37 / 34 / 31	38 / 35 / 32	40 / 37 / 34	42 / 40 / 37	56 / 53 / 50
	Sound Power (Cooling)	H	dBA	52	53	54	56	58	72
Trade Unit Price (including Decoration Panel)				**£1,184.00**	**£1,351.00**	**£1,368.00**	**£1,527.00**	**£1,567.00**	**£1,686.00**

Notes:

i) Cassette prices include decoration panel
ii) For accessories please refer to pages 174 - 194

R-410A

FXSQ-A

Concealed Ceiling Unit (Medium Static)



Notes:

i) For accessories please refer to pages 174 - 194

Indoor Units				FXSQ15A	FXSQ20A	FXSQ25A	FXSQ32A	FXSQ40A	FXSQ50A	FXSQ63A	FXSQ80A	FXSQ100A	FXSQ125A	FXSQ140A
Capacity	UK Total Cooling		kW	1.5	2.0	2.5	3.2	3.9	4.9	6.2	7.8	9.8	12.3	14.0
	UK Sensible Cooling		kW	1.1	1.4	1.8	2.4	3.0	3.7	4.6	5.8	7.4	9.1	10.4
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Air Flow Rate	High		m^3/sec	0.145	0.150	0.150	0.158	0.250	0.253	0.350	0.383	0.533	0.600	0.650
	Nom		m^3/sec	0.125	0.125	0.125	0.133	0.208	0.208	0.300	0.325	0.450	0.525	0.567
	Low		m^3/sec	0.108	0.108	0.108	0.117	0.183	0.183	0.250	0.267	0.383	0.433	0.467
External Static Pressure	High		Pa	150	150	150	150	150	150	150	150	150	150	150
	Low		Pa	30	30	30	30	30	30	30	40	40	50	50
Dimensions	Height x Width x Depth		mm	245 x 550 x 800	245 x 550 x 800	245 x 550 x 800	245 x 550 x 800	245 x 700 x 800	245 x 700 x 800	245 x 1000 x 800	245 x 1000 x 800	245 x 1400 x 800	245 x 1400 x 800	245 x 1550 x 800
Weight			kg	23.5	23.5	23.5	24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0
Electrical Details	Running Current		amps	0.7	0.7	0.7	0.7	1.1	1.1	1.5	1.7	2.2	2.4	2.5
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	29.5	30.0	30.0	31.0	35.0	35.0	33.0	35.0	36.0	39.0	41.5
		Nom	dBA	28.0	28.0	28.0	29.0	32.0	32.0	30.0	32.0	34.0	36.0	38.0
		Low	dBA	25.0	25.0	25.0	26.0	29.0	29.0	27.0	29.0	31.0	33.0	34.0
	Sound Power		dBA	54.0	54.0	54.0	55.0	60.0	60.0	59.0	61.0	61.0	64.0	64.0
Piping Connections	Liquid		inches (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inches (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£985.00**	**£1,017.00**	**£1,042.00**	**£1,055.00**	**£1,122.00**	**£1,171.00**	**£1,208.00**	**£1,375.00**	**£1,525.00**	**£1,745.00**	**£1,921.00**

R-410A

FXMQ-P7

Concealed Ceiling Unit (High Static)



Notes:

i) For accessories please refer to pages 174 - 194

Indoor Units				FXMQ50P7	FXMQ63P7	FXMQ80P7	FXMQ100P7	FXMQ125P7
Capacity	UK Total Cooling		kW	4.9	6.2	7.8	9.8	12.3
	UK Sensible Cooling		kW	4.1	5.0	6.3	7.5	9.4
	Nominal Cooling		kW	5.6	7.1	9.0	11.2	14.0
	Nominal Heating		kW	6.3	8.0	10.0	12.5	16.0
Air Flow Rate	High		m^3/sec	0.300	0.325	0.417	0.533	0.650
	Nom		m^3/sec	0.275	0.297	0.375	0.458	0.558
	Low		m^3/sec	0.250	0.267	0.333	0.383	0.467
External Static pressure	High		Pa	200	200	200	200	200
	Low		Pa	100	100	100	100	100
Dimensions	Height x Width x Depth		mm	300 x 1000 x 700	300 x 1000 x 700	300 x 1000 x 700	300 x 1400 x 700	300 x 1400 x 700
Weight			kg	35	35	35	46	46
Electrical Details	Running Current		amps	1.4	1.4	1.7	2.3	2.9
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	41.0	42.0	43.0	43.0	44.0
		Nom	dBA	39.0	40.0	41.0	41.0	42.0
		Low	dBA	37.0	38.0	39.0	39.0	40.0
	Sound Power		dBA	61.0	64.0	67.0	65.0	70.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£1,806.00**	**£1,894.00**	**£1,988.00**	**£2,206.00**	**£2,522.00**

R-410A

FXDQ-A3

Slim Concealed Ceiling Unit



Indoor Units				FXDQ15A3	FXDQ20A3	FXDQ25A3	FXDQ32A3	FXDQ40A3	FXDQ50A3	FXDQ63A3
Capacity	UK Total Cooling		kW	1.5	2.0	2.5	3.2	3.9	4.9	6.2
	UK Sensible Cooling		kW	1.3	1.6	1.9	2.2	2.9	3.6	4.4
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.125	0.133	0.133	0.133	0.175	0.208	0.275
	Nom		m^3/sec	0.117	0.120	0.120	0.120	0.158	0.183	0.242
	Low		m^3/sec	0.107	0.107	0.107	0.107	0.142	0.167	0.217
External Static Pressure	High		Pa	30	30	30	30	44	44	44
	Low		Pa	10	10	10	10	15	15	15
Dimensions	Height x Width x Depth		mm	200 x 750 x 620	200 x 750 x 620	200 x 750 x 620	200 x 750 x 620	200 x 950 x 620	200 x 950 x 620	200 x 1150 x 620
Weight			kg	22	22	22	22	26	26	29
Electrical Details	Running Current		amps	0.4	0.4	0.4	0.4	0.5	0.5	0.6
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	32.0	33.0	33.0	33.0	34.0	35.0	36.0
		Nom	dBA	31.0	31.0	31.0	31.0	32.0	33.0	34.0
		Low	dBA	27.0	27.0	27.0	27.0	28.0	29.0	30.0
	Sound Power		dBA	50.0	51.0	51.0	51.0	52.0	53.0	54.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)
Trade Unit Price				**£954.00**	**£984.00**	**£1,014.00**	**£1,026.00**	**£1,092.00**	**£1,137.00**	**£1,172.00**

Notes:

i) For accessories please refer to pages 174 - 194
ii) Fan coils supplied as standard with factory fitted filter

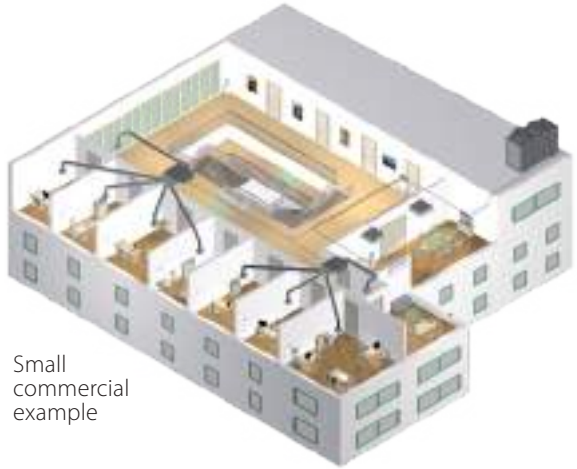


Easyzone - Air Cooling and Heating System

The Easyzone system offers a low installation cost and versatile way to control the temperature of multiple spaces from a single ducted fan coil as part of a Split, Sky Air or VRV system.

The system consists of an adaptor that fits onto the ducted fan coil, which has between two and eight round duct adaptors depending on how many rooms you want to supply. Each adaptor has its own motorised damper controlling the volume of conditioned air delivered to the space, enabling individual temperature control in each room.

The system must have BRC1H* Madoka remote controller. The first room can then have a Bluezero or wired Think controller. Each subsequent room can then have either a wired or wireless Lite, Think or Bluezero controller.



Small commercial example

Easyzone is available for the following fan coils:

Model	Class										
FXSQ-A	15	20	25	32	40	50	63	80	100	125	140
FXDQ-A3		20	25	32	40	50	63				
FBA-A(9)				35		50	60	71	100	125	140
FDXM-F9			25	35		50	60				

Easyzone kit Part Number	Plenum size	No of ducts	Duct size mm	Compatible models	Trade Price
AZEZ6DAIST07XS2	Standard	2	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,186.00**
AZEZ6DAIST07XS3	Standard	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,275.00**
AZEZ6DAIST07S2	Standard	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,186.00**
AZEZ6DAIST07S3	Standard	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,275.00**
AZEZ6DAIST07S4	Standard	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,362.00**
AZEZ6DAIST07M4	Standard	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,362.00**
AZEZ6DAIST07M5	Standard	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,519.00**
AZEZ6DAIST07M6	Standard	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,740.00**
AZEZ6DAIST07L5	Standard	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,519.00**
AZEZ6DAIST07L6	Standard	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,740.00**
AZEZ6DAIST07L7	Standard	7	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,841.00**
AZEZ6DAIST07L8	Standard	8	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,939.00**
AZEZ6DAIST07XL7	Standard	7	200	FXSQ140A	**£1,841.00**
AZEZ6DAIST07XL8	Standard	8	200	FXSQ140A	**£1,939.00**
AZEZ6DAIBS07XS2	Medium	2	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,186.00**
AZEZ6DAIBS07XS3	Medium	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	**£1,275.00**
AZEZ6DAIBS07S2	Medium	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,186.00**
AZEZ6DAIBS07S3	Medium	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,275.00**
AZEZ6DAIBS07S4	Medium	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,362.00**
AZEZ6DAIBS07S5	Medium	5	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	**£1,519.00**
AZEZ6DAIBS07M3	Medium	3	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,275.00**
AZEZ6DAIBS07M4	Medium	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,362.00**
AZEZ6DAIBS07M5	Medium	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,519.00**
AZEZ6DAIBS07M6	Medium	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	**£1,740.00**
AZEZ6DAIBS07L4	Medium	4	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,362.00**
AZEZ6DAIBS07L5	Medium	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,519.00**
AZEZ6DAIBS07L6	Medium	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	**£1,740.00**
AZEZ6DAIBS07XL5	Medium	5	200	FXSQ140A	**£1,519.00**
AZEZ6DAIBS07XL6	Medium	6	200	FXSQ140A	**£1,740.00**
AZEZ6DAISL01S2	Slim	2	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	**£1,232.00**
AZEZ6DAISL01S3	Slim	3	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	**£1,325.00**
AZEZ6DAISL01M4	Slim	4	150	FXDQ40A3 FXDQ50A3	**£1,412.00**
AZEZ6DAISL01L5	Slim	5	150	FDXM50F9 FDXM60F9 FXDQ63A3	**£1,509.00**



Compact ceiling void for FXDQ-A3 and FDXM-F9



Standard ceiling void for FBA-A(9) and FXSQ-A



AZCE6BLUEZEROCB



AZCE6THINKRB



AZCE6LITERB



BRC1H52W7 remote control

Minimum requirements: Daikin Ducted unit from the list above + associated Easyzone kit, 1 x BRC1H*, 1 x AZCE6BLUEZERO Bluezero controller and additional AZCE* controllers per room as required.

Note: EasyZone is not compatible with VRV R-32 ducted indoor units.

Accessories for Easyzone system

Daikin offers a series of new accessories to increase the flexibility and speed of installation of the Easyzone multi-room air conditioning system.

Zone room controllers

Model		Description	Trade Price
	**BRC1H52W7**	Wired touch screen remote controller - White	**£133.00**
	**AZCE6BLUEZEROCB**	Main room thermostat (at least 1 required)	**£218.00**
	**AZCE6THINKRB**	Additional wireless touch screen room thermostat (Think)	**£254.00**
	**AZCE6LITERB**	Additional wireless touch screen room thermostat (Lite)	**£200.00**
	**AZCE6LITECB**	Additional wired touch screen room thermostat (Lite)	**£160.00**

Zone controlling cabling

Model		Description	Trade Price
	**AZX8CABLEBUS15**	15m of interconnecting cable for Easyzone thermostats	**£22.00**
	AZX8CABLEBUS100	100m of interconnecting cable for Easyzone thermostats	**£133.00**

Webserver cloud control

Model		Description	Trade Price
	**AZX6WSC5GER**	PCB mounted Webserver cloud (wireless)	**£298.00**
	**AZX6WSPHUB**	Free standing Webserver cloud (wired)	**£298.00**

N.B. These interfaces cannot be combined with the BACNet or KNX gateways.

BACNet gateway

Model		Description	Trade Price
	**AZX6WSPBAC**	BACNET gateway	**£298.00**

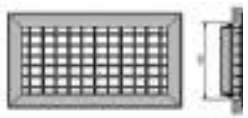
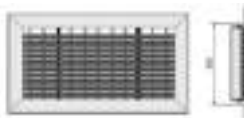
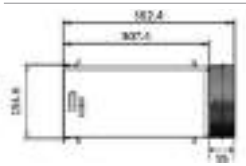
N.B. In addition to a AZX6BACNET per Easyzone unit, a DCM009A51 BACNet Client software is required per Intelligent Touch Manager
This gateway cannot be combined with either Webserver cloud controller or the KNX gateway.

KNX gateway

Model		Description	Trade Price
	**AZX6KNXGTWAY**	KNX gateway	**£298.00**

N.B. This interface cannot be combined with either Webserver cloud controller or the BACNet gateway

Supply air diffusers and plenum

Model		Description	Trade Price
	**RDHV040015BKX**	Air diffuser - wall	**£34.00**
	**RLQV040015BKX**	Air diffuser - ceiling	**£52.00**
	**PREJ040015T**	Plenum for wall & ceiling diffuser	**£116.00**

Return air diffuser c/w filter and plenum

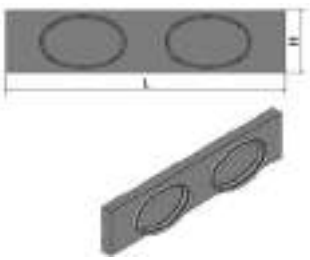
Model		Description	Trade Price
	**RRFR050050BTX**	Air intake filter slot + filter <u>Fan coil units:</u> FBA35A, FBA50A, FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A, FXSQ40A, FXSQ50A (1 diffuser Required) <u>Fan coil units:</u> FBA60A, FBA71A, FXSQ63A, FXSQ80A (2 diffusers Required) <u>Fan coil units:</u> FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A, FXSQ140A (4 diffusers Required)	**£194.00**
	**BR500**	Air intake plenum for RRFR050050BTX	**£263.00**

N.B. The Ø250Emm connections are elliptical in shape but are equivalent to a Ø250mm circular connection.

Air intake plenums

Designed to perfectly match the return air connection on the Daikin indoor unit, a range of air intake plenums is now available.

Each plenum is provided with a number of Ø250Emm* spigots to ensure adequate airflow is available for correct unit operation.



Model	Description	Compatible FCU	Trade Price
AZCEZDAPR07XS	Standard unit return plenum – XS (1 spigot)	FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A	**£133.00**
AZCEZDAPR07S	Standard unit return plenum – S (1 spigot)	FBA35A, FBA50A, FXSQ40A, FXSQ50A	**£133.00**
AZCEZDAPR07M	Standard unit return plenum – M (2 spigots)	FBA60A, FBA71A, FXSQ63A, FXSQ80A	**£152.00**
AZCEZDAPR07L	Standard unit return plenum – L (4 spigots)	FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A	**£194.00**
AZCEZDAPR07XL	Standard unit return plenum - XL (4 spigots)	FXSQ140A	**£218.00**

N.B. The Ø250Emm connections are elliptical in shape but are equivalent to a Ø250mm circular connection.

R-410A

FXMQ-A

Concealed Ceiling Unit (Ultra High Static)



Indoor Units				FXMQ200A	FXMQ250A
Capacity	UK Total Cooling		kW	19.6	24.5
	UK Sensible Cooling		kW	15.0	18.7
	Nominal Cooling		kW	22.4	28.0
	Nominal Heating		kW	25.0	31.5
Air Flow Rate (Cooling)	High		m^3/sec	1.033	1.233
	Nom		m^3/sec	0.800	1.067
	Low		m^3/sec	0.683	0.867
External Static pressure	High		Pa	250	250
	Nom		Pa	150	150
Dimensions	Height x Width x Depth		mm	1143 x 1572 x 470	1143 x 1572 x 470
Weight			kg	105	115
Electrical Details	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6
Sound Level (Cooling)	Sound Pressure	High	dBA	48.0	48.0
		Medium	dBA	46.5	46.5
		Low	dBA	45.0	45.0
	Sound Power (high)		dBA	75.0	76.0
Piping Connections	Liquid		inch (mm)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	3/4 (19)	7/8 (22.2)
Trade Unit Price				**£4,403.00**	**£4,505.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-410A

FXAQ-A

Wall Mounted



Indoor Units				FXAQ15A	FXAQ20A	FXAQ25A	FXAQ32A	FXAQ40A	FXAQ50A	FXAQ63A
Capacity	UK Total Cooling		kW	1.5	2.0	2.5	3.2	3.9	4.9	6.2
	UK Sensible Cooling		kW	1.3	1.8	2.0	2.4	3.4	3.8	4.7
	Nominal Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.140	0.152	0.157	0.163	0.203	0.240	0.305
	Low		m^3/sec	0.117	0.117	0.117	0.117	0.162	0.192	0.225
Dimensions	Height x Width x Depth		mm	290 x 795 x 266	290 x 795 x 266	290 x 795 x 266	290 x 795 x 266	290 x 1050 x 269	290 x 1050 x 269	290 x 1050 x 269
Weight			kg	12	12	12	12	15	15	15
Electrical Details	Running Current		amps	0.3	0.3	0.4	0.4	0.4	0.5	0.7
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	32.0	33.0	35.0	37.5	37.0	41.0	46.5
		Low	dBA	28.5	28.5	28.5	28.5	33.5	35.5	38.5
	Sound Power		dBA	51.0	52.0	53.0	55.0	55.0	58.0	63.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)
Trade Unit Price				**£746.00**	**£769.00**	**£789.00**	**£798.00**	**£815.00**	**£863.00**	**£951.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-410A

FXHQ-A

Ceiling Suspended



Indoor Units				FXHQ32A	FXHQ63A	FXHQ100A
Capacity	UK Total Cooling		kW	3.2	6.2	9.8
	UK Sensible Cooling		kW	2.4	4.5	6.5
	Nominal Cooling		kW	3.6	7.1	11.2
	Nominal Heating		kW	4.0	8.0	12.5
Air Flow Rate	High		m^3/sec	0.233	0.333	0.492
	Nom		m^3/sec	0.200	0.283	0.400
	Low		m^3/sec	0.167	0.233	0.317
Dimensions	Height x Width x Depth		mm	235 x 960 x 690	235 x 1270 x 690	235 x 1590 x 690
Weight			kg	24	33	39
Electrical Details	Running Current		amps	0.8	0.8	1.7
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6
Sound Level	Sound Pressure	High	dBA	36.0	37.0	44.0
		Nom	dBA	34.0	35.0	37.0
		Low	dBA	31.0	34.0	34.0
	Sound Power		dBA	54.0	55.0	62.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£1,538.00**	**£1,702.00**	**£2,110.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-410A

FXUQ-A

Under Ceiling Cassette



Indoor Units				FXUQ71A	FXUQ100A
Capacity	UK Total Cooling		kW	7.0	9.8
	UK Sensible Cooling		kW	5.4	7.2
	Nominal Cooling		kW	8.0	11.2
	Nominal Heating		kW	9.0	12.5
Air Flow Rate	High		m^3/sec	0.375	0.517
	Nom		m^3/sec	0.325	0.433
	Low		m^3/sec	0.267	0.350
Dimensions	Height x Width x Depth		mm	198 x 950 x 950	198 x 950 x 950
Weight			kg	26	27
Electrical Details	Running Current		amps	0.6	1.4
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6
Sound Level	Sound Pressure	High	dBA	40.0	47.0
		Nom	dBA	38.0	44.0
		Low	dBA	36.0	40.0
	Sound Power		dBA	58.0	65.0
Piping Connections	Liquid		inch (mm)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	5/8 (15.9)	5/8 (15.9)
Trade Unit Price				**£2,127.00**	**£2,264.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-410A

FXLQ-P

Floor Mounted Cased



Indoor Units				FXLQ20P	FXLQ25P	FXLQ32P	FXLQ40P	FXLQ50P	FXLQ63P
Capacity	UK Total Cooling		kW	2.0	2.5	3.2	3.9	4.9	6.2
	UK Sensible Cooling		kW	1.6	1.9	2.2	2.9	3.6	4.4
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.117	0.117	0.133	0.183	0.233	0.267
	Low		m^3/sec	0.100	0.100	0.100	0.142	0.183	0.200
Dimensions	Height x Width x Depth		mm	600 x 1000 x 232	600 x 1000 x 232	600 x 1140 x 232	600 x 1140 x 232	600 x 1420 x 232	600 x 1420 x 232
Weight			kg	27	27	32	32	38	38
Electrical Details	Running Current		amps	0.3	0.3	0.6	0.6	0.6	0.6
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	35.0	35.0	35.0	38.0	39.0	40.0
		Low	dBA	32.0	32.0	32.0	33.0	34.0	35.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)
Trade Unit Price				**£1,178.00**	**£1,198.00**	**£1,220.00**	**£1,265.00**	**£1,279.00**	**£1,355.00**

Notes:

i) For accessories please refer to pages 174 - 194

R-410A

FXNQ-A

Concealed Floor Standing Unit



Indoor Units				FXNQ20A	FXNQ25A	FXNQ32A	FXNQ40A	FXNQ50A	FXNQ63A
Capacity	UK Total Cooling		kW	2.0	2.5	3.2	3.9	4.9	6.2
	UK Sensible Cooling		kW	1.6	1.9	2.2	2.9	3.6	4.4
	Nominal Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
	Nominal Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
Air Flow Rate	High		m^3/sec	0.133	0.133	0.133	0.175	0.208	0.275
	Nom		m^3/sec	0.120	0.120	0.120	0.158	0.183	0.242
	Low		m^3/sec	0.107	0.107	0.107	0.142	0.167	0.217
External Static Pressure	High		Pa	41	41	42	52	59	55
	Nominal		Pa	10	10	10	15	15	15
Dimensions*	Height x Width x Depth		mm	620 x 790 x 200	620 x 790 x 200	620 x 790 x 200	620 x 990 x 200	620 x 990 x 200	620 x 1190 x 200
Weight			kg	23.5	23.5	23.5	27.5	27.5	32.0
Electrical Details	Running Current		amps	0.4	0.4	0.4	0.5	0.5	0.6
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Fuse Rating		amps	6	6	6	6	6	6
Sound Level	Sound Pressure	High	dBA	30.0	30.0	30.0	32.0	33.0	35.0
		Nom	dBA	28.5	28.5	28.5	30.0	31.0	33.0
		Low	dBA	27.0	27.0	27.0	28.0	29.0	32.0
	Sound Power		dBA	51.0	51.0	51.0	52.0	53.0	54.0
Piping Connections	Liquid		inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)
Trade Unit Price				**£1,100.00**	**£1,118.00**	**£1,141.00**	**£1,180.00**	**£1,196.00**	**£1,270.00**

*Dimensions may vary depending on installation method, please refer to databook

Notes:

i) For accessories please refer to pages 174 - 194
ii) Supplied with removable feet

R-410A

HXY-A8

Hot Water Generation – VRV Heat Pump Systems



HXY-A8

Producing hot water from a heat pump system provides extremely low-cost heating and cooling of water. Temperatures between 5°C to 45°C can be achieved, allowing water temperature control for multiple applications without the need for a separate system.



Features and benefits:

- Highly efficient space heating/cooling
- Air to water connection to VRV for applications such as underfloor, AHU and low temperature radiators
- Leaving water temperature range from 5°C to 45°C without electric heater
- Super wide operating range for cold/hot water production from -20°C to +43°C ambient outdoor temperature
- Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- Saves space with contemporary wall hung design
- Requires no gas connection or oil tank

Indoor unit					HXY080A8	HXY125A8
Cooling capacity	Nom.			kW	8.0	12.5
Heating capacity	Nom.			kW	9.0	14.0
Casing	Colour				White	White
	Material				Precoated sheet metal	
Dimensions	Unit	Height x Width x Depth		mm	890x480x344	890x480x344
Weight	Unit			kg	44	44
Sound pressure level	Nom.			dBA	-	-
Operation range	Heating	Ambient	Min.~Max.	°C	-20~24	-20~24
		Water side	Min.~Max.	°C	25~45	25~45
Refrigerant	Type				R-410A	R-410A
Refrigerant circuit	Liquid			inch (mm)	3/8 (9.5)	3/8 (9.5)
	Gas			inch (mm)	5/8 (15.9)	5/8 (15.9)
Water circuit	Piping connections diameter			inch	G 1"1/4 (female)	G 1"1/4 (female)
Power supply				Phase / Hz / V	1 / 50 / 230	1 / 50 / 230
Recommended fuses				A	6	6

Trade Unit Price	£2,476.00	£3,470.00

R-410A

HXHD-A8 / HXY-A8

Hot Water Generation – VRV Heat Recovery Systems

Producing hot water from a heat recovery VRV system is one of the most energy-efficient means of providing hot water within a building. We can provide high and low temperature hot water for bathrooms, wash basins, underfloor heating, radiators and even heated water for air handling unit applications.



HXHD-A8 (High temperature)



HXY-A8 (Low temperature)

Using waste heat to provide hot water means you can offer an additional service to your building from the heat recovery VRV system at very low cost.

Features and benefits:

For both low temperature and high temperature

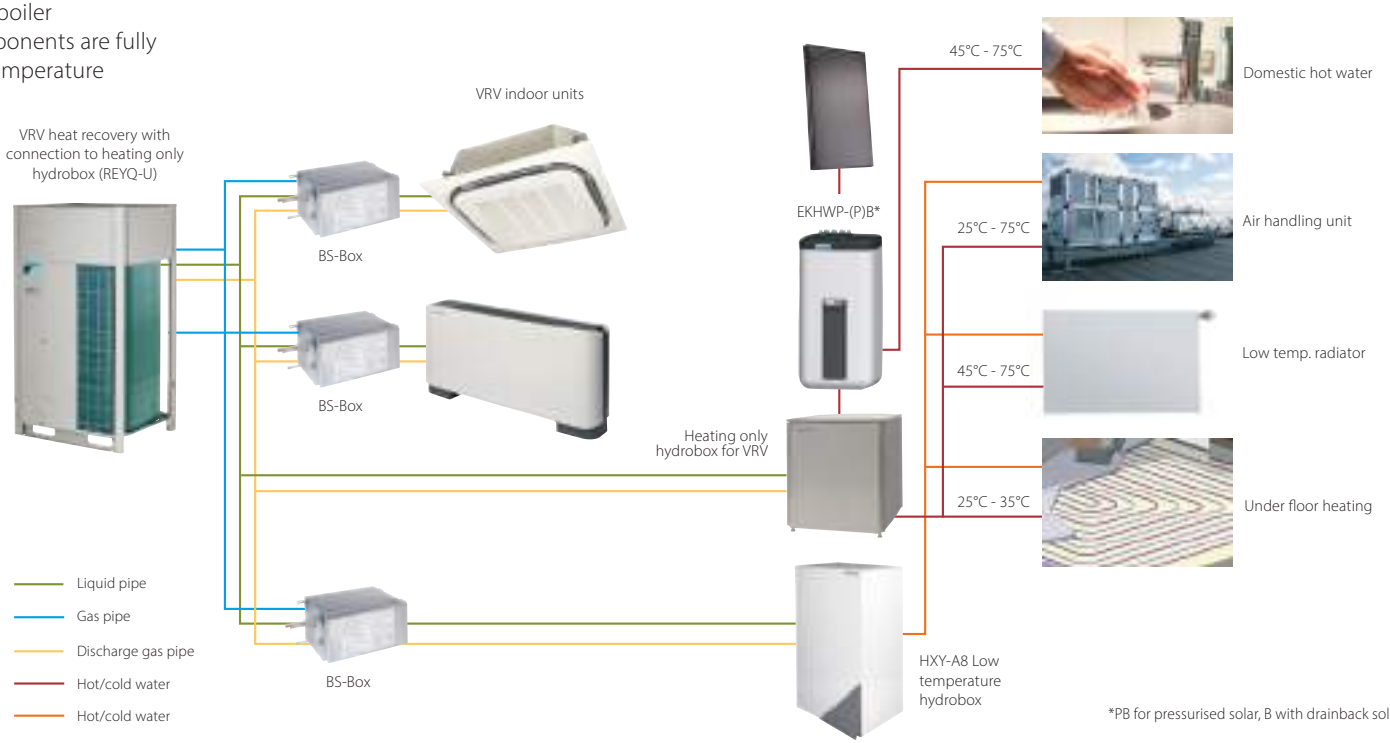
- Uses heat pump technology to produce hot water efficiently, providing up to 17% savings compared with a gas boiler
- Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- Requires no gas connection or oil tank

For low temperature

- Highly efficient space heating/cooling
- Leaving water temperature range from 5°C to 45°C without electric heater
- Super wide operating range for cold/hot water production from -20°C to +43°C ambient outdoor temperature
- Saves space with contemporary wall hung design

For high temperature

- Possibility to connect thermal solar collectors to the domestic hot water tank
- Leaving water temperature range from 25°C to 80°C without electric heater
- Various control possibilities with weather dependent set point or thermostat control



*PB for pressurised solar, B with drainback solar.

R-410A R-134a

HXHD-A8 / HXY-A8

VRV Heat Recovery Systems Hydrobox



Notes:

i) Hydroboxes are connectable to the following outdoor series only:
Air Cooled Heat Recovery REYQ-U (see pages 143 - 146)
and Watercooled RWEYQ (see pages 167-171)
ii) Hydroboxes are inclusive of integral expansion vessel, and pump

Indoor unit					HXHD125A8	HXHD200A8	HXY080A8	HXY125A8
					High Temperature		Low Temperature	
Cooling Capacity	Nom.			kW	-	-	8.0	12.5
Heating capacity	Nom.			kW	14.0	22.4	9.0	14
Casing	Colour				Metallic grey	Metallic grey	White	White
	Material				Precoated sheet metal			
Dimensions	Unit	Height x Width x Depth		mm	705 x 600 x 695	705 x 600 x 695	890 x 480 x 344	890 x 480 x 344
Weight	Unit			kg	92	147	44	44
Sound pressure level	Nom.			dBA	42 (1) / 43 (2)	46 (1) (2)	-	
	Night quiet mode	Level 1		dBA	38 (1)	45 (1)		
Operation range	Heating	Ambient	Min.~Max.	°C	-20~20 / 24 (3)	-20~20 / 24 (3)	-20~24	-20~24
		Water side	Min.~Max.	°C	25~80	25~80	25~45	25~45
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~43	-20~43	-	
		Water side	Min.~Max.	°C	45~75	45~75	-	
Refrigerant	Type				R-134a	R-134a	R-410A	R-410A
Refrigerant circuit	Liquid			inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas			inch (mm)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Water circuit	Piping connections diameter			inch	G 1" (female)	G 1" (female)	G 1" 1/4(female)	G 1" 1/4(female)
	Heating water system	Water volume	Min.~Max.	litres	20~200	20~400	-	-
Power supply				Phase / Hz / V	1 / 50 / 230	3 / 50 / 380~415	1 / 50 / 230	1 / 50 / 230
Current	Recommended fuses			A	20	16	6	6
Trade Unit Price					**£4,591.00**	**£6,876.00**	**£2,476.00**	**£3,470.00**

(1) Sound levels are measured at: EW 55°C; LW 65°C (2) Sound levels are measured at: EW 70°C; LW 80°C (3) Field setting

R-410A

LOOP BY DAIKIN

REYQ-U (8 to 12 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			8 hp Single	10 hp Single	10 hp Multi		12 hp Single
			REYQ8U	REYQ10U	REMQ5U	REMQ5U	REYQ12U
Capacity	Nominal Cooling	kW	22.4	28.0	28.0		33.5
	Nominal Heating	kW	25.0	31.5	32.0		37.5
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765
Weight		kg	230	230	230	230	230
Fan	Air Flow Rate	m^3/sec	2.700	2.917	2.700	2.700	3.084
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.9	11.8	5.3	5.3	15.3
	Starting Current	amps	4	4	4	4	4
	Fuse Rating	amps	20	25	20	20	32
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A		R-410A
	Refrigerant Charge	kg	9.7	9.8	9.7	9.7	9.9
	Additional Charge	kg	See data book				
Sound Pressure		dBA	57.0	57.0	57.0	57.0	61.0
Sound Power		dBA	78.0	79.1	78.0	78.0	83.4
Piping Limits	Maximum Total Length	m	1000	1000	1000		1000
	Maximum Actual Length	m	165	165	165		165
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)		1/2 (12.7)
	Discharge	inch (mm)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)		3/4 (19.1)
	Gas	inch (mm)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)		1 1/8 (28.6)
Capacity Index Limit			100 ~ 260	125 ~ 325	125 ~ 325		150 ~ 390
Maximum Number of Connected Indoor Units			64	64	64		64
Trade Condensing Unit Price			**£8,435.00**	**£9,264.00**	**£11,578.00**		**£11,236.00**

R-410A

LOOP BY DAIKIN

REYQ-U (13 to 16 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			13 hp Multi		14 hp Single	16 hp Single	16 hp Multi	
			REYQ8U	REMQ5U	REYQ14U	REYQ16U	REYQ8U	REYQ8U
Capacity	Nominal Cooling	kW	36.4		40.0	45.0	44.8	
	Nominal Heating	kW	41.0		45.0	50.0	50.0	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 930 x 765
Weight		kg	230	230	314	314	230	230
Fan	Air Flow Rate	m^3/sec	2.700	2.700	3.717	4.334	2.700	2.700
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.9	5.3	17.4	21.1	8.9	8.9
	Starting Current	amps	4	4	4	4	4	4
	Fuse Rating	amps	20	20	32	40	20	20
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		R-410A	
	Refrigerant Charge	kg	9.7	9.7	11.8	11.8	9.7	9.7
	Additional Charge	kg	See data book					
Sound Pressure		dBA	57.0	57.0	60.0	63.0	57.0	57.0
Sound Power		dBA	78.0	78.0	81.0	85.6	78.0	78.0
Piping Limits	Maximum Total Length	m	1000		1000		1000	
	Maximum Actual Length	m	165		165		165	
Piping Connections - Systems	Liquid	inch (mm)	1/2 (12.7)		1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	
	Discharge	inch (mm)	3/4 (19.1)		7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	
	Gas	inch (mm)	1 1/8 (28.6)		1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	
Capacity Index Limit			162.5 ~ 422.5		175 ~ 455	200 ~ 520	200 ~ 520	
Maximum Number of Connected Indoor Units			64		64	64	64	
Trade Condensing Unit Price			**£14,224.00**		**£13,244.00**	**£15,606.00**	**£16,870.00**	

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LOOP BY DAIKIN

REYQ-U (18 to 20 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			18 hp Single	18 hp Multi		20 hp Single	20 hp Multi	
			REYQ18U	REYQ8U	REYQ10U	REYQ20U	REYQ8U	REYQ12U
Capacity	Nominal Cooling	kW	50.4	50.4		55.9	55.9	
	Nominal Heating	kW	56.5	56.5		63.0	62.5	
Dimensions	Height x Width x Depth	mm	1685 x 1240 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 930 x 765
Weight		kg	317	230	230	317	230	230
Fan	Air Flow Rate	m^3/sec	4.184	2.700	2.917	4.350	2.917	2.917
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	24.6	8.9	11.8	31.1	11.8	11.8
	Starting Current	amps	4	4	4	4	4	4
	Fuse Rating	amps	40	20	25	50	25	25
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A		R-410A	R-410A	
	Refrigerant Charge	kg	11.8	9.7	9.8	11.8	9.8	9.8
	Additional Charge	kg	See data book					
Sound Pressure		dBA	62.0	57.0	57.0	65.0	57.0	57.0
Sound Power		dBA	83.8	78.0	79.1	87.9	79.1	79.1
Piping Limits	Maximum Total Length	m	1000	1000		1000	1000	
	Maximum Actual Length	m	165	165		165	165	
Piping Connections - Systems	Liquid	inch (mm)	5/8 (15.9)	5/8 (15.9)		5/8 (15.9)	5/8 (15.9)	
	Discharge	inch (mm)	7/8 (22.2)	7/8 (22.2)		1 1/8 (28.6)	1 1/8 (28.6)	
	Gas	inch (mm)	1 1/8 (28.6)	1 1/8 (28.6)		1 1/8 (28.6)	1 1/8 (28.6)	
Capacity Index Limit			225 ~ 585	225 ~ 585		250 ~ 650	250 ~ 650	
Maximum Number of Connected Indoor Units			64	64		64	64	
Trade Condensing Unit Price			**£17,350.00**	**£17,699.00**		**£19,281.00**	**£19,671.00**	

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LOOP BY DAIKIN

REYQ-U (22 to 28 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			22 hp Multi		24 hp Multi		26 hp Multi		28 hp Multi	
			REYQ10U	REYQ12U	REYQ8U	REYQ16U	REYQ12U	REYQ14U	REYQ12U	REYQ16U
Capacity	Nominal Cooling	kW	61.5		67.4		73.5		78.5	
	Nominal Heating	kW	69.0		75.0		82.5		87.5	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 1240 x 765
Weight		kg	230	230	230	314	230	314	230	314
Air Flow Rate		m^3/sec	2.917	3.084	2.700	4.334	3.084	3.717	3.084	4.334
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	11.8	15.3	8	21.1	15.3	17.4	15.3	21.1
	Starting Current	amps	4	4	4	4	4	4	4	4
	Fuse Rating	amps	25	32	20	40	32	32	32	40
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		R-410A		R-410A	
	Refrigerant Charge	kg	9.8	9.9	9.7	11.8	9.9	11.8	9.9	11.8
	Additional Charge	kg	See data book							
Sound Pressure		dBA	57.0	61.0	57.0	63.0	61.0	60.0	61.0	63.0
Sound Power		dBA	79.1	83.4	78.0	85.6	83.4	81.0	83.4	85.6
Piping Limits	Maximum Total Length	m	1000		1000		1000		1000	
	Maximum Actual Length	m	165		165		165		165	
Piping Connections - Systems	Liquid	inch (mm)	5/8 (15.9)		5/8 (15.9)		3/4 (19)		3/4 (19)	
	Discharge	inch (mm)	1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)	
	Gas	inch (mm)	1 1/8 (28.6)		1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)	
Capacity Index Limit			275 ~ 715		300 ~ 780		325 ~ 845		350 ~ 910	
Maximum Number of Connected Indoor Units			64		64		64		64	
Trade Condensing Unit Price			**£20,500.00**		**£24,041.00**		**£24,480.00**		**£26,842.00**	

R-410A

LOOP BY DAIKIN

REYQ-U (30 to 36 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			30 hp Multi		32 hp Multi		34 hp Multi		36 hp Multi	
			REYQ12U	REYQ18U	REYQ16U	REYQ16U	REYQ16U	REYQ18U	REYQ16U	REYQ20U
Capacity	Nominal Cooling	kW	83.9		90.0		95.4		97.0	
	Nominal Heating	kW	94.0		100.0		106.5		113.0	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	230	317	314	314	314	317	314	317
Fan	Air Flow Rate	m^3/sec	3.084	4.184	4.334	4.334	4.334	4.184	4.334	4.350
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	15.3	24.6	21.1	21.1	21.1	24.6	21.1	31.1
	Starting Current	amps	4	4	4	4	4	4	4	4
	Fuse Rating	amps	32	40	40	40	40	40	40	50
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		R-410A		R-410A	
	Refrigerant Charge	kg	9.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8
	Additional Charge	kg	See data book							
Sound Pressure		dBA	61.0	62.0	63.0	63.0	63.0	62.0	63.0	65.0
Sound Power		dBA	83.4	83.8	85.6	85.6	85.6	83.8	85.6	87.9
Piping Limits	Maximum Total Length	m	1000		1000		1000		1000	
	Maximum Actual Length	m	165		165		165		165	
Piping Connections - Systems	Liquid	inch (mm)	3/4 (19.1)		3/4 (19.1)		3/4 (19.1)		3/4 (19.1)	
	Discharge	inch (mm)	1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)	
	Gas	inch (mm)	1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)		1 5/8 (41.3)	
Capacity Index Limit			375 ~ 975		400 ~ 1040		425 ~ 1105		450 ~ 1170	
Maximum Number of Connected Indoor Units			64		64		64		64	
Trade Condensing Unit Price			**£28,586.00**		**£31,212.00**		**£32,956.00**		**£34,887.00**	

R-410A

LOOP BY DAIKIN

REYQ-U (38 to 42 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			38 hp Multi			40 hp Multi			42 hp Multi		
			REYQ8U	REYQ12U	REYQ18U	REYQ10U	REYQ12U	REYQ18U	REYQ10U	REYQ16U	REYQ16U
Capacity	Nominal Cooling	kW	106.3			111.9			118.0		
	Nominal Heating	kW	119.0			125.5			131.5		
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	230	230	317	230	230	317	230	314	314
Fan	Air Flow Rate	m^3/sec	2.700	3.084	4.184	2.917	3.084	4.184	2.917	4.334	4.334
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.9	15.3	24.6	11.8	15.3	24.6	11.8	21.1	21.1
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	20	32	40	25	32	40	25	40	40
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	9.7	9.9	11.8	9.8	9.9	11.8	9.8	11.8	11.8
	Additional Charge	kg	See data book			See data book			See data book		
Sound Pressure		dBA	57.0	61.0	62.0	57.0	61.0	62.0	57.0	63.0	63.0
Sound Power		dBA	78.0	83.4	83.8	79.1	83.4	83.8	79.1	85.6	85.6
Piping Limits	Maximum Total Length	m	1000			1000			1000		
	Maximum Actual Length	m	165			165			165		
Piping Connections - Systems	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Discharge	inch (mm)	1 3/8 (34.9)			1 3/8 (34.9)			1 3/8 (34.9)		
	Gas	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			475 ~ 1235			500 ~ 1300			525 ~ 1365		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£37,021.00**			**£37,850.00**			**£40,476.00**		

R-410A

LOOP BY DAIKIN

REYQ-U (44 to 48 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			44 hp Multi			46 hp Multi			48 hp Multi		
			REYQ12U	REYQ16U	REYQ16U	REYQ14U	REYQ16U	REYQ16U	REYQ16U	REYQ16U	REYQ16U
Capacity	Nominal Cooling	kW	123.5			130.0			135.0		
	Nominal Heating	kW	137.5			145.0			150.0		
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	230	314	314	314	314	314	314	314	314
Fan	Air Flow Rate	m^3/sec	3.084	4.334	4.334	3.717	4.334	4.334	4.334	4.334	4.334
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	15.3	21.1	21.1	17.4	21.1	21.1	21.1	21.1	21.1
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	32	40	40	32	40	40	40	40	40
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	9.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
	Additional Charge	kg	See data book			See data book			See data book		
Sound Pressure		dBA	61.0	63.0	63.0	60.0	63.0	63.0	63.0	63.0	63.0
Sound Power		dBA	83.4	85.6	85.6	81.0	85.6	85.6	85.6	85.6	85.6
Piping Limits	Maximum Total Length	m	1000			1000			1000		
	Maximum Actual Length	m	165			165			165		
Piping Connections - Systems	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Discharge	inch (mm)	1 3/8 (34.9)			1 3/8 (34.9)			1 3/8 (34.9)		
	Gas	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			550 ~ 1430			575 ~ 1495			600 ~ 1560		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£42,448.00**			**£44,456.00**			**£46,818.00**		

R-410A

LOOP BY DAIKIN

REYQ-U (50 to 54 hp)

VRV IV+ Condensing Units Heat Recovery



Outdoor Units			50 hp Multi			52 hp Multi			54 hp Multi		
			REYQ16U	REYQ16U	REYQ18U	REYQ16U	REYQ18U	REYQ18U	REYQ18U	REYQ18U	REYQ18U
Capacity	Nominal Cooling	kW	140.4			145.8			151.2		
	Nominal Heating	kW	156.5			163.0			169.5		
Dimensions	Height x Width x Depth	mm	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	314	314	317	314	317	317	317	317	317
Fan	Air Flow Rate	m^3/sec	4.334	4.334	4.184	4.334	4.184	4.184	4.184	4.184	4.184
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	21.1	21.1	24.6	21.1	24.6	24.6	24.6	24.6	24.6
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	40	40	40	40	40	40	40	40	40
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
	Additional Charge	kg	See data book			See data book			See data book		
Sound Pressure		dBA	63.0	63.0	62.0	63.0	62.0	62.0	62.0	62.0	62.0
Sound Power		dBA	85.6	85.6	83.8	85.6	83.8	83.8	83.8	83.8	83.8
Piping Limits	Maximum Total Length	m	1000			1000			1000		
	Maximum Actual Length	m	165			165			165		
Piping Connections - Systems	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Discharge	inch (mm)	1 3/8 (34.9)			1 3/8 (34.9)			1 3/8 (34.9)		
	Gas	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			625 ~ 1625			650 ~ 1690			675 ~ 1755		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£48,562.00**			**£50,306.00**			**£52,050.00**		

R-410A

BS-Q-A

VRV IV+ Branch Selector Boxes – Heat Recovery

The VRV IV+ Heat Recovery series has a range of BS boxes, designed to offer unrivalled flexibility, enabling you to install and adapt the systems in as little time, effort and cost as possible.

Main features:

- Unlimited unused ports
- Smaller, lighter and quieter than comparable products
- Fan coils up to 140 class can be attached to a single port

All VRV IV+ Heat Recovery, VRV III-Q replacement and Water Cooled VRV (RWEYQ-T9) now use VRV IV+ Multi Boxes.



BS1Q10,16,25A



BS4Q14A



BS6,8Q14A



BS10,12Q14A



BS16Q14A

Single Boxes for VRV IV+ Heat Recovery (REYQ-U / RWEYQ-T9 / RQEQ-P3)			Single Boxes		
			BS1Q10A	BS1Q16A	BS1Q25A
Dimensions	H x W x D	mm	207 x 388 x 326	207 x 388 x 326	207 x 388 x 326
Weight		kg	12	12	15
Total Indoor Capacity			15 ~ 100	101 ~ 160	161 ~ 250
Number of Fan Coil Units			6	8	8
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Power Input	kW	0.005	0.005	0.005
	Fuse Rating	amps	5	5	5
Piping Limits	Level Difference	m	See data book		
	Maximum Length	m	See data book		
Piping Connections Indoor	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	7/8 (22.2)
Piping Connections Outdoor	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Suction	inch (mm)	5/8 (15.9)	5/8 (15.9)	7/8 (22.2)
	Discharge	inch (mm)	1/2 (12.7)	1/2 (12.7)	3/4 (19.1)
Trade Accessory Price			**£560.00**	**£614.00**	**£705.00**

Multi Boxes for VRV IV+ Heat Recovery (REYQ-U / RWEYQ-T9 / RQEQ-P3)			Multi Boxes					
			BS4Q14AV1B	BS6Q14AV1B	BS8Q14AV1B	BS10Q14AV1B	BS12Q14AV1B	BS16Q14AV1B
Dimensions	H x W x D	mm	298 x 370 x 430	298 x 580 x 430	298 x 580 x 430	298 x 820 x 430	298 x 820 x 430	298 x 1060 x 430
Weight		kg	17	24	26	35	38	50
Branches per box			4	6	8	10	12	16
Capacity index of each branch			140 or less	140 or less	140 or less	140 or less	140 or less	140 or less
Number of Fan Coil Units per branch			5 per branch	5 per branch	5 per branch	5 per branch	5 per branch	5 per branch
Total Indoor Capacity Index			400 or less	600 or less	750 or less	750 or less	750 or less	750 or less
Total number of Fan Coil units per box			20	30	40	50	60	64
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Power Input	kW	0.043	0.064	0.086	0.107	0.129	0.172
	Fuse Rating	amps	5	5	5	5	5	5
Piping Limits	Level Difference	m	See data Book					
	Maximum Length	m	See data Book					
Piping Connections Indoor	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Piping Connections Outdoor	Liquid	inch (mm)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)
	Suction	inch (mm)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 3/8 (34.9)
	Discharge	inch (mm)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)
Trade Accessory Price			**£2,552.00**	**£3,493.00**	**£4,596.00**	**£5,522.00**	**£6,767.00**	**£8,238.00**

Accessories:

Accessory Ref	Description	Trade Price
KHRP26A250T	Junction pipe kit to link two Multi BS ports to connect 20 and 25kW fan coils	**£463.00**
KHFP26M224	Stop valve kit for multi BS box future expansion without refrigerant recovery	**£151.00**
KHFP26A100C	Pipe closing kit for unused ports	**£73.00**
EKBSVQLNP	Sound reduction kit for single BS box	**£134.00**
KDDN26A4	Sound reduction kit for 4 ports BS box	**£1,952.00**
KDDN26A8	Sound reduction kit for 6-8 ports BS box	**£2,306.00**
KDDN26A12	Sound reduction kit for 10-12 ports BS box	**£2,656.00**
KDDN26A16	Sound reduction kit for 16 ports BS box	**£3,010.00**

VRV IV+ Branch Selector Boxes with Pre-fitted Valves



One of the main benefits of the Daikin VRV multi BS boxes is the flexibility they offer when changing the layout of the system to cater for the changing tenant needs on a building.

To further increase the flexibility of the BS boxes, we now offer the full range of multi BS boxes with **pre-fitted valves.** Having valves pre-installed on the boxes can save considerable time and effort on site.

Pre-installed valves allow:

- Indoor units to be added without altering system pipework
- New units can be added without having to remove refrigerant from the rest of the system
  - Avoid having to pump down / vac out / recharge the whole system
  - Saves many hours when altering systems

Note: Providing index is not increased above the next pipework threshold or the BS box index limit.

Model No		UK.BS4Q14AV1/FSV	UK.BS6Q14AV1/FSV	UK.BS8Q14AV1/FSV	UK.BS10Q14AV1/FSV	UK.BS12Q14AV1/FSV	UK.BS16Q14AV1/FSV
No. of Ports		4	6	8	10	12	16
Original Depth	mm	430	430	430	430	430	430
Original Weight	kg	17	24	26	35	38	50
Weight with Valves*	kg	22	31	34	45	49	64
BS Box Price		**£2,552.00**	**£3,493.00**	**£4,596.00**	**£5,522.00**	**£6,767.00**	**£8,238.00**
Valve Modification Price**		**£449.00**	**£626.00**	**£806.00**	**£989.00**	**£1,155.00**	**£1,456.00**

* Approx
** Not subject to standard trade discount

R-410A

RYYQ-U

Heat Pump VRV IV+

Three revolutionary features:

1. Variable Refrigerant Temperature

Customise your VRV for best seasonal efficiency and comfort:

- Revolutionary variable refrigerant temperature control automatically adapts the system to individual building and climate requirements for greater efficiency and comfort
- Continuously adjusts refrigerant temperature to the actual temperature and capacity required
- Default mode optimised by Daikin for UK conditions with maximum efficiency and comfort
- Delivers annual cost savings of up to 28%

2. Continuous heating during defrost

The new standard in heating comfort:

- Unique continuous heating technology makes VRV IV+ Heat Pump the best alternative to traditional heating systems
- Delivers uninterrupted heat, even during the defrost cycle
- Maintains comfortable indoor climate at all times

3. VRV configurator

Advanced software for simplified commissioning, servicing, configuration and customisation:

- Simplified commissioning: graphical interface to configure, commission and upload system settings
- Simplified servicing: additional 7-segment indicator for easy and quick access to basic functions and error read out
- Manage systems over multiple sites



R-410A

LOOP BY DAIKIN

RYYQ-U (up to 20 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ8U	RYYQ10U	RYYQ12U	RYYQ14U	RYYQ16U	RYYQ18U	RYYQ20U
Capacity	Nominal Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0
	Nominal Heating	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	252	252	252	319	319	378	378
Air Flow Rate		m^3/sec	2.700	2.917	3.083	3.717	4.333	4.183	4.350
External Static Pressure	High	Pa	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.4	11.5	14.2	17.2	20.6	23.4	29.5
	Starting Current	amps	4	4	4	4	4	4	4
	Fuse Rating	amps	20	25	32	32	40	40	50
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Refrigerant Charge	kg	5.9	6.0	6.3	10.3	10.4	11.7	11.8
	Additional Charge	kg	See data book						
Sound Pressure		dBA	57.0	57.0	61.0	60.0	63.0	62.0	65.0
Sound Power		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Piping Limits	Maximum Length	m	165	165	165	165	165	165	165
	Maximum Vertical Rise	m	See data book						
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
	Gas	inch (mm)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)
Capacity Index Limit			100~260	125~325	150~390	175~455	200~520	225~585	250~650
Maximum Number of Connected Indoor Units			64	64	64	64	64	64	64
Trade Condensing Unit Price			**£7,686.00**	**£8,401.00**	**£10,285.00**	**£11,998.00**	**£13,847.00**	**£15,428.00**	**£16,969.00**

R-410A

LOOP BY DAIKIN

RYYQ-U (22 to 24 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ22U		RYYQ24U	
			RYMQ10U	RYMQ12U	RYMQ8U	RYMQ16U
Capacity	Nominal Cooling	kW	61.5		67.4	
	Nominal Heating	kW	69.0		75.0	
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765
Weight		kg	198	198	198	275
Air Flow Rate		m^3/sec	2.917	3.083	2.700	4.333
External Static Pressure	High	Pa	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	11.5	14.2	8.4	20.6
	Starting Current	amps	4	4	4	4
	Fuse Rating	amps	25	32	20	40
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A
	Refrigerant Charge	kg	6.0	6.3	5.9	11.3
	Additional Charge	kg	See data book			
Sound Pressure		dBA	57.0	61.0	57.0	63.0
Sound Power		dBA	79.1	83.4	78.0	85.6
Piping Limits	Maximum Length	m	165		165	
	Maximum Vertical Rise	m	See data book			
Piping Connections	Liquid	inch (mm)	5/8 (15.9)		5/8 (15.9)	
	Gas	inch (mm)	1 1/8 (28.6)		1 3/8 (34.9)	
Capacity Index Limit			275~715		300~780	
Maximum Number of Connected Indoor Units			64		64	
Trade Condensing Unit Price			**£18,686.00**		**£21,533.00**	

R-410A

LOOP BY DAIKIN

RYYQ-U (26 to 34 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ26U		RYYQ28U		RYYQ30U		RYYQ32U		RYYQ34U	
			RYMQ12U	RYMQ14U	RYMQ12U	RYMQ16U	RYMQ12U	RYMQ18U	RYMQ16U	RYMQ16U	RYMQ16U	RYMQ18U
Capacity	Nominal Cooling	kW	73.5		78.5		83.9		90.0		95.4	
	Nominal Heating	kW	82.5		87.5		94.0		100.0		106.5	
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	930	1240	930	1240	930	1240	1240	1240	1240	1240
	Depth	mm	765	765	765	765	765	765	765	765	765	765
Weight		kg	198	275	198	275	198	308	275	275	275	308
Air Flow Rate		m^3/sec	3.083	3.717	3.083	4.333	3.083	4.183	4.333	4.333	4.333	4.183
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	14.2	17.2	14.2	20.6	14.2	23.4	20.6	20.6	20.6	23.4
	Starting Current	amps	4	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	32	32	32	40	32	40	40	40	40	40
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Refrigerant Charge	kg	6.3	10.3	6.3	11.3	6.3	11.7	11.3	11.3	11.3	11.7
	Additional Charge	kg	See data book									
Sound Pressure		dBA	61.0	60.0	61.0	63.0	61.0	62.0	63.0	63.0	63.0	62.0
Sound Power		dBA	83.4	80.9	83.4	85.6	83.4	83.8	85.6	85.6	85.6	83.8
Piping Limits	Maximum Length	m	165	165	165	165	165	165	165	165	165	165
	Maximum Vertical Rise	m	See data book									
Piping Connections	Liquid	inch (mm)	3/4 (19.1)		3/4 (19.1)		3/4 (19.1)		3/4 (19.1)		3/4 (19.1)	
	Gas	inch (mm)	1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)	
Capacity Index Limit			325~845		350~910		375~975		400~1040		425~1105	
Maximum Number of Connected Indoor Units			64		64		64		64		64	
Trade Condensing Unit Price			**£22,283.00**		**£24,132.00**		**£25,713.00**		**£27,694.00**		**£29,275.00**	

R-410A

LOOP BY DAIKIN

RYYQ-U (36 to 42 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ36U		RYYQ38U			RYYQ40U			RYYQ42U		
			RYMQ16U	RYMQ20U	RYMQ8U	RYMQ10U	RYMQ20U	RYMQ10U	RYMQ12U	RYMQ18U	RYMQ10U	RYMQ16U	RYMQ16U
Capacity	Nominal Cooling	kW	97.0		102.4			111.9			118.0		
	Nominal Heating	kW	113.0		119.5			125.5			131.5		
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	1240	1240	930	930	1240	930	930	1240	930	1240	1240
	Depth	mm	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	275	308	198	198	308	198	198	308	198	275	275
Air Flow Rate		m^3/sec	4.333	4.350	2.700	2.917	4.350	2.917	3.083	4.183	2.917	4.333	4.333
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	20.6	29.5	8.4	11.5	29.5	11.5	14.2	23.4	11.5	20.6	20.6
	Starting Current	amps	4	4	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	40	50	20	25	50	25	32	40	25	40	40
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	11.3	11.8	5.9	6.0	11.8	6.0	6.3	11.7	6.0	11.3	11.3
	Additional Charge	kg	See data book										
Sound Pressure		dBA	63.0	65.0	57.0	57.0	65.0	57.0	61.0	62.0	57.0	63.0	63.0
Sound Power		dBA	85.6	87.9	78.0	79.1	87.9	79.1	83.4	83.8	79.1	85.6	85.6
Piping Limits	Maximum Length	m	165		165			165			165		
	Maximum Vertical Rise	m	See data book										
Piping Connections	Liquid	inch (mm)	3/4 (19.1)		3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Gas	inch (mm)	1 5/8 (41.3)		1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			450~1170		475~1235			500~1300			525~1365		
Maximum Number of Connected Indoor Units			64		64			64			64		
Trade Condensing Unit Price			**£30,816.00**		**£33,056.00**			**£34,114.00**			**£36,095.00**		

R-410A

LOOP BY DAIKIN

RYYQ-U (44 to 48 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ44U			RYYQ46U			RYYQ48U		
			RYMQ12U	RYMQ16U	RYMQ16U	RYMQ14U	RYMQ16U	RYMQ16U	RYMQ16U	RYMQ16U	RYMQ16U
Capacity	Nominal Cooling	kW	123.5			130.0			135.0		
	Nominal Heating	kW	137.5			145.0			150.0		
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	930	1240	1240	1240	1240	1240	1240	1240	1240
	Depth	mm	765	765	765	765	765	765	765	765	765
Weight		kg	198	275	275	275	275	275	275	275	275
Air Flow Rate		m^3/sec	3.083	4.333	4.333	3.717	4.333	4.333	4.333	4.333	4.333
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	14.2	20.6	20.6	17.2	20.6	20.6	20.6	20.6	20.6
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	32	40	40	32	40	40	40	40	40
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	6.3	11.3	11.3	10.3	11.3	11.3	11.3	11.3	11.3
	Additional Charge	kg	See data book								
Sound Pressure		dBA	61.0	63.0	63.0	60.0	63.0	63.0	63.0	63.0	63.0
Sound Power		dBA	83.4	85.6	85.6	80.9	85.6	85.6	85.6	85.6	85.6
Piping Limits	Maximum Length	m	165			165			165		
	Maximum Vertical Rise	m	See data book								
Piping Connections	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Gas	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			550~1430			575~1495			600~1560		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£37,979.00**			**£39,692.00**			**£41,541.00**		

R-410A

LOOP BY DAIKIN

RYYQ-U (50 to 54 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ50U			RYYQ52U			RYYQ54U		
			RYMQ16U	RYMQ16U	RYMQ18U	RYMQ16U	RYMQ18U	RYMQ18U	RYMQ18U	RYMQ18U	RYMQ18U
Capacity	Nominal Cooling	kW	140.4			145.8			151.2		
	Nominal Heating	kW	156.5			163.0			169.5		
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	1240	1240	1240	1240	1240	1240	1240	1240	1240
	Depth	mm	765	765	765	765	765	765	765	765	765
Weight		kg	291	291	308	291	308	308	308	308	308
Air Flow Rate		m^3/sec	4.333	4.333	4.183	4.333	4.183	4.183	4.183	4.183	4.183
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	20.6	20.6	23.4	20.6	23.4	23.4	23.4	23.4	23.4
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	40	40	40	40	40	40	40	40	40
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	11.3	11.3	11.7	11.3	11.7	11.7	11.7	11.7	11.7
	Additional Charge	kg	See data book								
Sound Pressure		dBA	63.0	63.0	62.0	63.0	62.0	62.0	62.0	62.0	62.0
Sound Power		dBA	85.6	85.6	83.8	85.6	83.8	83.8	83.8	83.8	83.8
Piping Limits	Maximum Length	m	165			165			165		
	Maximum Vertical Rise	m	See data book								
Piping Connections	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Gas	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			625~1625			650~1690			675~1755		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£43,122.00**			**£44,703.00**			**£46,284.00**		

R-410A

LOOP BY DAIKIN

RXYQ-U (8 to 20hp)

VRV IV+ Heat Pump non Continuous Heating



Outdoor Units			RXYQ8U	RXYQ10U	RXYQ12U	RXYQ14U	RXYQ16U	RXYQ18U	RXYQ20U
Capacity	Nominal Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Nominal Heating	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	198	198	198	275	275	308	308
Air Flow Rate		m^3/sec	2.700	2.917	3.083	3.717	4.333	4.183	4.350
External Static Pressure	High	Pa	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.4	11.5	14.2	17.2	20.6	23.4	29.5
	Starting Current	amps	4	4	4	4	4	4	4
	Fuse Rating	amps	20	25	32	32	40	40	50
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Refrigerant Charge	kg	5.9	6.0	6.3	10.3	11.3	11.7	11.8
	Additional Charge	kg	See data book						
Sound Pressure		dBA	57.0	57.0	61.0	60.0	63.0	62.0	65.0
Sound Power		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Piping Limits	Maximum Length	m	165	165	165	165	165	165	165
	Maximum Vertical Rise	m	See data book						
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
	Gas	inch (mm)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)
Capacity Index Limit			100~260	125~325	150~390	175~455	200~520	225~585	250~650
Maximum Number of Connected Indoor Units			64	64	64	64	64	64	64
Trade Condensing Unit Price			**£7,305.00**	**£7,978.00**	**£9,771.00**	**£11,425.00**	**£13,155.00**	**£14,656.00**	**£16,120.00**

R-410A

Low Height compact 4, 5 & 6 hp
1 Phase

Standard 4, 5 & 6 hp
1 Phase and 3 Phase

Large Capacity 8, 10 & 12 hp
3 Phase

VRV IV S Series

VRV IV S-series



Now with:

- Variable Refrigerant Temperature
- AHU connection
- Air curtain connection



Variable Refrigerant Temperature



R-410A

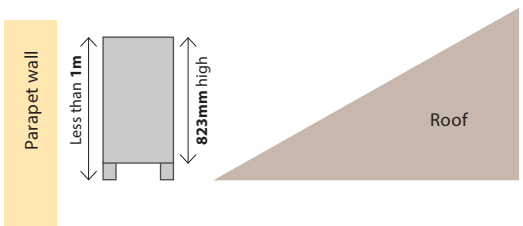
VRV IV S-series – RXYSCQ-T

Low Height Compact Mini VRV



Features:

- New low height Mini VRV, making complying with planning restrictions in towns and cities easier
- Compact – only 823mm high
- Lightweight – for simple installation
- Variable Refrigerant temperature – enhanced efficiency
- In addition to VRV fan coils, low height Mini VRV is connectable to:
  - Air Handling Units and Biddle Air Curtains
  - Single phase



Accessory Ref	Description	Trade Price
KHRQ22M20T	R-410A 2 Pipe refnet joint	£41.00

Outdoor Units			RXYSCQ4TV1	RXYSCQ5TV1	RXYSCQ6TV1
Capacity	Nominal Cooling	kW	12.1	14.0	15.5
	Nominal Heating	kW	12.1	14.0	15.5
ηs,c	Seasonal Efficiency Cooling	%	322.8	303.4	281.3
ηs,h	Seasonal Efficiency Heating	%	182.3	185.1	186
Dimensions	Height x Width x Depth	mm	823 x 940 x 460	823 x 940 x 460	823 x 940 x 460
Weight		kg	89	89	89
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A
Sound Pressure (Nom)	Cooling	dBA	51.0	52.0	53.00
Sound Power (Nom)	Cooling	dBA	68.0	69.0	70.00
Maximum No of Connectable Units			8	10	13
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Running Current	amps	19.0	19.0	23.2
	Fuse Rating	amps	32	32	32
Piping Limits	Total Piping length	m	300	300	300
	Maximum Length	m	70 (90 equivalent)	70 (90 equivalent)	70 (90 equivalent)
	Maximum Vertical Rise	m	30	30	30
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	3/4 (19)
Capacity Index Limit			50~130	62.5~162.5	70~182
Trade Condensing Unit Price			**£4,007.00**	**£4,504.00**	**£5,027.00**

Daikin's range of Split Indoor Units			BPMKS967A2	BPMKS967A3
Dimensions	Height x Width x Depth	mm	180 x 650 x 350	180 x 650 x 350
Weight		kg	7.5	8.0
Total Indoor Capacity		kW	14.2	20.8
Connectable Units			2	3
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230
	Power Input	kW	0.01	0.01
Piping Limits	Maximum Total - outdoor to BPMK box		55	55
	Distance from BPMK to indoor		15	15
Piping Connections Indoor	Liquid	Inches (mm)	2 x 1/4 (6.4)	3 x 1/4 (6.4)
	Gas	Inches (mm)	2 x 5/8 (15.9)	3 x 5/8 (15.9)
Piping Connections Outdoor	Liquid	Inches (mm)	1 x 3/8 (9.5)	1 x 3/8 (9.5)
	Gas	Inches (mm)	1 x 3/4 (19.0)	1 x 3/4 (19.0)
Trade List Price			**£589.00**	**£629.00**

Split Units Compatible with VRV			VRV IV (-T series) VRV IV+ (-U series) VRV IV-W+ (-T9 series) Heat Pump	VRV IV-S (-T series) Mini VRV
Split Indoor Units	Emura 3	FTXJ-A(W/S/B)	●	●
	Stylish	CTXA15(CW/CB/CS)		
		FTXA(CW/CB/CS)	●	●
	Perfera Wall Mounted	CTXM15A		●
		FTXM-A	●	●
	Floor Mounted	FVXM-A9	***	***

For split accessories refer to the individual product pages
***Please contact your sales representative for full info on compatibility

R-410A

LOOP BY DAIKIN

VRV IV S-series – RXYSQ-T

Standard Mini VRV



Outdoor Units			RXYSQ4TV9	RXYSQ5TV9	RXYSQ6TV9	RXYSQ4TY9	RXYSQ5TY9	RXYSQ6TY9
Capacity	Nominal Cooling	kW	12.1	14.0	15.5	12.1	14.0	15.5
	Nominal Heating	kW	12.1	14.0	15.5	12.1	14.0	15.5
ηs,c	Seasonal Efficiency Cooling	%	278.90	270.10	278.00	269.20	260.50	268.30
ηs,h	Seasonal Efficiency Heating	%	171.60	182.90	192.80	154.40	164.50	174.10
Dimensions	Height x Width x Depth	mm	1345 x 900 x 320	1345 x 900 x 320	1345 x 900 x 320	1345 x 900 x 320	1345 x 900 x 320	1345 x 900 x 320
Weight		kg	104	104	104	104	104	104
Air Flow Rate		m^3/sec	1.767	1.767	1.767	1.767	1.767	1.767
Electrical Details	Power Supply	Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	14.6	17.9	21.8	5.04	6.15	7.44
	Starting Current	amps	4	4	4	4	4	4
	Fuse Rating	amps	32	32	32	16	16	16
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Sound Pressure (Nom)		dBA	50.0	51.0	51.0	50.0	51.0	51.0
Sound Power (Nom)		dBA	68.0	69.0	70.0	68.0	69.0	70.0
Piping Limits	Maximum Length	m	300	300	300	300	300	300
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inch (mm)	5/8 (15.9)	5/8 (15.9)	3/4 (19)	5/8 (15.9)	5/8 (15.9)	3/4 (19)
Capacity Index Limit			50 - 130	62.5 - 162.5	70 -182	50 - 130	62.5 - 162.5	70 -182
Maximum Number of Connected Indoor Units			8	10	12	8	10	12
Trade Condensing Unit Price			**£4,897.00**	**£5,504.00**	**£6,144.00**	**£4,990.00**	**£5,656.00**	**£6,283.00**

R-410A

VRV IV S-series – RXYSQ-T

High Capacity Mini VRV



Features:

- High capacity up to 33.5kW nominal cooling
- Horizontal blow casing
- Variable Refrigerant Temperature
- Connection to stylish split fan coils
- Compact installation – reduction in floor space
- Available in 8, 10 & 12 hp

Outdoor Units			RXYSQ8TY1	RXYSQ10TY1	RXYSQ12TY1
Capacity	Nominal Cooling	kW	22.4	28.0	33.5
	Nominal Heating	kW	22.4	28.0	33.5
ηs,c	Seasonal Efficiency Cooling	%	247.30	247.40	256.50
ηs,h	Seasonal Efficiency Heating	%	165.80	162.40	169.60
Dimensions	Height x Width x Depth	mm	1430 x 940x320	1615 x 940 x 460	1615 x 940 x 460
Weight		kg	144	175	180
Air Flow Rate		m^3/sec	2.333	3.033	3.033
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	11.0	12.1	15.0
	Starting Current	amps	4	4	4
	Fuse Rating	amps	25	25	32
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A
Sound Pressure (Nom)		dBA	55.0	55.0	57.0
Sound Power (Nom)		dBA	73.0	74.0	76.0
Piping Limits	Maximum Length	m	300	300	300
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)
	Gas	inch (mm)	3/4 (19)	7/8 (22.2)	1 1/8 (28.6)
Capacity Index Limit			100 - 260	125 - 325	150 - 390
Maximum Number of Connected Indoor Units			17	21	26
Trade Condensing Unit Price			**£7,390.00**	**£8,075.00**	**£9,889.00**

R-410A

LOOP BY DAIKIN

VRV IV i-series – SB.RKXYQ-T

VRV IV Condensing Unit for indoor installation

The VRV IV i-series is a truly unique solution for installations where you want a completely invisible finish. The system is installed entirely indoors with only the grilles visible. This makes it ideal for urban environments, where space and planning restrictions are especially challenging.

A cost-effective solution

Even when it is possible to install an outdoor unit, there are situations when an indoor installation offers a better solution, such as in areas with a mixture of commercial and residential use.

With the VRV IV i-series, the units are effectively invisible because they are installed indoors. Thanks to their low operating sound, they are highly suited to densely populated areas such as city centres. The dedicated modes reduce sound further to comply with inner-city noise regulations, **so there is no need for costly sound insulation.**

There is also no need to use a crane for installation on the roof or back of the property as the unit comes in two parts, making the VRV IV i-series easier and more cost-effective to install.

The VRV IV i-series offers:

- A unique VRV indoor solution: the 'outdoor' air conditioning unit can now be fitted indoors
- Connection with up to ten indoor units
- Seamless integration into surrounding architecture
- Total flexibility for any shop location and building type
- Easy compliance with planning regulations: the best solution for urban locations
- A total solution when combined with ventilation units and Biddle air curtains





RDXYQ-T

RKXYQ-T

VRV IV i-series

Total Piping length possibilities RKXYQ5		
(a) =HM <> CM	(b) = CM <> IU	(c) = (a) + (b)
5	135	**140**
10	125	**135**
15	115	**130**
20	105	**125**
25	95	**120**
30	85	**115**

HM: Heat Exchanger Module
CM: Compressor Module

R-410A

LOOP BY DAIKIN

VRV IV i-series – SB.RKXYQ-T

VRV IV Condensing Unit for indoor installation

Unique split unit for indoor installation

Compact and easy to hide, the compressor can be installed at floor level, in a back office, storage room, technical area or kitchen, while the heat exchanger can be installed in a false ceiling space. This means that the air conditioning system is completely invisible and does not take up expensive commercial floor space.

Installation flexibility

- Unrivalled flexibility because the unit is split into two elements: the heat exchanger and the compressor
- Lightweight units reduce installation time and effort, making it easy for just two people to transport and install
- Shorter pipe runs between the indoor units reduces installation costs
- Easy serviceability: all components can be easily reached

Superior efficiencies

- Variable Refrigerant Temperature for best seasonal efficiency and comfort
- Patented V-shape heat exchanger for the most compact unit (400 mm high)
- Super-efficient centrifugal fans (85% more efficient than equivalent sirocco fan)
- Inverter fan can be easily adjusted to the length of ductwork
- Optimised shape for higher air flow and static pressure, resulting in much higher efficiencies when compared with standard outdoor units installed indoors

Compact compressor unit

- Small footprint maximising usable floor space (600 x 554 mm)
- Can easily be mounted in a storage room or back office
- Rotating switchbox for easy maintenance

Total system			**SB.RKXYQ**	**5T8**	**8T**
Capacity range			HP	5	8
Cooling capacity (nom)		Nom.	kW	14.0	22.4
Heating capacity (nom) / Heating capacity (max)				14.0/16.0	22.4 / 25.0
ηs,c	Seasonal Efficiency Cooling		%	200.10	149.30
ηs,h	Seasonal Efficiency Heating		%	191.10	140.90
Maximum number of connectable indoor units				10	17
Indoor index connection	Min. / Nom. / Max.			62.5 / 125 / 162.5	100 / 200 / 260
Operation range - outdoor air temperature	Cooling	Min.~Max.	°CDB	-5.0 ~ 46.0	-5.0 ~ 46.0
	Heating	Min.~Max.	°CWB	-20.0 ~ 15.5	-20.0 ~ 15.5
	Temperature around casing			5.0 ~ 35.0	5.0 ~ 35.0
Refrigerant	Type			R-410A	R-410A
Piping connections between compressor module (CM) and heat exchanger module (HM)	Liquid	OD	inch (mm)	1/2 (12.7)	1/2 (12.7)
	Gas	OD	inch (mm)	3/4 (19.1)	7/8 (22.2)
	Maximum length		m	30	30
	Max height difference - CM below HM		m	10	10
	Max height difference - CM above HM		m	10	10
Piping connections between compressor module (CM) and indoor units (IU)	Liquid		inch (mm)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	5/8 (15.9)	3/4 (19.1)
	Max total piping length (incl. piping to HM)		m	140	300
	Max length to last IU		m	70 (90 equivalent)	70 (90 equivalent)
	Max height difference - CM below IU		m	30	30
	Max height difference - CM above IU		m	30	30
	Max height difference - IU - IU		m	15	15
Trading Condensing Unit Price				**£7,743.00**	**£11,276.00**

Heat exchanger module		**RDXYQ**	**5T8**	**8T**
Dimensions	Height x Width x Depth	mm	397 x 1456 x 1044	397 x 1456 x 1044
Weight		kg	95	103
Ducting	Suction size	mm	1200 x 300	1200 x 300
	Discharge size	mm	1200 x 300	1200 x 300
	Max ESP	Pa	60 / 150	60 / 150
	Nom. air flow	m^3/sec	0.917	1.667
Sound pressure level (Cooling)	Nom	dBa	47.0	54.0
Sound Power level (Cooling)	Nom	dBa	77.0	81.0
Drain pipe	OD	mm	32 (VP25)	32 (VP25)
Power supply	Phase / Frequence / Voltage		1~ / 50 Hz / 220-240V	1~ / 50 Hz / 220-240V
Current 50 Hz	Maximum Fuse Amps (MFA)		10	10
Trading Condensing Unit Price			**£3,329.00**	**£4,849.00**

Compressor module		**RKXYQ**	**5T8**	**8T**
Dimensions	Height x Width x Depth	mm	701 x 600 x 554	701 x 760 x 554
Weight		kg	79	105
Refrigerant charge		kg	2.0	4.0
Sound pressure level	Nom	dBa	47.0	48.0
Sound power level (cooling)	Nom	dBa	60.0	64.0
Power supply	Phase / Frequence / Voltage		3~ / 50 Hz / 380-415V	3~ / 50 Hz / 380-415V
Current 50 Hz	Maximum Fuse Amps (MFA)		16	20
	Nominal running current (RLA)		5.8	8.6
Trading Condensing Unit Price			**£4,414.00**	**£6,427.00**

R-410A

RXYQQ-U / RQEQ-P3

Replacement VRV-Q

Now it's possible to connect VRV IV BS boxes, including the small, light Multi BS boxes designed to offer the largest and most flexible range of design and installation options available.

Optimise your business

Tackle more projects in less time:
Due to faster installation. VRV-Q is more cost-effective than replacing the full system with new piping.

Lower installation costs:
Offer customers the overall lowest cost solution and improve your competitive edge.

Easy as one-two-three:
A simple solution: Daikin VRV-Q enables you to handle more projects for more customers in less time and offer them the best price! Everybody wins.

Compare installation steps

Conventional solution	VRV-Q
1 Recover refrigerant	1 Recover refrigerant
2 Remove units	2 Remove units
3 Remove refrigerant pipes	**Re-use existing piping and wiring**
4 Install new piping/wiring	
5 Install new units	3 Install new units
6 Leak test	4 Leak test
7 Vacuum drying	5 Vacuum drying
8 Refrigerant charging	6 Automatic refrigerant charging, cleaning and testing
9 Collect contamination	
10 Test operation	

Up to 45% shorter installation time

The Daikin low-cost upgrade solution

✔ **Reuse drain pipes**
Durable PVC pipes can be easily reused. Only flow tests are required.

✔ **Reuse refrigerant pipes**
Pipes used for R-22 will also work with VRV-Q, thanks to lower operating pressures of the system.

✔ **Reuse refrigerant branch pipes**
There are no restrictions when upgrading from a Daikin VRV system. Other VRF systems require branch pipes to withstand pressure up to 3.3 MPa.

! **Replace indoor units and BS boxes**
Contact your local dealer to check compatibility in case you need to keep the indoor units.

✔ **Reuse remote control wiring**
Reuse wiring when upgrading from a Daikin VRV system. In other cases, this will depend on the cable type.

✔ **Reuse indoor-outdoor wiring**
Restrictions: see remote control wiring.

! **Replace outdoor units**

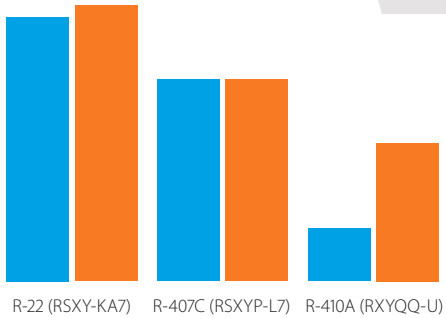
Customer benefits

Always operational

Avoid loss of business
Replacing now prevents unplanned, lengthy disruption of air conditioning systems. It also avoids loss of business for shops, complaints from guests in hotels, lower working efficiency and loss of tenants in offices.

Quick and easy installation
No interruption of daily business while replacing the system, thanks to phased-in, fast installation.

Lower long-term costs
Repairing systems with R-22 has been prohibited since 31 December 2014. Installing a technically advanced Replacement VRV-Q system reduces energy consumption and maintenance costs from day one.



Reduced energy consumption

Up to 40% energy saving

Comparison of 10hp systems:
- Cooling mode
- Heating mode

R-410A

Key guidelines for a quality replacement with VRV-Q

R-22 is a hydrochlorofluorocarbon (HCFC) that was commonly used in air conditioning systems. However, both new and recycled sources of R-22 are now banned.

Many systems today are still running on R-22. But as R-22 is no longer available, now is the time to replace R-22 systems. The good news is that Daikin's VRV-Q solution delivers significantly higher energy efficiencies, with the potential of saving up to 50%, compared with installing a completely new system.

Refrigerant branch pipes

Refrigerant branch pipes, including those from other manufacturers, Y-refnets, T-refnets and headers, can be reused under the following conditions:

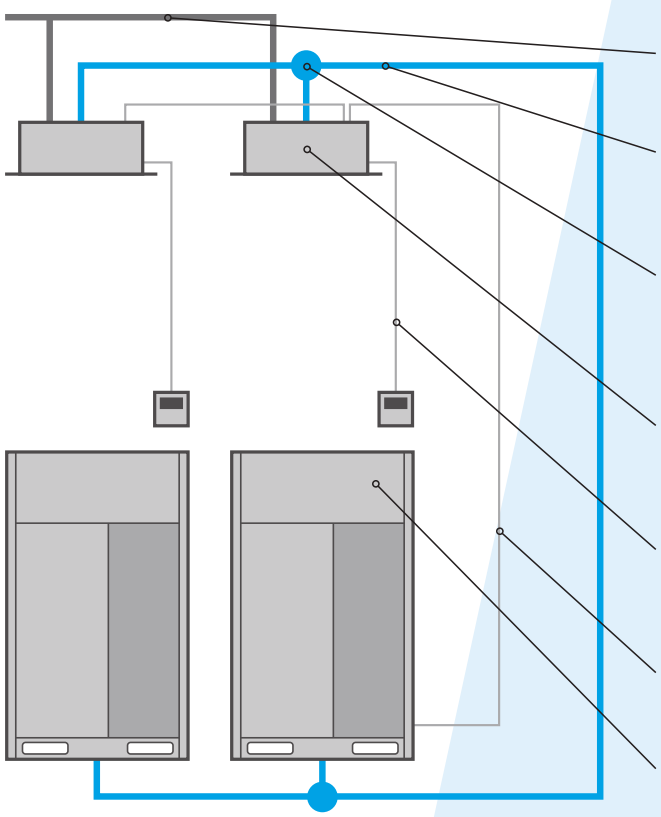
- ✓ Pipes are corrosion-free
- ✓ Pipes are insulated
- ✓ Pipes can withstand a pressure up to 3.3 MPa
- ✓ There are no special components that implement decompression (e.g. oil trap)
- ✓ Installed copper pipework is in suitable condition (piping thickness will generally meet specifications, since the unique Daikin VRV solution operates at lower pressure levels)

Refrigerant oil

Refrigerant piping can be reused if one of the following oils was used: Barrel Freeze, Ethereal, Ester, Ferreol, HAB, MS, Suniso.

Maximum piping lengths and level distances

VRV-Q can be installed for piping systems with a total length up to 300m. See data book for further guidelines.



The Daikin low-cost upgrade solution

✔ Reuse drain pipes

Durable PVC pipes can be easily reused. Only flow tests are required.

✔ Reuse refrigerant pipes

Pipes used for R-22 will also work with VRV-Q, thanks to lower operating pressures of the system.

✔ Reuse refrigerant branch pipes

There are no restrictions when upgrading from a Daikin VRV system. Other VRF systems require branch pipes to withstand pressure up to 3.3 MPa.

! Replace indoor units and BS boxes

Contact your local dealer to check compatibility in case you need to keep the indoor units.

✔ Reuse remote control wiring

Reuse wiring when upgrading from a Daikin VRV system. In other cases, this will depend on the cable type.

✔ Reuse indoor-outdoor wiring

Restrictions: see remote control wiring.

! Replace outdoor units

R-410A

LOOP BY DAIKIN

RXYQQ-U (up to 20 hp)

VRV IV-Q Condensing Unit Heat Pump



Outdoor Units			RXYQQ8U	RXYQQ10U	RXYQQ12U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ20U
Capacity	Nominal Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0
	Nominal Heating	kW	25.0	31.5	37.5	45.0	50.0	56.0	63.0
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685
	Width	mm	930	930	930	1240	1240	1240	1240
	Depth	mm	765	765	765	765	765	765	765
Weight		kg	198	198	198	275	275	308	308
Air Flow Rate		m^3/sec	2.700	2.917	3.083	3.717	3.883	4.183	4.350
External Static Pressure	High	Pa	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.4	11.5	14.2	17.2	20.6	23.4	29.5
	Starting Current	amps	4	4	4	4	4	4	4
	Fuse Rating	amps	20	25	32	32	40	40	50
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Refrigerant Charge	kg	5.9	6.0	6.3	10.3	11.3	11.7	11.8
	Additional Charge	kg	See data book						
Sound Pressure	Nom	dBA	57.0	57.0	61.0	60.0	63.0	62.0	65.0
Sound Power	Nom	dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Piping Limits	Maximum Length	m	120	120	120	120	120	120	120
	Maximum Vertical Rise	m	50	50	50	50	50	50	50
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
	Gas	inch (mm)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)
Capacity Index Limit			100~260	125~325	150~390	175~455	200~520	225~585	250~650
Maximum Number of Connected Indoor Units			64	64	64	64	64	64	64
Trade Condensing Unit Price			**£8,592.00**	**£9,390.00**	**£10,889.00**	**£12,706.00**	**£14,661.00**	**£17,198.00**	**£18,884.00**

Please see pages 164-166 regarding VRV-Q warranty, and contact your local sales office for more information on VRV-Q installation.

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LOOP BY DAIKIN

RXYQQ-U (22 to 28 hp)

VRV IV-Q Condensing Unit Heat Pump



Outdoor Units			RXYQQ22U		RXYQQ24U		RXYQQ26U		RXYQQ28U	
			RXYQQ10U	RXYQQ12U	RXYQQ8U	RXYQQ16U	RXYQQ12U	RXYQQ14U	RXYQQ12U	RXYQQ16U
Capacity	Nominal Cooling	kW	61.5		67.4		73.5		78.5	
	Nominal Heating	kW	69.0		75.0		82.5		87.5	
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	930	930	930	1240	930	1240	930	1240
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	198	198	198	275	198	275	198	275
Air Flow Rate		m^3/sec	2.917	3.083	2.100	3.883	3.083	3.717	3.083	3.883
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	11.5	14.2	8.4	20.6	14.2	17.2	14.2	20.6
	Starting Current	amps	4	4	4	4	4	4	4	4
	Fuse Rating	amps	25	32	20	40	32	32	32	40
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		R-410A		R-410A	
	Refrigerant Charge	kg	6.0	6.3	5.29	11.3	6.3	10.3	6.3	11.3
	Additional Charge	kg	See data book							
Sound Pressure	Nom	dBA	57.0	61.0	57.0	63.0	61.0	60.0	61.0	63.0
Sound Power	Nom	dBA	79.1	83.4	78.0	85.6	83.4	80.9	83.4	85.6
Piping Limits	Maximum Length	m	120		120		120		120	
	Maximum Vertical Rise	m	50		50		50		50	
Piping Connections	Liquid	inch (mm)	5/8 (15.9)		5/8 (15.9)		3/4 (19.1)		3/4 (19.1)	
	Gas	inch (mm)	1 1/8 (28.6)		1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)	
Capacity Index Limit			275~715		300~780		325~845		350~910	
Maximum Number of Connected Indoor Units			64		64		64		64	
Trade Condensing Unit Price			**£20,279.00**		**£23,253.00**		**£23,595.00**		**£25,550.00**	

Please see pages 164 - 166 regarding VRV-Q warranty, and contact your local sales office for more information on VRV-Q installation.

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LOOP BY DAIKIN

RXYQQ-U (30 to 36 hp)

VRV IV-Q Condensing Unit Heat Pump



Outdoor Units			RXYQQ30U		RXYQQ32U		RXYQQ34U		RXYQQ36U	
			RXYQQ12U	RXYQQ18U	RXYQQ16U	RXYQQ16U	RXYQQ16U	RXYQQ18U	RXYQQ16U	RXYQQ20U
Capacity	Nominal Cooling	kW	83.5		90.0		95.0		101.0	
	Nominal Heating	kW	93.5		100.0		106.0		113.0	
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	930	1240	1240	1240	1240	1240	1240	1240
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	198	308	275	275	275	308	275	308
Air Flow Rate		m^3/sec	3.083	4.183	3.883	3.883	3.883	4.183	3.883	4.350
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	14.2	23.4	20.6	20.6	20.6	23.4	20.6	29.5
	Starting Current	amps	4	4	4	4	4	4	4	4
	Fuse Rating	amps	32	40	40	40	40	40	40	50
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		R-410A		R-410A	
	Refrigerant Charge	kg	6.3	11.7	11.3	11.3	11.3	11.7	11.3	11.8
	Additional Charge	kg	See data book							
Sound Pressure	Nom	dBA	61.0	62.0	63.0	63.0	63.0	62.0	63.0	65.0
Sound Power	Nom	dBA	83.4	83.8	85.6	85.6	85.6	83.8	85.6	87.9
Piping Limits	Maximum Length	m	120		120		120		120	
	Maximum Vertical Rise	m	50		50		50		50	
Piping Connections	Liquid	inch (mm)	3/4 (19.1)		3/4 (19.1)		3/4 (19.1)		3/4 (19.1)	
	Gas	inch (mm)	1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)		1 5/8 (41.3)	
Capacity Index Limit			375~975		400~1040		425~1105		450~1170	
Maximum Number of Connected Indoor Units			64		64		64		64	
Trade Condensing Unit Price			**£28,087.00**		**£29,322.00**		**£31,859.00**		**£33,545.00**	

Please see pages 164 - 166 regarding VRV-Q warranty, and contact your local sales office for more information on VRV-Q installation.

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LOOP BY DAIKIN

RXYQQ-U (38 to 42 hp)

VRV IV-Q Condensing Unit Heat Pump



Outdoor Units			RXYQQ38U			RXYQQ40U			RXYQQ42U		
			RXYQQ8U	RXYQQ10U	RXYQQ20U	RXYQQ10U	RXYQQ12U	RXYQQ18U	RXYQQ10U	RXYQQ16U	RXYQQ16U
Capacity	Nominal Cooling	kW	106.4			111.5			118.0		
	Nominal Heating	kW	119.5			125.0			131.5		
Dimensions	Height	mm	1685	1685	1685	1685	1685	1685	1685	1685	1685
	Width	mm	930	930	1240	930	930	1240	930	1240	1240
	Depth	mm	765	765	765	765	765	765	765	765	765
Weight		kg	198	198	308	198	198	308	198	275	275
Air Flow Rate		m^3/sec	2.100	2.917	4.350	2.917	3.083	4.183	2.917	3.883	3.883
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415	3 / 50 / 380~415
	Running Current	amps	8.4	11.5	29.5	11.5	14.2	23.4	11.5	20.6	20.6
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	20	25	50	25	32	40	25	40	40
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	5.9	6.0	11.8	6.0	6.3	11.7	6.0	11.3	11.3
	Additional Charge	kg	See data book								
Sound Pressure	Nom	dBA	57.0	57.0	65.0	57.0	61.0	62.0	57.0	63.0	63.0
Sound Power	Nom	dBA	78.0	79.1	87.9	79.1	83.4	83.8	79.1	85.6	85.6
Piping Limits	Maximum Length	m	120			120			120		
	Maximum Vertical Rise	m	50			50			50		
Piping Connections	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Gas	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
Capacity Index Limit			475~1235			500~1300			525~1365		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£36,866.00**			**£37,477.00**			**£38,712.00**		

Please see pages 164 - 166 regarding VRV-Q warranty, and contact your local sales office for more information on VRV-Q installation.

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RQCEQ-P3 (28.0 to 45.0 kW)

VRV III-Q Condensing Unit Heat Recovery



Outdoor Units			RQCEQ280P3		RQCEQ460P3		
			RQEQ140P3	RQEQ140P3	RQEQ140P3	RQEQ140P3	RQEQ180P3
Capacity	Nominal Cooling	kW	28.0		45.0		
	Nominal Heating	kW	32.0		52.0		
Dimensions	Height	mm	1680	1680	1680	1680	1680
	Width	mm	635	635	635	635	635
	Depth	mm	765	765	765	765	765
Weight		kg	175	175	175	175	175
Air Flow Rate		m^3/sec	1.583	1.583	1.583	1.583	1.833
External Static Pressure	High	Pa	78	78	78	78	78
Electrical Details	Power Supply	Phase	3ph	3ph	3ph	3ph	3ph
		Hz	50	50	50	50	50
		V	380~415	380~415	380~415	380~415	380~415
	Running Current	amps	5.5	5.5	5.5	5.5	8.0
	Starting Current	amps	4	4	4	4	4
	Fuse Rating	amps	16	16	16	16	20
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		
	Refrigerant Charge	kg	10.3	10.3	10.3	10.3	10.6
	Additional Charge	kg	See data book				
Sound Pressure	Nom	dBA	54.0	54.0	54.0	54.0	58.0
Piping Limits	Maximum Length	m	120		120		
	Maximum Vertical Rise	m	50		50		
Piping Connections	Liquid	inch (mm)	3/8 (9.5)		1/2 (12.7)		
	Gas	inch (mm)	7/8 (22.2)		1 1/8 (28.6)		
	Discharge	inch (mm)	3/4 (19.1)		7/8 (22.2)		
Capacity Index Limit			140~325		230~520		
Maximum Number of Connected Indoor Units			21		34		
Trade Condensing Unit Price			**£11,124.00**		**£18,274.00**		

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RQCEQ-P3 (50.0 to 63.6 kW)

VRV III-Q Condensing Unit Heat Recovery



Outdoor Units			RQCEQ500P3			RQCEQ540P3		
			RQEQ140P3	RQEQ180P3	RQEQ180P3	RQEQ180P3	RQEQ180P3	RQEQ180P3
Capacity	Nominal Cooling	kW	50.0			54.0		
	Nominal Heating	kW	56.0			60.0		
Dimensions	Height	mm	1680	1680	1680	1680	1680	1680
	Width	mm	635	635	635	635	635	635
	Depth	mm	765	765	765	765	765	765
Weight		kg	175	175	175	175	175	175
Air Flow Rate		m^3/sec	1.583	1.833	1.833	1.833	1.833	1.833
External Static Pressure	High	Pa	78	78	78	78	78	78
Electrical Details	Power Supply	Phase	3ph	3ph	3ph	3ph	3ph	3ph
		Hz	50	50	50	50	50	50
		V	380~415	380~415	380~415	380~415	380~415	380~415
	Running Current	amps	5.5	8.0	8.0	8.0	8.0	8.0
	Starting Current	amps	4	4	4	4	4	4
	Fuse Rating	amps	16	20	20	20	20	20
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A		
	Refrigerant Charge	kg	10.3	10.6	10.6	10.6	10.6	10.6
	Additional Charge	kg	See data book					
Sound Pressure	Nom	dBA	54.0	58.0	58.0	58.0	58.0	58.0
Piping Limits	Maximum Length	m	120			120		
	Maximum Vertical Rise	m	50			50		
Piping Connections	Liquid	inch (mm)	5/8 (15.9)			5/8 (15.9)		
	Gas	inch (mm)	1 1/8 (28.6)			1 1/8 (28.6)		
	Discharge	inch (mm)	7/8 (22.2)			7/8 (22.2)		
Capacity Index Limit			250~585			270~650		
Maximum Number of Connected Indoor Units			39			43		
Trade Condensing Unit Price			**£19,862.00**			**£21,450.00**		

Please see pages 164 - 166 regarding VRV-Q warranty, and contact your local sales office for more information on VRV-Q installation.

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RQCEQ-P3 (71.2 to 74.4 kW)

VRV III-Q Condensing Unit Heat Recovery



Outdoor Units			RQCEQ712P3				RQCEQ744P3			
			RQEQ140P3	RQEQ180P3	RQEQ180P3	RQEQ212P3	RQEQ140P3	RQEQ180P3	RQEQ212P3	RQEQ212P3
Capacity	Nominal Cooling	kW	71.2				74.4			
	Nominal Heating	kW	78.4				80.8			
Dimensions	Height	mm	1680	1680	1680	1680	1680	1680	1680	1680
	Width	mm	635	635	635	635	635	635	635	635
	Depth	mm	765	765	765	765	765	765	765	765
Weight		kg	175	175	175	179	175	175	179	179
Air Flow Rate		m^3/sec	1.583	1.833	1.833	1.833	1.583	1.833	1.833	1.833
External Static Pressure	High	Pa	78	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph
		Hz	50	50	50	50	50	50	50	50
		V	350~415	350~415	350~415	350~415	350~415	350~415	350~415	350~415
	Running Current	amps	5.5	8.0	8.0	11.5	5.5	8.0	11.5	11.5
	Starting Current	amps	4	4	4	4	4	4	4	4
	Fuse Rating	amps	16	20	20	25	16	20	25	25
Refrigerant Circuit	Refrigerant Type		R-410A				R-410A			
	Refrigerant Charge	kg	10.3	10.6	10.6	11.2	10.3	10.6	11.2	11.2
	Additional Charge	kg	See data book							
Sound Pressure	Nom	dBA	54.0	58.0	58.0	60.0	54.0	58.0	60.0	60.0
Piping Limits	Maximum Length	m	120				120			
	Maximum Vertical Rise	m	50				50			
Piping Connections	Liquid	inch (mm)	5/8 (15.9)				3/4 (19.1)			
	Gas	inch (mm)	1 1/8 (28.6)				1 3/8 (34.9)			
	Discharge	inch (mm)	1 (25)				1 (25)			
Capacity Index Limit			356~780				372~845			
Maximum Number of Connected Indoor Units			52				56			
Trade Condensing Unit Price			**£28,291.00**				**£29,570.00**			

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RQCEQ-P3 (81.6 to 84.8 kW)

VRV III-Q Condensing Unit Heat Recovery



Outdoor Units			RQCEQ816P3			
			RQEQ180P3	RQEQ212P3	RQEQ212P3	RQEQ212P3
Capacity	Nominal Cooling	kW	81.6			
	Nominal Heating	kW	87.2			
Dimensions	Height	mm	1680	1680	1680	1680
	Width	mm	635	635	635	635
	Depth	mm	765	765	765	765
Weight		kg	175	179	179	179
Air Flow Rate		m^3/sec	1.833	1.833	1.833	1.833
External Static Pressure	High	Pa	78	78	78	78
Electrical Details	Power Supply	Phase	3ph	3ph	3ph	3ph
		Hz	50	50	50	50
		V	380~415	380~415	380~415	380~415
	Running Current	amps	8.0	11.5	11.5	11.5
	Starting Current	amps	4	4	4	4
	Fuse Rating	amps	20	25	25	25
Refrigerant Circuit	Refrigerant Type		R-410A			
	Refrigerant Charge	kg	10.6	11.2	11.2	11.2
	Additional Charge	kg	See data book			
Sound Pressure	Nom	dBA	58.0	60.0	60.0	60.0
Piping Limits	Maximum Length	m	120			
	Maximum Vertical Rise	m	50			
Piping Connections	Liquid	inch (mm)	3/4 (19.1)			
	Gas	inch (mm)	1 3/8 (34.9)			
	Discharge	inch (mm)	1 1/8 (28.6)			
Capacity Index Limit			408~910			
Maximum Number of Connected Indoor Units			60			
Trade Condensing Unit Price			**£32,437.00**			

Please see pages 164 - 166 regarding VRV-Q warranty, and contact your local sales office for more information on VRV-Q installation.

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VRV-Q Warranty

Warranty and site services

The warranty for VRV-Q systems operates under different conditions from our standard warranty. To ensure complete suitability of the existing site, a choice of optional warranty and special site services packages are available from Daikin Airconditioning UK Ltd. These choices will ensure the VRV-Q system is designed and commissioned to provide the client with complete 'peace of mind' operation.

The choices include:

a) Pre-order checks on the existing pipework and fan coils installed on the clients' site to ensure suitability for VRV-Q installation

b) Commissioning of the new VRV-Q installation to ensure correct and efficient operation

Warranty options for three or five years are available depending on the qualification criteria and the type of system being installed.

Commissioning Log Books should be available for inspection by Daikin Airconditioning UK Ltd if required.

The tables below provide an overview of the choices. For full details please contact your local sales office.



VRV-Q Warranty Choices

1. VRV-Q combined with new fan coil units

Warranty Package Level	For Site with New Fan Coils	
	non D1	D1/D1+
Condensing Unit Warranty Period	3 Years	5 Years
Fan Coil Unit Warranty Period	3 Years	5 Years
Site Pre-Order Inspection	By trained approved engineer (1) OR by Daikin Airconditioning UK Ltd (additional cost)	
Commissioning	By approved engineer (1) (subsequent projects) OR by Daikin Airconditioning UK Ltd (additional cost)	

2. VRV-Q combined with existing fan coil units

Warranty Package Level	For Site with Existing Fan Coils	
	non D1	D1/D1+
Condensing Unit Warranty Period	3 Years	5 Years
Existing Fan Coil Unit Warranty Period	0 Years	0 Years
Site Pre-Order Inspection	By trained approved engineer (1) (2) OR by Daikin Airconditioning UK Ltd (additional cost)	
Commissioning	By approved engineer (1) (subsequent projects) OR by Daikin Airconditioning UK Ltd (additional cost)	

Notes:

(1) Approved engineer to sign commissioning report and be able to identify DAUK official training programme attended, SE19 VRV-Q required
(2) Trained approved engineer to collect 2 hours of data per system from the service checker for assessment

Daikin Support Options	Cost	Code
Site pre-order inspection per system*	£487.00	UK.SFV/N/INSP
Site pre-inspection (existing fan coils) including 2 hour service checker analysis per system*	£487.00	UK.SFV/E/INSP
Daikin commissioning per system*	£929.00	UK.SFV/SYCOMM
Daikin full day commissioning assistance	£929.00	UK.SFV/FULLCOMM

*System is defined as a maximum of 3 connected condensers. All prices shown are Net. No further discount can be applied.



VRV-Q Warranty Detail

Approved engineer
An approved engineer is an engineer who:
1. Is suitably registered in accordance with F-gas regulations
2. Has successfully completed a Daikin Airconditioning UK Ltd VRV Air Cooled installation and commissioning course within the last 3 years
3. Has completed SE19 VRV-Q course in the past 3 years

Net price
Net price, exclusive of VAT and subject to our standard terms and conditions. No other discounts are applicable.
Prices shown for site pre-order inspection and commissioning are for work undertaken during normal working hours between 09:00 and 17:30. Any request for attendance to site out of these hours is subject to additional charges.

Warranty
To activate the warranty, the Daikin Airconditioning UK Ltd VRV Commissioning Log Book will need to be fully completed and submitted to Daikin Airconditioning UK Ltd FQS department for checking. Upon receipt and validation that all required details are provided and satisfactory, Daikin Airconditioning UK Ltd will issue a confirmation letter that the warranty is activated. Where Daikin Airconditioning UK Ltd will complete the commissioning, we will provide a copy of the Commissioning Log Book to the installation contractor. Except where mentioned above, our standard warranty conditions will apply. If none of the packaged options are chosen, then the warranty will be limited to a standard 12 month parts only cover.

Site pre-order inspection
Where required, Daikin Airconditioning UK Ltd will attend the site to check the suitability of the existing equipment and pipework for connection to VRV-Q. Where it is not possible to check operation or equipment condition, this will also be highlighted in the final report, and appropriate recommendations made.

If an approved engineer carries out the site inspection, then a Daikin Airconditioning UK Ltd supplied form shall be completed and submitted to our FQS department for checking and approval prior to any order being accepted.

The pre-order site inspection will include the following items:

- **Existing system(s) capacity** – necessary to estimate required system load for the new system
  - Record all the model numbers and the serial numbers for the indoor and the outdoor units and indicate actual installed system combinations
- **Check status of the existing indoor units** – necessary if the existing units are to be reused
  - Check filter condition
  - Check coil condition
  - Check fan motor operation – select fan only and check for air movement and for unusual noise and vibration
- **Installed pipework details** – necessary to check compliance with the manufacturer's specification and assess install quality. This would highlight any required rectification prior to the installation of the new system
  - Provide as installed pipework diagrams. If not available, provide as installed pipe work schematics from information gathered on site
  - Check the distance from the outdoor to the farthest indoor along the pipe work route
  - Check the distance from the first Refnet fitting to the farthest indoor unit
  - Check the height difference between the outdoor and the lowest indoor when the outdoor is situated above the indoor units or height difference between the outdoor and the highest indoor if the outdoor is situated below the indoor units
  - Check the height difference between the highest and the lowest indoor connected to the same system
  - Provide the lengths of all installed pipe sizes
  - Check the installation position and angle of the Refnet Joints
  - Check the condition of the pipe insulation
  - Check the adequacy of the existing pipe supports
- **Installed communication and control wiring** – necessary to check compliance with the manufacturer's specification, suitability for the new system and suitability for new controls specification
  - Check sizes and type of the interconnecting communication cables between indoor units, outdoor units and any central control systems
  - Check the separation between the power wiring and the installed controls wiring
- **Power wiring to the outdoor units** – necessary to check suitability for the new outdoor units
  - Check supply voltage
  - Check number of outlets available adjacent to the outdoor units compound
  - Check fuse/MCB sizes and types
  - Check status of the isolators
- **System health checks** – it is important to know if the existing systems are operating to their optimum. If there are issues which may affect the new installation they need to identified and rectified before installation of the new system. A comprehensive list of the operating data can be collected by connecting a VRV Checker to each system and recording a minimum of one hour operation data for analysis. This data should be sent back to Daikin Airconditioning UK Ltd FQS department for analysis
  - Operate the whole system in cooling for ½ hour and in heating for ½ hour to collect representative data
  - Send data to Daikin Airconditioning UK Ltd FQS department for analysis

VRV-Q Warranty Detail

- **System history check** – although the new VRV-Q system is designed to re-use existing pipework and in some cases existing indoor units it is still necessary to know the existing systems operational history to judge its integrity for the new application
  - Check for presence of leak protection dye and acid level – use total test kit
  - Ensure that no Acid Away chemical has ever been added to the system refrigerant charge
- **Existing system controls** – investigate currently installed local controls, centralised controls and connection to the third party systems. This is particularly necessary if any existing controls are planned to be re-used

Commissioning

Dependent on the requirement, either an approved engineer or Daikin Airconditioning UK Ltd will provide system commissioning on the completed installation. As mentioned in the warranty section above, a completed log book will need to be submitted to activate the warranty.

Commissioning where not provided by Daikin Airconditioning UK Ltd, can only be completed by an approved engineer.

Where Daikin Airconditioning UK Ltd provides commissioning as part of the package this shall include:

- Check installation of new units – ensure new piping is installed correct to Daikin specification
- Check power supplies – local isolators, MCB rating
- Fill in model number data, serial numbers etc. to commissioning log book
- Initialise VRV System and ensure all units communicate
- Set up additional control systems – ITC, Bacnet and provide demonstration
- Charge additional refrigerant
- Perform "Test" operation – including "Automatic" charging function
- Connect service checker and monitor operation – Cool›Heat›Heat Recovery
- Complete Commissioning Log Book
- Provide additional comments and recommendations if necessary
- Leave operation set as required by client

Prior to our site attendance the following shall be completed:

- All communication wiring is complete and terminated correctly
- All electrical work is complete and correct (supply wiring type and size – Breaker size correct)
- All systems piping has been pressure tested to 33 Bar
- All systems piping has been evacuated to < 5 Torr
- All systems piping has been measured and is available for our information
- Sufficient additional refrigerant is available on the day

Any other works other than those detailed above are excluded.

DNSS (Daikin Network Service System)

Where Daikin Airconditioning UK Ltd provide DNSS this shall include the following items:

- Commissioning of DNSS system (on-site service)
- GPRS router and SIM (this will be property of Daikin Airconditioning UK Ltd)
- Remote energy saving service
- 24/7 monitoring of VRV operating data
- Instant notification of system malfunction (email) 7 days a week
- Malfunction prediction service (during office hours 09.00 - 17.30)
- Bi-annual energy saving report indicating electricity cost saving and reduction in CO_2 emissions
- Recommendations to improve operating settings
- Issue of a DNSS user pack

All of the above will be provided for the warranty period of the VRV (either 3 or 5 years) depending on the package selected.

Prior to our site attendance the following shall be completed:

- A device compatible with DNSS is installed on site – Daikin Intelligent Manager, Daikin Intelligent Touch Controller or Daikin LC controller. (Not included in the price of the monitoring package)
- All electrical work is complete and correct (supply wiring type and size – breaker size correct) also F1/F2 communications are installed
- A full set of as installed drawings are available – indicating system configurations, installation locations and room references
- A power source is installed for the GPRS modem near the control device – this can be powered from a standard socket
- A connection to the internet is available – for areas where there is poor GPRS coverage a LAN or analogue phone connection must be installed near the control device. (Installation and rental costs are not included in the price of the monitoring package)
- Full access must be made available to the VRV equipment and if any access equipment is required Daikin UK must be informed prior to the site visit
- A list of contacts must be issued to Daikin Airconditioning UK Ltd (these are the contacts that should be e-mailed or telephoned in the event of a malfunction or error with the air conditioning system). If these change in the future, information will be given in the user pack for how to notify Daikin Airconditioning UK Ltd of the changes

This is an extract from the Daikin publication "Warranty and Site Services Package for VRV-Q". Please contact your local sales office to receive a copy and obtain further information.

R-410A

RWEYQ-T9

Water Cooled VRV

The Water Cooled VRV W+ has been completely redesigned to be even larger in capacity and small on footprint.

Along with all of the familiar VRV IV technologies such as Variable Refrigerant Temperature control and simple commissioning tools, VRV W+ incorporates new technology to make it the perfect fit for applications where space is at a premium.

Water Cooled VRV is perfectly suited for:

- Geothermal applications with heating provided even at low water temperatures (-10°C)
- A high degree of design flexibility to maximise efficiency and space
- Internal installation, low sound, comfortably meeting planning requirements
- Very small footprint, when space is a valuable commodity
- Highly efficient operation
- Less refrigerant than an equivalent air cooled VRV to meet refrigerant quantity legislation with ease
- Simple integration with district heating and cooling networks
- Meets ECA requirements (subject to approval)

New with VRV W+

- Heat Pump and Heat Recovery, standard and geothermal models all in the same unified machine
- 9 additional system combinations
- 40% more capacity from a single condenser
- Smallest footprint
- **120kW in less than 0.43m² of floor space**
- Use any combination of condensers to achieve the desired capacity
- Reliable Low and High temperature hot water production
- Air Handling Unit Connectivity
- **Zero heat dissipation from the condensers**
  *** Unique – no need to cool the plant area**

- Highest efficiency
- Simple maintenance
  - Remove all panels for service and maintenance without disconnecting refrigerant or water pipework
  - Rotating switch box
- Fully configurable inverter controlled water flow control





*** Unique:**
Zero heat dissipation feature

Now there is no need to cool down the plant room when using water cooled condensers. Traditional units release heat from the compressor and PCB's into the plant room.

VRV W+ is unique in that it is self-cooling, making the condensers heat neutral wherever they are installed. This means reduced costs and easier installation.

R-410A

LOOP BY DAIKIN

Heat Pump and Heat Recovery
RWEYQ-T9 (8 to 18 hp)

VRV IV W+ Water Cooled Condensing Units



Outdoor Units			RWEYQ8T9	RWEYQ10T9	RWEYQ12T9	RWEYQ14T9	RWEYQ16T		RWEYQ18T	
							RWEYQ8T9	RWEYQ8T9	RWEYQ8T9	RWEYQ10T9
Capacity	Nominal Cooling	kW	22.4	28.0	33.5	40.0	44.8		50.4	
	Nominal Heating	kW	25.0	31.5	37.5	45.0	50.0		56.5	
ηs,c	Seasonal Efficiency Cooling	%	326.80	307.80	359.00	330.70	307.6		308.7	
ηs,h	Seasonal Efficiency Heating	%	524.30	465.90	436.00	397.10	459.2		491.1	
Dimensions	Height	mm	980	980	980	980	980	980	980	980
	Width	mm	767	767	767	767	767	767	767	767
	Depth	mm	560	560	560	560	560	560	560	560
Weight		kg	185	185	185	185	185	185	185	185
Electrical Details	Power Supply	Phase /Hz/v	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400
	Running Current	amps	6.5	9.0	10.0	12.6	6.5	6.5	6.5	9.0
	Starting Current	amps	4	4	4	4	4	4	4	4
	Fuse Rating	amps	25	25	25	25	25	25	25	25
Refrigerant Circuit	Refrigerant Type		R-410A	R-410A	R-410A	R-410A	R-410A		R-410A	
	Refrigerant Charge	kg	7.9	7.9	9.6	9.6	7.9	7.9	7.9	7.9
	Additional Charge	kg	See data book				See data book		See data book	
Sound Power		dBA	65.0	71.0	72.0	74.0	65.0	65.0	65.0	71.0
Sound Pressure		dBA	48.0	50.0	56.0	58.0	48.0	48.0	48.0	50.0
Piping Limits	Maximum Length	m	165	165	165	165	165		165	
	Maximum Vertical Rise	m	50m if outdoor above IU / 40m if outdoor below IU				50m if outdoor above IU / 40m if outdoor below IU		50m if outdoor above IU / 40m if outdoor below IU	
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)		5/8 (15.9)	
	Gas Heat Pump	inch (mm)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)		1 1/8 (28.6)	
	Gas Heat recovery	inch (mm)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)		1 1/8 (28.6)	
	Discharge (HR only)	inch (mm)	5/8 (15.9)	3/4 (19.1)		7/8 (22.2)	7/8 (22.2)		7/8 (22.2)	
	Drain	Outlet	14mm OD / 10mm ID per module	14mm OD / 10mm ID per module	14mm OD / 10mm ID per module	14mm OD / 10mm ID per module	14mm OD / 10mm ID per module		14mm OD / 10mm ID per module	
	Water	Inlet & Outlet	ISO 228 - G1 1/4 B External thread - Per module				ISO 228 - G1 1/4 B External thread - Per module		ISO 228 - G1 1/4 B External thread - Per module	
Capacity Index Limit	VRV Indoor units	%	50-130	50-130	50-130	50-130	50-130		50-130	
	HR VRV I/U & HT Hydrobox	%	50-150	50-150	50-150	50-150	50-150		50-150	
Maximum Number of Connected Indoor Units			64	64	64	64	64		64	
Trade Condensing Unit Price			**£9,433.00**	**£11,351.00**	**£13,523.00**	**£15,663.00**	**£18,866.00**		**£20,784.00**	

Notes:

Daikin has introduced the new VRV IV W+ Water Cooled condensing unit to complement the rest of the VRV range. The water cooled system has a number of advantages over an air cooled system:

› High efficiencies & suitable for tall multi-storied buildings due to no limitations of water piping length & can be used with open and closed loop ground source systems

› Wide operation range with inlet water temperatures of +10°C to +45°C (possible down to -10°C in heating with the use of glycol) & the system offers greater efficiency in heating mode as there is no defrost cycle required for the water loop

R-410A

LOOP BY DAIKIN

Heat Pump and Heat Recovery
RWEYQ-T9 (20 to 28 hp)

VRV IV W+ Water Cooled Condensing Units



Outdoor Units			RWEYQ20T		RWEYQ22T		RWEYQ24T		RWEYQ26T		RWEYQ28T	
			RWEYQ10T9	RWEYQ10T9	RWEYQ10T9	RWEYQ12T9	RWEYQ12T9	RWEYQ12T9	RWEYQ12T9	RWEYQ14T9	RWEYQ14T9	RWEYQ14T9
Capacity	Nominal Cooling	kW	56.0		61.5		67.0		73.5		80.0	
	Nominal Heating	kW	63.0		69.0		75.0		82.5		90.0	
ηs,c	Seasonal Efficiency Cooling	%	298.10		311.30		342.60		322.50		306.10	
ηs,h	Seasonal Efficiency Heating	%	466.80		447.90		434.50		406.90		387.90	
Dimensions	Height	mm	980	980	980	980	980	980	980	980	980	980
	Width	mm	767	767	767	767	767	767	767	767	767	767
	Depth	mm	560	560	560	560	560	560	560	560	560	560
Weight		kg	185	185	185	185	185	185	185	185	185	185
Electrical Details	Power Supply	Phase /Hz/v	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400
	Running Current	amps	9	9	9	10	10	10	10	12.6	12.6	12.6
	Starting Current	amps	4	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	25	25	25	25	25	25	25	25	25	25
Refrigerant Circuit	Refrigerant Type		R-410A		R-410A		R-410A		R-410A		R-410A	
	Refrigerant Charge	kg	7.9	7.9	7.9	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	Additional Charge	kg	See data book		See data book		See data book		See data book		See data book	
Sound Power		dBA	71.0	71.0	71.0	72.0	72.0	72.0	72.0	74.0	74.0	74.0
Sound Pressure		dBA	50.0	50.0	50.0	56.0	56.0	56.0	56.0	58.0	58.0	58.0
Piping Limits	Maximum Length	m	165		165		165		165		165	
	Maximum Vertical Rise	m	50m if outdoor above IU / 40m if outdoor below IU		50m if outdoor above IU / 40m if outdoor below IU		50m if outdoor above IU / 40m if outdoor below IU		50m if outdoor above IU / 40m if outdoor below IU		50m if outdoor above IU / 40m if outdoor below IU	
Piping Connections	Liquid	inch (mm)	5/8 (15.9)		5/8 (15.9)		5/8 (15.9)		3/4 (19.1)		3/4 (19.1)	
	Gas Heat Pump	inch (mm)	1 1/8 (28.6)		1 1/8 (28.6)		1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)	
	Gas Heat recovery	inch (mm)	1 1/8 (28.6)		1 1/8 (28.6)		1 3/8 (34.9)		1 3/8 (34.9)		1 3/8 (34.9)	
	Discharge (HR only)	inch (mm)	1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)		1 1/8 (28.6)	
	Drain	Outlet	14mm OD / 10mm ID per module		14mm OD / 10mm ID per module		14mm OD / 10mm ID per module		14mm OD / 10mm ID per module		14mm OD / 10mm ID per module	
	Water	Inlet & Outlet	ISO 228 - G1 1/4 B External thread - Per module		ISO 228 - G1 1/4 B External thread - Per module		ISO 228 - G1 1/4 B External thread - Per module		ISO 228 - G1 1/4 B External thread - Per module		ISO 228 - G1 1/4 B External thread - Per module	
Capacity Index Limit	VRV Indoor units	%	50-130		50-130		50-130		50-130		50-130	
	HR VRV I/U & HT Hydrobox	%	50-150		50-150		50-150		50-150		50-150	
Maximum Number of Connected Indoor Units			64		64		64		64		64	
Trade Condensing Unit Price			**£22,702.00**		**£24,874.00**		**£27,046.00**		**£29,186.00**		**£31,326.00**	

Notes:

The VRV IV W+ Water Cooled system is supplied as a common unit and can be used in either heat pump and heat recovery modes, from size 8 to 42 all using a three phase power supply.
The system is fully compatible with the full range of existing VRV fan coils and controls packages. It should be installed in a plant room.

R-410A

LOOP BY DAIKIN

Heat Pump and Heat Recovery
RWEYQ-T9 (30 to 34 hp)

VRV IV W+ Water Cooled Condensing Units



Outdoor Units			RWEYQ30T			RWEYQ32T			RWEYQ34T		
			RWEYQ10T9	RWEYQ10T9	RWEYQ10T9	RWEYQ10T9	RWEYQ10T9	RWEYQ12T9	RWEYQ10T9	RWEYQ12T9	RWEYQ12T9
Capacity	Nominal Cooling	kW	84.0			89.5			95.0		
	Nominal Heating	kW	94.5			100.5			106.5		
ηs,c	Seasonal Efficiency Cooling	%	308.30			318.20			342.50		
ηs,h	Seasonal Efficiency Heating	%	467.20			456.10			447.00		
Dimensions	Height	mm	980	980	980	980	980	980	980	980	980
	Width	mm	767	767	767	767	767	767	767	767	767
	Depth	mm	560	560	560	560	560	560	560	560	560
Weight		kg	185	185	185	185	185	185	185	185	185
Electrical Details	Power Supply	Phase /Hz/v	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400
	Running Current	amps	9	9	9	9	9	10	9	10	10
	Starting Current	amps	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	25	25	25	25	25	25	25	25	25
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	7.9	7.9	7.9	7.9	7.9	9.6	7.9	9.6	9.6
	Additional Charge	kg	See data book			See data book			See data book		
Sound Power		dBA	71.0	71.0	71.0	71.0	71.0	72.0	71.0	72.0	72.0
Sound Pressure		dBA	50.0	50.0	50.0	50.0	50.0	56.0	50.0	56.0	56.0
Piping Limits	Maximum Length	m	165			165			165		
	Maximum Vertical Rise	m	50m if outdoor above IU / 40m if outdoor below IU			50m if outdoor above IU / 40m if outdoor below IU			50m if outdoor above IU / 40m if outdoor below IU		
Piping Connections	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Gas Heat Pump	inch (mm)	1 3/8 (34.9)			1 3/8 (34.9)			1 3/8 (34.9)		
	Gas Heat recovery	inch (mm)	1 3/8 (34.9)			1 3/8 (34.9)			1 3/8 (34.9)		
	Discharge (HR only)	inch (mm)	1 1/8 (28.6)			1 1/8 (28.6)			1 1/8 (28.6)		
	Drain	Outlet	14mm OD / 10mm ID per module			14mm OD / 10mm ID per module			14mm OD / 10mm ID per module		
	Water	Inlet & Outlet	ISO 228 - G1 1/4 B External thread - Per module			ISO 228 - G1 1/4 B External thread - Per module			ISO 228 - G1 1/4 B External thread - Per module		
Capacity Index Limit	VRV Indoor units	%	50-130			50-130			50-130		
	HR VRV I/U & HT Hydrobox	%	50-150			50-150			50-150		
Maximum Number of Connected Indoor Units			64			64			64		
Trade Condensing Unit Price			**£34,053.00**			**£36,225.00**			**£38,397.00**		

Notes:

Daikin has introduced the new VRV IV W+ Water Cooled condensing unit to complement the rest of the VRV range. The water cooled system has a number of advantages over an air cooled system:

› High efficiencies & suitable for tall multi-storied buildings due to no limitations of water piping length & can be used with open and closed loop ground source systems
› Wide operation range with inlet water temperatures of +10°C to +45°C (possible down to -10°C in heating with the use of glycol) & the system offers greater efficiency in heating mode as there is no defrost cycle required for the water loop

R-410A

LOOP BY DAIKIN

Heat Pump and Heat Recovery
RWEYQ-T9 (36 to 42 hp)

VRV IV W+ Water Cooled Condensing Units



Outdoor Units			RWEYQ36T			RWEYQ38T			RWEYQ40T			RWEYQ42T		
			RWEYQ 12T9	RWEYQ 12T9	RWEYQ 12T9	RWEYQ 12T9	RWEYQ 12T9	RWEYQ 14T9	RWEYQ 12T9	RWEYQ 14T9	RWEYQ 14T9	RWEYQ 14T9	RWEYQ 14T9	RWEYQ 14T9
Capacity	Nominal Cooling	kW	100.5			107.0			113.5			120.0		
	Nominal Heating	kW	112.5			120.0			127.5			135.0		
ηs,c	Seasonal Efficiency Cooling	%	352.30			338.80			341.40			332.90		
ηs,h	Seasonal Efficiency Heating	%	438.50			419.40			404.40			391.20		
Dimensions	Height	mm	980	980	980	980	980	980	980	980	980	980	980	980
	Width	mm	767	767	767	767	767	767	767	767	767	767	767	767
	Depth	mm	560	560	560	560	560	560	560	560	560	560	560	560
Weight		kg	185	185	185	185	185	185	185	185	185	185	185	185
Electrical Details	Power Supply	Phase /Hz/v	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400	3ph / 50 / 400
	Running Current	amps	10	10	10	10	10	12.6	10	12.6	12.6	12.6	12.6	12.6
	Starting Current	amps	4	4	4	4	4	4	4	4	4	4	4	4
	Fuse Rating	amps	25	25	25	25	25	25	25	25	25	25	25	25
Refrigerant Circuit	Refrigerant Type		R-410A			R-410A			R-410A			R-410A		
	Refrigerant Charge	kg	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	Additional Charge	kg	See data book			See data book			See data book			See data book		
Sound Power		dBA	72.0	72.0	72.0	72.0	72.0	74.0	72.0	74.0	74.0	74.0	74.0	74.0
Sound Pressure		dBA	56.0	56.0	56.0	56.0	56.0	58.0	56.0	58.0	58.0	58.0	58.0	58.0
Piping Limits	Maximum Length	m	165			165			165			165		
	Maximum Vertical Rise	m	50m if outdoor above IU / 40m if outdoor below IU			50m if outdoor above IU / 40m if outdoor below IU			50m if outdoor above IU / 40m if outdoor below IU			50m if outdoor above IU / 40m if outdoor below IU		
Piping Connections	Liquid	inch (mm)	3/4 (19.1)			3/4 (19.1)			3/4 (19.1)			3/4 (19.1)		
	Gas Heat Pump	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
	Gas Heat recovery	inch (mm)	1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)			1 5/8 (41.3)		
	Discharge (HR only)	inch (mm)	1 1/8 (28.6)			1 3/8 (34.9)			1 3/8 (34.9)			1 3/8 (34.9)		
	Drain	Outlet	14mm OD / 10mm ID per module			14mm OD / 10mm ID per module			14mm OD / 10mm ID per module			14mm OD / 10mm ID per module		
	Water	Inlet & Outlet	ISO 228 - G1 1/4 B External thread - Per module			ISO 228 - G1 1/4 B External thread - Per module			ISO 228 - G1 1/4 B External thread - Per module			ISO 228 - G1 1/4 B External thread - Per module		
Capacity Index Limit	VRV Indoor units	%	50-130			50-130			50-130			50-130		
	HR VRV I/U & HT Hydrobox	%	50-150			50-150			50-150			50-150		
Maximum Number of Connected Indoor Units			64			64			64			64		
Trade Condensing Unit Price			**£40,569.00**			**£42,709.00**			**£44,849.00**			**£46,989.00**		

Notes:

The VRV IV W+ Water Cooled system is supplied as a common unit and can be used in either heat pump and heat recovery modes, from size 8 to 42 all using a three phase power supply.
The system is fully compatible with the full range of existing VRV fan coils and controls packages. It should be installed in a plant room.

CO_2 VRV R-744

NEW

RXYN-B

CO_2 VRV

The low GWP solution

- Using the natural refrigerant CO_2 (R-744)
- With a low GWP of 1, CO_2 is one of the most sustainable refrigerants
- Non-flammable (A1) refrigerant, simplifying system design







Benefits of CO_2 VRV

- Enabling you to tackle projects requesting natural refrigerants
- Maximise your BREEAM / LEED refrigerant score, thanks to the low GWP of 1
- Incorporates all typical VRV benefits:
  - Quick and easy to design and install
  - Precise zone control with quick response to changing load
  - Connectable to Daikin's latest controllers such as Daikin Cloud Plus

NEW

R-744

RXYN-B

CO_2 VRV

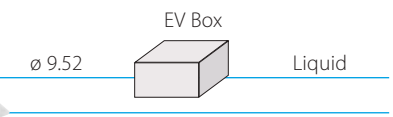




CO_2 Ducted



CO_2 Cassette



Outdoor Unit			10 hp
			RXYN10B
Capacity	Nominal Cooling	kW	28.0
	Nominal Heating	kW	28.0
Seasonal Efficiency	Cooling	$\eta_{s,c}$ %	189.2
	Heating	$\eta_{s,h}$ %	137.1
Dimensions	Height x Width x Depth	mm	1680 x 1930 x 765
Weight		kg	564
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415
	Max Fuse Amp (MFA)	amps	40
	Nominal Running Current - Cooling	amps	25
Refrigerant Circuit	Refrigerant Type		R-744
	Refrigerant Charge	kg	0.0
Sound Pressure	Cooling	dBA	61.0
	Heating	dBA	61.0
Sound Power	Cooling	dBA	83.5
	Heating	dBA	83.5
Piping Limits	Maximum Total Length	m	300
Piping Connections - Systems	Liquid	inch (mm)	3/8 (9.5)
	Gas	inch (mm)	5/8 (15.9)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 43
Operation Range (Heating)	Min / Max	°CWB	-20 / 15.5
Trade Condensing Unit Price			**£19,356.00**

Indoor Units - Ducted				FXSN40B	FXSN50B	FXSN63B	FXSN80B
Capacity	Nominal Cooling		kW	4.5	5.6	7.1	9.0
	Nominal Heating		kW	5.0	6.3	8.0	10.0
Air Flow Rate	High		m^3/sec	0.383	0.417	0.490	0.627
	Nom		m^3/sec	0.325	0.342	0.417	0.533
	Low		m^3/sec	0.267	0.283	0.352	0.448
External Static Pressure	High		Pa	120	120	120	120
	Low		Pa	30	30	30	40
Dimensions	Height x Width x Depth		mm	245x1000x800	245x1000x800	245x1400x800	245x1400x800
Weight			kg	40	40	50	50
Electrical Details	Running Current		amps	0.6	0.7	0.6	1.2
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	16	16	16	16
Sound Level	Sound Pressure	High	dBA	39.0	41.0	39.0	44.0
		Nom	dBA	36.5	38.5	36.5	41.5
		Low	dBA	34.0	36.0	34.0	39.0
	Sound Power		dBA	61.0	63.0	61.0	66.0
Piping Connections	Liquid		inches (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inches (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Trade Unit Price				**£1,782.00**	**£1,834.00**	**£1,867.00**	**£2,037.00**

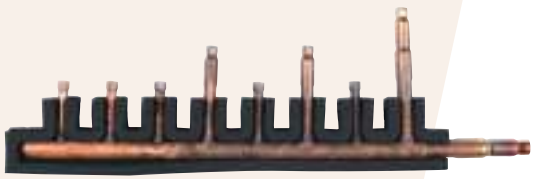
Indoor Units - Cassette				FXFN40B	FXFN50B	FXFN63B	FXFN80B
Capacity	Nominal Cooling		kW	4.5	5.6	7.1	9.0
	Nominal Heating		kW	5.0	6.3	8.0	10.0
Air Flow Rate Cooling	High		m^3/sec	0.258	0.350	0.447	0.592
	Nom		m^3/sec	0.225	0.300	0.367	0.492
	Low		m^3/sec	0.192	0.250	0.300	0.392
Dimensions	Height x Width x Depth		mm	246x840x840	246x840x840	288x840x840	288x840x840
Weight			kg	26	26	29	29
Decoration Panels	Model			Standard panels: BYCQ140E2W1 - white with grey louvers / BYCQ140E2W1W - full white / BYCQ140E2W1B - black			
				Auto cleaning panels: BYCQ140E2GFW1 - white / BYCQ140E2GFW1B - black			
				Designer panels: BYCQ140E2P - white / BYCQ140E2PB - black			
	Dimensions H x W x D		mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950			
	Weight		kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5			
Electrical Details	Running Current		amps	0.1	0.2	0.3	0.5
	Power Supply		Phase / Hz / V	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230	1 / 50 / 230
	Max Fuse Amp		amps	6	6	6	6
Sound Level	Sound Pressure	High	dBA	35.0	39.0	44.0	48.0
		Nom	dBA	33.0	37.0	42.0	46.0
		Low	dBA	31.0	35.0	40.0	44.0
	Sound Power		dBA	53.0	57.0	62.0	66.0
Piping Connections	Liquid		inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)

Expansion valve box (required with FXFN cassettes)			BEV2N112A7V1B
Power supply			1~, 50/60Hz, 220~240/220V
Dimension	Height	mm	207
	Wide	mm	388
	Depth	mm	326
Weight	Unit	kg	12
Refrigerant Type			R-744
Piping connections	Liquid	inch (mm)	3/8 (9.5)

Trade Unit Price (cassette + standard decoration panel + expansion valve box)	**£2,428.00**	**£2,501.00**	**£2,583.00**	**£2,692.00**

VRV Accessories

VRV Condensing Unit Refnet Joints



Refnet Header



Refnet Joint

For Outdoor Units	2-Pipe System Refrigerant Sizing between Refnet Joints and Indoor/Outdoor Units RXYSA / RXYA / RXYSQ /RXYQ / RYYQ / RWEYQ		Trade Price
	Total Capacity of Indoor Units	Refnet Selection	
RXYSA-A / RXYSCQ	Below 200	KHRQ22M20TA	**£66.00**
	200 to below 290	KHRQ22M29T9	**£55.00**
	290 to 390	KHRA22M65T	**£130.00**
RXYSQ4-6T	All	KHRQ22M20T	**£41.00**
RXYSQ8-12T	Below 200	KHRQ22M20TA	**£66.00**
	200 to below 290	KHRQ22M29T9	**£55.00**
	290 to 390	KHRQ22M64T	**£56.00**
RXYA-A	Below 200	KHRQ22M20TA	**£66.00**
	200 to below 290	KHRQ22M29T9	**£55.00**
	290 to below 650	KHRA22M65T	**£130.00**
RXYQ-U/RYYQ-U / RWEYQ-T9	Below 200	KHRQ22M20T	**£41.00**
	200 to below 290	KHRQ22M29T9	**£55.00**
	290 to below 420	KHRQ22M64T	**£56.00**
	420 to 639	KHRQ22M64T	**£56.00**
	640 and above	KHRQ22M75T	**£76.00**
Refnet Header - For capacity index smaller than 290		KHRQ22M29H	**£187.00**
R-410A Refnet Header - For capacity index 290 up to 639		KHRQ22M64H	**£232.00**
R-32 Refnet Header - For Capacity 290 up to less than 640		KHRA22M65H	**£96.00**
Refnet Header - For capacity index 640 and larger		KHRQ22M75H	**£291.00**
Condensing Unit Branch Kit - 2 Module RXYQ, RYYQ, RWEYQ, RXYQQ		BHFQ22P1007	**£126.00**
Condensing Unit Branch Kit - 3 Module RXYQ, RYYQ, RXYQQ		BHFQ22P1517	**£254.00**
Multi Module Connection Kit - VRV 5 - RXY(M)A-A9		BHFA22P1007	**£167.00**

For Outdoor Units	3-Pipe System Refrigerant Sizing between Refnet Joints and Indoor/Outdoor Units REYQ / REYA / RWEYQ / RQEQ		Trade Price
	Total Capacity of Indoor Units	Refnet Selection	
RWEYQ-T9 / REYQ-U	Below 200	KHRQ23M20T	**£62.00**
	200 to below 420	KHRQ23M29T9	**£86.00**
	420 to 639	KHRQ23M64T	**£93.00**
	640 and above	KHRQ23M75T	**£118.00**
REYA-A9	Below 250 Condenser to BSSV	KHRQ23M20T	**£62.00**
	Below 250 BSSV to FCU	KHRQ22M20TA	**£66.00**
	200 to below 420	KHRQ23M29T9	**£86.00**
	420 to 639	KHRQ23M64T	**£93.00**
	640 and above	KHRQ23M75T	**£118.00**
Refnet Header - For capacity index smaller than 290		KHRQ23M29H	**£262.00**
Refnet Header - For capacity index 290 up to 639		KHRQ23M64H	**£314.00**
Refnet Header - For capacity index 640 and larger		KHRQ23M75H	**£443.00**
Condensing Unit Branch Kit - 2 Module REYQ, RWEYQ		BHFQ23P907	**£238.00**
Condensing Unit Branch Kit - 3 Module REYQ, RWEYQ		BHFQ23P1357	**£485.00**
Condensing Unit Branch Kit - 2 Module REY(M)A-A9		BHFQ23P907A	**£238.00**
Condensing Unit Branch Kit - 2 Module RQEQ		BHFP26P36C	**£270.00**
Condensing Unit Branch Kit - 3 Module RQEQ		BHFP26P63C	**£551.00**
Condensing Unit Branch Kit - 4 Module RQEQ		BHFP26P84C	**£729.00**

VRV Accessories

Mini Building Management System

touch Intelligent Manager

User friendly

- Intuitive user interface
- Visual layout view and direct access to indoor unit main functions
- All functions directly accessible via touch screen or via web interface

Smart energy management

- Monitoring if energy use is according to plan
- Helps to detect origins of energy waste
- Powerful schedules guarantee correct operation throughout the year
- Save energy by interlocking A/C operation with other equipment such as heating

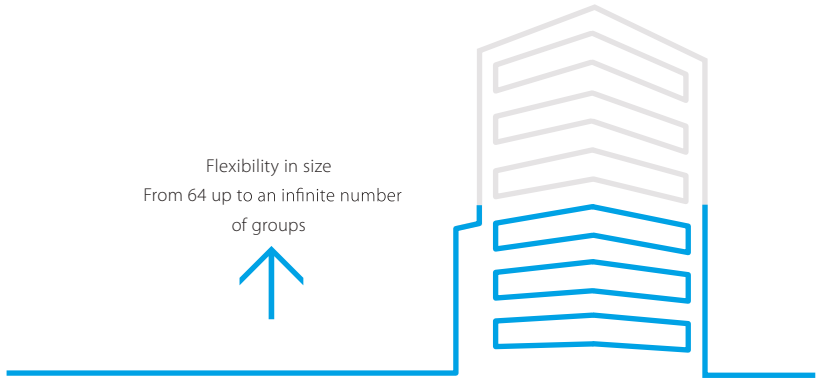
Flexibility

- Cross-pillar integration (heating, air conditioning, applied systems, refrigeration, air handling units)
- BACnet protocol for 3rd party products integration
- I/O for integration of equipment such as lights, pumps etc. on WAGO modules
- Modular concept for small to large applications
- Control up to 512 indoor unit groups via one ITM and combine multiple ITM via the web interface

Easy servicing and commissioning

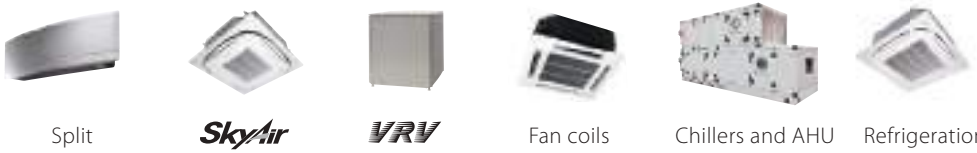
- Remote refrigerant containment check preventing on-site visit
- Simplified troubleshooting
- Save time on commissioning thanks to the pre-commissioning tool
- Auto registration of indoor units







Plug & Play



Functions overview



Management

- Web access (via HTML5)
- Power Proportional Distribution (option)
- Operational history (malfunctions, operation hours, …)
- Smart energy management
  - monitor if energy use is according to plan
  - detect origins of energy waste
- Setback function
- Sliding temperature

Control

- Individual control
- Schedule setting (weekly schedule, yearly calendar, seasonal schedule)
- Interlock control
- Setpoint limitation
- Temperature limit

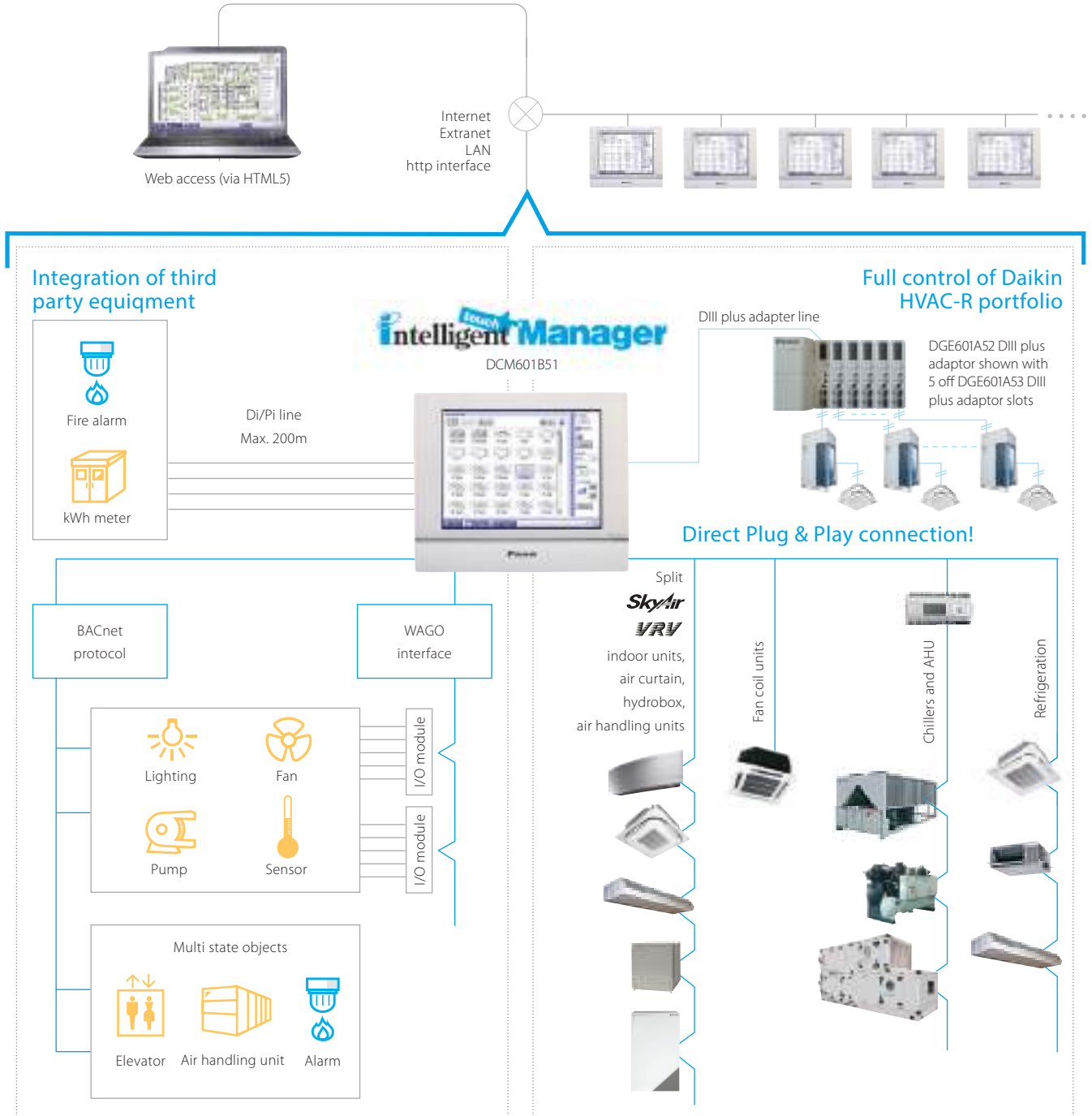
Connectable to

- DX Split, Sky Air, VRV
- Chillers (via POL638.70 controller)
- Daikin AHU
- Fan coils
- Daikin Altherma Flex type
- LT and HT hydroboxes
- Air curtains
- WAGO I/O, AO and PI
- BACnet protocol
- WAGO Interface

VRV Accessories

System Overview





PMS Interface DCM010A51

Hotel Interface Connecting Daikin HVAC with Oracle Property Management Systems

Features

- User-friendly interface for easy front desk support in hotels, conference centres, etc.
- Compatible with Oracle Opera PMS (formerly known as Micros Fidelio)
- Automated push of indoor unit settings based on the Opera PMS Check-In and Check-Out commands
- Energy-saving thanks to the possibility to limit temperature setpoint
- Up to five customised operation profiles based on weather conditions
- Available in 23 languages
- Up to 2,500 units / rooms can be managed



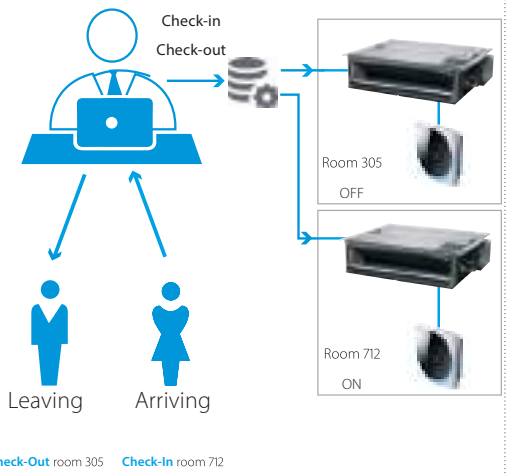
Room view showing room status: check-in, check-out, pre-heating / cooling status, room temperature and A/C status

HVAC settings can be easily observed and changed by the reception desk

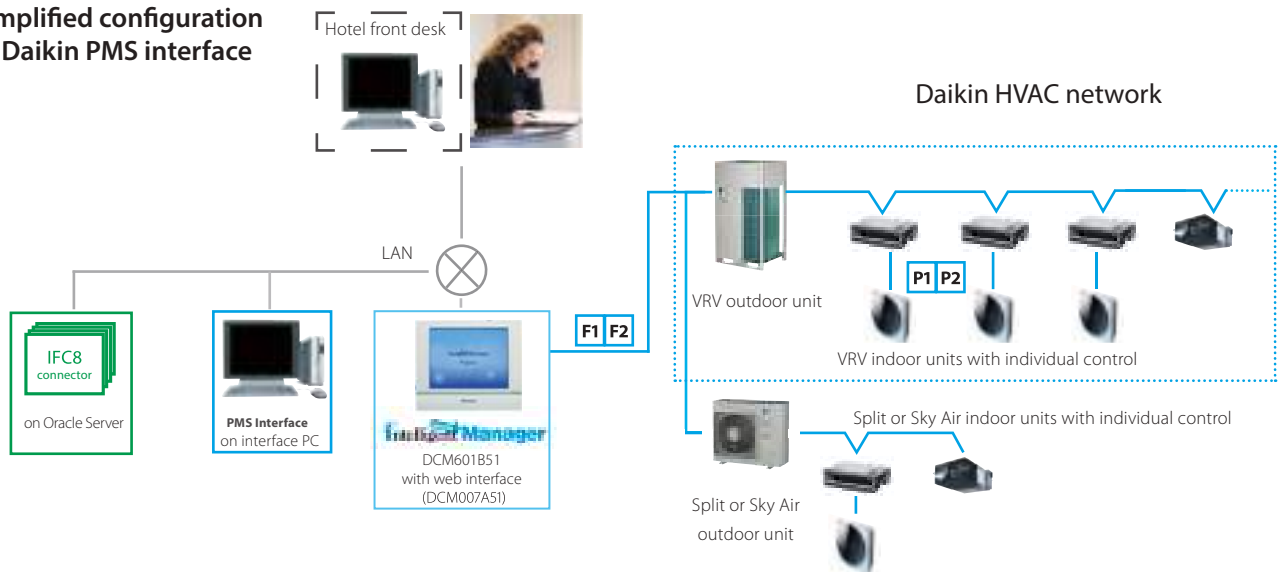
Multiple room types (bed-room, meeting room, …) can be defined with customised A/C settings for each type

Hotel case example:

- On check-in the HVAC for the room is automatically switched on
- On check-in the HVAC for the room is automatically switched off
- Improved hotel customer experience by pre-heating / cooling of booked rooms



Simplified configuration of Daikin PMS interface



VRV Accessories

Centralised Control Solutions

touch intelligent Manager

Model		Description	Trade Price
	**DCM601B51**	I-Touch manager central touch screen controller, with integral web server and email function	**£3,723.00**
	**DGE601A52**	DIII plus expansion adaptor for up to 64 fan coil units and 4 x kWh Meters	**£991.00**
	**DGE601A53**	DIII plus expansion adaptor slot for up to 64 fan coil units and 4 x kWh Meters	**£667.00**
	**DCM002A51**	Proportional Power Distribution add-on for I-Touch manager. Provides ability for tenant billing. Please note that this option requires additional kWhr meters. Please refer to your sales engineer for specific details.	**£2,901.00**
	**DCM007A51**	HTTP open protocol software for BMS Integration	**£1,542.00**
	**DCM008A51**	Energy Navigator Software for I-Touch manager. For on screen energy monitoring. Please note that this option requires additional kWhr meters. Please refer to your sales engineer for specific details.	**£4,514.00**
BACnet	**DCM009A51**	BACNet Client protocol for controlling & monitoring 3rd party products	**£1,981.00**

Model		Description	Trade Price
	**DCM010A51**	PMS Interface software for Opera check-in system	**£3,498.00**
	**DCS302A52-9**	Adaptor PCB for external on/off control of I-Touch controller and I-Touch Manager	**£172.00**
	DTA103A51	Adaptor PCB for on/off control of external device from I-Touch controller and I-Touch manager	**£505.00**
	**WAGO Interface System**	Modular interface system for connection to 3rd Party devices such as lights, pumps, PIR sensors, access card readers, etc. Enables the iTM to control external devices and provide customised interlocks for automation and energy saving logic	**POA**
	**AL-CCD07-VESA-1**	Wired screen c/w holder for browser functionality	**£934.00**
	**UK.ITM/R-32/ LEAKDE**	R-32 leak detection alarm output panel	**£723***
	**UK.IAMC**	Leak detection alarm buzzer and lamp panel for mounting in a central building supervisor location	**£609.00**
	**UK.FS1**	On site commissioning for PPD or Energy Navigator Software	**£929.00**

* Trade Price - No discount will be applied

Centralised Control Solutions

intelligent touch Controller

Model		Description	Trade Price
	DCS601C51	Intelligent touch controller for up to 64 fan coil units	£3,132.00
	KJB411A	Recessed Fixing box for I-Touch controller	£112.00
	DCS302A52-9	Adaptor PCB for external on/off control of I-Touch controller and I-Touch Manager	£172.00
	DTA103A51	Adaptor PCB for on/off control of external device from I-Touch controller and I-Touch manager	£505.00
	DCS007A51	HTTP open protocol software for BMS integration	£1,542.00

DAIKIN CLOUD PLUS

DC+ Edge Controller

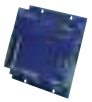
Model		Description	Trade Price
	DGE601A51	DC+ Edge controller for up to 128 fan coil units	£1,917.00
	DGE602A51	DC+ Edge Lite controller for up to 64 fan coil units	£1,482.00
	DGE601A52	DIII plus expansion adaptor for up to 64 fan coil units and 4 x kWh Meters	£991.00
	DGE601A53	DIII plus expansion adaptor slot for up to 64 fan coil units and 4 x kWh Meters	£667.00

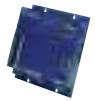
intelligent Tablet Controller

Model		Description	Trade Price
	DCC601A51	Intelligent Tab Controller c/w power supply unit for standalone control	£971.00
	AL-CCD07-VESA-1	Intelligent Tab Controller wired screen c/w holder	£934.00

VRV Accessories

Control and BMS Interfaces (supplied separately)

VRV Control and BMS Interfaces											
	KRP2A52	KRP4A53	EKMBPP1A	RTD-10		RTD-20	RTD-HO	KLIC-DI_V2	DMS504B51	DMS502A51	EKMBDXB
Interface Method	System	Unit/Group	Unit/Group	Unit/Group		Unit/Group	Unit/Group	Unit/Group	System	System	System
Control Protocol	Daikin	Daikin	Modbus	Modbus	-	Modbus	Modbus	KNX	LONWorks	BACnet	Modbus
0-10 Volt control	-	-	-	-	✔	✔	-	-	-	-	-
Resistance control	✔	✔	-	-	✔	✔	-	-	-	-	-
Control Functions											
On/Off	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
SetPoint	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Operating Mode	-	-	✔	✔	✔	✔	✔	✔	✔	✔	✔
Fan Speed	-	-	✔	✔	✔	✔	✔	✔	✔	✔	✔
Louver Setting	-	-	✔	✔	✔	✔	✔	✔	-	✔	✔
VAM Damper control	-	-	✔	✔	✔	✔	-	-	-	-	-
Control Prohibit / Restrict settings	-	-	✔	✔	✔	✔	✔	-	✔	✔	✔
Temperature SetPoint Limits	-	-	✔	✔	-	✔	✔	✔	-	-	✔
Scene Creation	-	-	-	-	-	-	-	✔	-	-	-
Monitoring Functions											
On/Off	✔	✔	✔	✔	-	✔	✔	✔	✔	✔	✔
Temperature Set Point	-	-	✔	✔	-	✔	✔	✔	✔	✔	✔
Operating Mode	-	-	✔	✔	-	✔	✔	✔	✔	✔	✔
Thermostat On	-	-	✔	✔	✔	✔	✔	-	✔	✔	✔
Fan Operation	-	-	✔	✔	-	✔	✔	✔	✔	✔	✔
Louvre Position	-	-	✔	✔	-	✔	✔	✔	-	✔	✔
Fault	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Fault Code	-	-	✔	✔	-	✔	✔	✔	✔	✔	✔

VRV Control and BMS Interfaces											
	KRP2A52	KRP4A53	EKMBPP1A	RTD-10		RTD-20	RTD-HO	KLIC-DI_V2	DMS504B51	DMS502A51	EKMBDXB
Monitoring Functions (continued)											
Remote Controller temperature	-	-	✔	✔	-	✔	✔	-	✔	✔	✔
Remote Controller Mode	-	-	✔	✔	-	✔	✔	-	-	-	-
Number of Units	-	-	✔	✔	-	✔	✔	-	-	-	-
Return Air Temperature (Average/Min/Max)	-	-	✔	✔	-	✔	✔	-	✔	✔	-
Coil In/Out temperature	-	-	✔	✔	-	✔	✔	-	-	-	-
Filter Alarm	-	-	✔	✔	-	✔	✔	✔	✔	✔	✔
Defrost Operation	-	-	✔	✔	✔	✔	✔	-	-	-	✔
Integral Functions (BMS system not req'd)											
Temperature Set Back	-	-	-	-	-	✔	✔	-	-	-	-
Temperature Setpoint Limitation	-	-	-	✔	✔	✔	✔	-	-	-	-
Key Card + Window Contact	-	-	-	-	-	✔	✔	-	-	-	-
Heating Interlock	-	-	-	✔	✔	-	-	-	-	-	-
Run / Standby	-	-	-	-	✔	-	-	-	-	-	-

Prices										
Interface	KRP2A52	KRP4A53	EKMBPP1A	RTD-10	RTD-20	RTD-HO	KLIC-DI_V2	DMS504B51	DMS502A51	EKMBDXB
Trade Price	**£294.00**	**£105.00**	**£264.00**	**£348.00**	**£375.00**	**£348.00**	**£307.00**	**£1,931.00**	**£6,207.00**	**£3,261.00**

Associated Items										
Mounting Box (FXFQ, FXCQ, FXZQ, FXUQ, FXHQ, FXDQ, FXAQ, FXFA, FXCA, FXZA, FXUA, FXHA, FXDA, FXAA)	UK.FB2	UK.FB2	UK.FB2	UK.FB2	UK.FB2	UK.FB2	-	-	-	-
Trade Price	**£36.00**	**£36.00**	**£36.00**	**£36.00**	**£36.00**	**£36.00**	**-**	**-**	**-**	**-**
Expansion PCB for additional unit connection	-	-	-	-	-	-	-	-	DAM411B51	-
Trade Price	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**£1,449.00**	
Pulse input PCB for KWh meter input	-	-	-	-	-	-	-	-	DAM412B51	-
Trade Price	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**£775.00**	**-**

Monitor and control your systems, no matter where you are

Daikin Cloud Solutions



Daikin Cloud Solutions offer two distinct cloud-based control and monitoring solutions to suit the type of equipment installed.

Utilising enhanced control, monitoring and prediction logic, Daikin Cloud Solutions offer real-time data to help identify cost-saving opportunities, increase the lifetime of your equipment and reduce the risk of unexpected issues.

	DC+	Daikin on Site
Hardware		
Compatible systems	VRV, Sky Air, Splits, Air curtains, VAM units, hydrobox & Mod L-Smart	Chiller & Modular AHU
Minimum Hardware	DC+ Edge Lite controller (DGE602A51)	DoS Modem or Customer supplied ethernet connection
Connection to cloud	Customer supplied ethernet connection	Daikin supplied Sim card for insertion into DoS Modem
Optional hardware	Wago (DC+ Edge Controller only)	N/A
Applications		
Typical Applications	Retail / Domestic / Hotel / Offices / Commercial / Educational	Hotel / Offices / Commercial / Educational
Typical installation size	Small (DC+ Edge Lite) to large (DC+ Edge)	Medium / Large
Features		
Day to Day control of system	Yes - Package A	Yes
Automatic control features*	Scheduling & Interlock control	None
Multi-Installation benchmarking	Yes - Controls and Monitoring Package	No
Energy Data reporting	Yes - Controls and Monitoring Package	Yes - requires additional kWhr meter to be installed
Floorplan Layout	Yes - Controls and Monitoring Package	No
Control of 3rd party equipment	Yes - Controls and Monitoring Package	No
PPD energy consumption (VRV only)	Yes - Controls and Monitoring Package	No
Fault reporting via Cloud interface &/or email	Yes - Controls and Monitoring Package	Yes
Fault prediction via Cloud interface &/or email	Yes - Support and Diagnostics Package	No
Indoor unit operation data	Yes - Support and Diagnostics Package	No
Outdoor unit operation data	Yes - Support and Diagnostics Package	Yes

* Requires access to Day to Day control.

Remote control and energy visualisation

Puts you in the driving seat of your energy management

- ☑ Control and monitor your premises, wherever you are
- ☑ Centralised control and monitoring of all your premises
- ☑ Check errors remotely without having to go on-site
- ☑ Visualise energy consumption and reduce energy waste by comparing different premises
- ☑ Monitor and control 3rd party equipment employing Wago hardwired interfaces or BACNet protocol (DCS+ Edge Controller only)

Multi-site monitoring

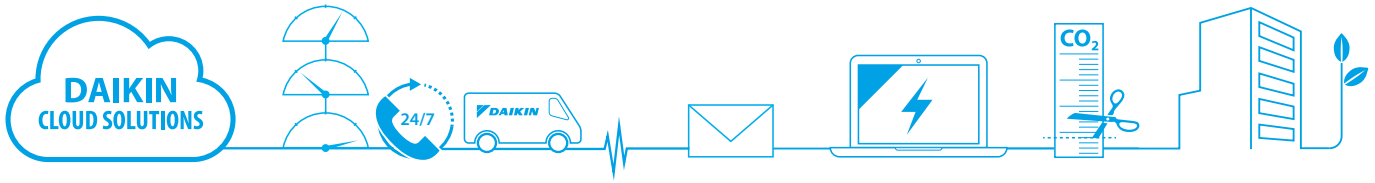
From one to an infinite number of sites



Remote support and diagnostics

Daikin specialist supervision, so you can focus on your core business

- ☑ Early warning of system deviations to maximise system uptime and avoid emergency repairs*
- ☑ Service providers have access to operational data, so they arrive prepared
- ☑ Remote expert assistance in case of errors



Flexible solution

Manage your premises according to your needs, using a local control or remotely via Daikin Cloud Solutions, or a combination of both.

Control, no matter where you are

Daikin Cloud Solutions gives you full control of one or more premises wherever you are, using your PC, tablet or smartphone.

Predictive logic for VRV to prevent breakdowns

The operational data is continuously analysed by Daikin algorithms to predict potential failures and avoid unexpected costs.



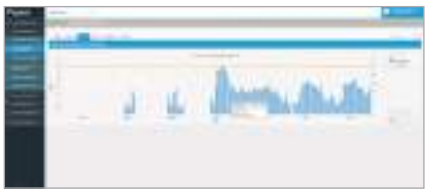
1. Monitor and control your system



2. Compare energy use with target



3. Compare energy use from multiple sites



4. Detailed energy consumption follow up



5. Follow up of alarm and fault prediction

* Only available for VRV systems



DC+ Edge / EdgeLite		
Model	**Description**	**Trade Price - No discount will be applied**
EU.SB.5000497	Control & Monitoring 1 year	**£167.00**
EU.SB.5000508	Control & Monitoring 2 years	**£330.00**
EU.SB.5000509	Control & Monitoring 3 years	**£470.00**
EU.SB.5000510	Control & Monitoring 5 years	**£691.00**
EU.SB.5000500	Support & Diagnostic (per FCU/IDU)	**£3.00**
UK.FS1	Optional commissioning assistance	**£929.00**

Packages including operational data and fault notification items A & B are also available. Please ask your sales engineer for details.

Following the end of the initial period, the contract reverts to an annual online renewal.

Daikin on Site		
Model	**Description**	**Trade Price - No discount will be applied**
UK.FS.DOS/PREMIUM	DoS Premium Version (Access per Chiller or AHU)	**£500.00**
UK.FS.DOS/PARTNER	DoS Partner Version (Access per Chiller or AHU)	**£385.00**
UK.FS.DOS/CONNECT	DoS Connect Version (Access per Chiller or AHU)	**POA**
UK.FS.DOS/INSTALL	One off cost per Chiller for installation of Modem if not undertaken at commissioning or existing unit	**£490.00**
UK.FS.DOS/MODEM	One off cost per Chiller for Modem if Option 155 (DoS Modem) not factory mounted If LAN available on site Modem not required	**£490.00**



Always up-to-date and in control

Daikin Cloud Solutions use standard web browsers, so are suitable for any web-compatible devices and operate in real time. Users log in to the Daikin Cloud Solutions portal to access plant information without any need for special cables or extra software.



Operational data insights deliver long-term savings

The main benefit of the Daikin Cloud Solution is that both your system data and process data are collected and stored centrally during the system's lifecycle. The data is available whenever needed to make evaluations and to provide valuable information about the system's operating state, reliability and efficiency.

Daikin Cloud Service is the ideal tool for optimising maintenance and operating costs long term, and for giving you a documented view of your system's capacity requirements.



High security

You can trust Daikin Cloud Solutions to be secure in all aspects such as data privacy, data transport and storage security.

- Data transport is encrypted (HTTPS) to prevent wiretapping and man-in-the-middle attacks
- Data privacy conforming to EU/GDPR
- Data storage within EEA



Madoka Plus

Intuitive touch control for commercial spaces

Madoka Plus is Daikin's next generation wired room controller for commercial heat pumps and ventilation systems. Designed around three core principles - ease of use, elegance and efficiency - it delivers a new standard of control for hotels, offices, retail spaces and all professional environments where comfort and simplicity matter.

Available in two colours to match any modern interior style.



BRC1KPD51**W** BRC1KPD51**K**

A refined design for modern building

Intuitive user experience for all

GOOD DESIGN AWARD 2025

With a redesigned interface that places temperature, mode, fan speed and louvre position on one easy-to-read screen, Madoka Plus makes everyday operation simple and clear at a glance.

- Large, easy-to-read icons
- Colour-coded visual guidance
- Real time feedback
- Smooth navigation with taps & swipes
- Multilingual text for universal accessibility



Smart energy efficiency built in

Energy saving made simple

Madoka Plus includes:

- Easily programmable energy saving functions
- Energy programs for optimised performance
- Real time feedback to encourage efficient behaviour



Advanced settings and commissioning can be easily done via your smartphone

- Monitor & control your air-conditioning units using free Madoka Assistant App
- Redesigned Madoka Assistant app
- Easy control of temperature, schedules and other parameters
- Bluetooth connection with smartphone



VRV Accessories

Wired remote controller: user-friendly, touch screen, premium design





Madoka

Wired Remote Controller

- Sleek and elegant design
- Intuitive touch button control
- 2 display view: standard and detailed
- Access to basic function (on/off, mode, setpoint, fan speed, louvres, filter sign & reset, error & code)
- 3 colours to match any interior design
- Compact, only 85x85mm
- Real time clock with auto update to daylight saving time



White
BRC1H52W7



Silver
BRC1H52S7



Black
BRC1H52K7



Access advanced settings via your smartphone

A series of energy-saving functions that can be individually selected

- Temperature range limit
- Setback function
- Presence & floor sensor setting
- KWh indication(2)
- Set temperature auto reset
- Off timer

Temperature range limit avoids excessive heating or cooling

Save energy by constraining the lower temperature limit in cooling and upper temperature limit in heating mode.

kWh indication keeps track of your consumption

The kWh indication shows an indicative electricity consumption of the last day/month/year.

Other functions

- Up to 3 independent schedules can be set, so the user can easily change the schedule throughout the year (i.e. summer, winter, midseason)
- Possibility to individually restrict menu function
- Selection of quiet mode functions(1)

DUTY ROTATION

Cost-effective solution for infrastructure cooling applications

- Only in combination with RZAG*
- Duty rotation

After a certain period of time, the operating unit will go into standby and the standby unit will take over, increasing lifetime of the system

Rotation interval can be set from 6h, 12h, 24h, 72h, 96h, weekly

- Back-up operation: if one unit fails, the other unit will automatically start

(1) Only available on RZAG*, RZASG*, RZA-D

(2) For Sky Air FBA, FCAG and FCAHG pair combinations only

VRV Accessories

Remote Controllers (supplied loose)

VRV Remote Control Options	Model	Description	Related Fan Coil	Trade Price
Hard Wired Controllers				
	**BRC1KPD51W**	Enhanced wired touch screen controller - White	All	**£179.00**
	**BRC1KPD51K**	Enhanced wired touch screen controller - Black	All	**£195.00**
	**BRC1H52W7**	Wired touch screen controller - White	All	**£133.00**
	**BRC1H52S7**	Wired touch screen controller - Silver	All	**£140.00**
	**BRC1H52K7**	Wired touch screen controller - Black	All	**£145.00**
	**UK.BRC1H/BRA/POL**	Metal clad Madoka controller - Polished Brass	All	**£302.00**
	**UK.BRC1H/CHR/POL**	Metal clad Madoka controller - Polished Chrome	All	**£302.00**
	**UK.BRC1H/CHR/BRU**	Metal clad Madoka controller - Brushed Chrome	All	**£302.00**
	**BRC1E53A**	Wired controller with full text menu, Energy features and 7 Day Time Clock	All	**£147.00**
	**BRP7A51 and UK.FB2**	Digital input adaptor for Key card and Window switch contacts with programmable logic	For use with Simplified controllers	**£134.00**

VRV Remote Control Options	Model	Description	Related Fan Coil	Trade Price
Infra Red Controllers				
	**BRC4C62**	Wireless remote controller (Heat Pump)	FXDQ-M9	**£224.00**
	BRC4C65	Wireless remote controller (Heat Pump)	FXKQ-A, FXMQ-P7, FXLQ-P, FXNQ-A, FXDQ-A, FXSQ-A, FXMQ-MB, FXDA-A*, FXKA-A*, FXSA-A*, FXMA-A*, FXNA-A*	**£253.00**
	BRC7C58	Wireless remote controller (Heat Pump)	FXUQ-A, FXUA-A*	**£253.00**
	BRC7C52	Wireless remote controller (Heat Pump)	FXCQ-A	**£253.00**
	BRC7EA628	Wireless remote controller (Heat Pump)	FXAQ-A	**£215.00**
	BRC7EA630	Wireless remote controller (Heat Pump) *	FXAA-A	**£215.00**
	BRC7F530W	Wireless remote controller (Heat Pump) for White Ceiling Decoration Panel	FXZQ-A, FXZA-A* + BYFQ60CW	**£253.00**
	BRC7F530S	Wireless remote controller (Heat Pump) for Silver Ceiling Decoration Panel	FXZQ-A, FXZA-A* + BYFQ60CS	**£253.00**
	BRC7EB530W	Wireless remote controller (Heat Pump) for Old Style Decoration Panel	FXZQ-A, FXZA-A* + BYFQ60B3	**£253.00**
	BRC7FA532F	Wireless remote controller (Heat Pump) White Panels - NOT compatible with self cleaning panel	FXFQ-B + FXFA-A*	**£253.00**
	BRC7FA532FB	Wireless remote controller (Heat Pump) Black Panels - NOT compatible with self cleaning panel	FXFQ-B + FXFA-A*	**£253.00**
	BRC7FB532F	Wireless remote controller (Heat Pump) White designer panel	FXFQ-B, FXFA-A*	**£170.00**
	BRC7FB532FB	Wireless remote controller (Heat Pump) Black designer panel	FXFQ-B, FXFA-A*	**£170.00**
	BRC7GA53-9	Wireless remote controller (Heat Pump)	FXHQ-A, FXHA-A*	**£253.00**

* For R-32 units, only permissible in combination with a BRC1H52 hard wired remote controller

Sold at listed price.
No discounts will apply.

Madoka Shrouds				
	**UK.BRC1H52/SHR/WHT**	White wall shroud for Madoka remote controller	BRC1H52W7, BRC1H52S7 & BRC1H52K7	**£28.00**
	**UK.BRC1H52/SHR/BLK**	Black wall shroud for Madoka remote controller		**£28.00**

VRV Accessories

VRV Wi-Fi adapter



GET IT ON Google Play

Download on the App Store

works with the Google Assistant

amazon alexa



Wi-Fi adapter

For use with VRV

Wi-Fi adapter

Provide your customers with enhanced control of their air conditioning systems with the Daikin Wi-Fi adapter and free downloadable App for smartphone or tablet.

Benefits:

Manually and automatically control the environment using your smartphone.

From switching between heat and cooling, setting the required temperature and fan speed, setting minimum comfort levels and time clocking your air conditioning, the climate will be maintained to meet your requirements.

› **Multiple users** – Each user can be given their own account and allocated unit(s). Users can even share access to the same unit(s).

› **Voice control** – Control your air conditioning via Google Assistant or Amazon Alexa voice control device.

*Broadband internet connection, Wi-Fi connection or Mobile data connection required.

Note: Also compatible with Sky Air units.

Features:

Basic Operations

- On/Off
- Operation mode
- Air flow direction
- Time clocking
- Set point & room temperature
- Fan speed

Multiple schedules can be created to time clock rooms or zones. This permits multiple units to be controlled to the required conditions automatically.

In the event of an operational issue, the error and associated code will be displayed, to aid in the reinstatement of your system.

The group control function allows for individual control of each room and control of the property as a whole.

An unlimited number of rooms and multiple properties can be controlled by a single account.

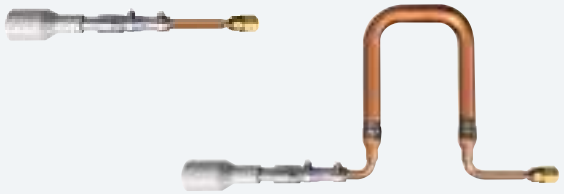
Indication of the ambient temperature and a weather forecast for the locale surrounding the property allows the user to adjust the system settings to meet their requirements.

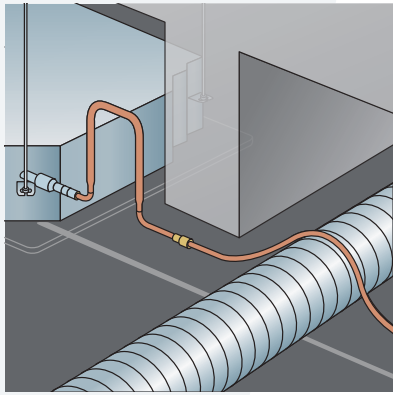
Model	Description	Trade Price
AZAI6WSCDK1 	Wi-Fi adapter to connect to on-line server* One adapter required per fan coil unless group control of connected fan coils required, then one adapter per group	**£312.00**

*No annual charge is required to access this service.

VRV Accessories

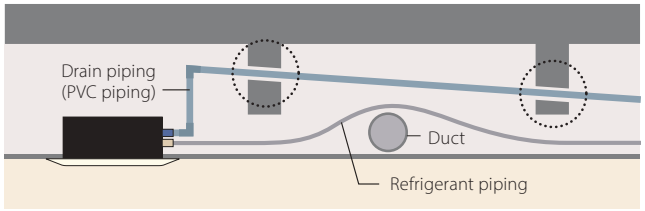
No-Slope drain kit





Install Smarter - No slope, no clogs

Designed for hassle-free HVAC installations



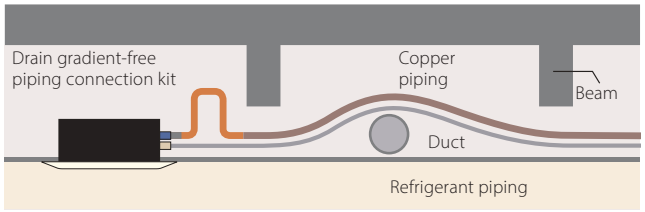
Conventional configuration

! Careful planning required to avoid beams, ducting, and other ceiling obstructions.

! Holes may need to be drilled in beams when ceiling voids are too tight or routing can't avoid them.

! Risk of clogged pipes.

No-Slope drain kit



Our slope-free drain kit changes the game.

- ☑ **No slope calculation required:** Run drain pipes flat or even upwards to bypass structural elements like beams and ducts.
- ☑ **Clog-resistant design:** Anti-bacterial copper eliminates slime buildup and blockages.
- ☑ **Flexible installation:** Ideal for tight ceiling spaces and retrofit projects.
- ☑ **Time-saving:** Simplifies planning and speeds up installation, as drain hanging can be combined with refrigerant piping.

Specification:

Flexible drain length	Copper drain size	Drain type	Fan coil connector	Drain connector	Total requirement
Up to 6m*	3/8" (9.52mm)	Open	BKWP55A1401	N/A	1x BKWP55A1401
		Central	BKWP55A1401	BKWP55A1401	2 x BKWP55A1401
Up to 20m		Open	BKWP55A1402	N/A	1 x BKWP55A1402
		Central	BKWP55A1402	BKWP55A1401	1 x BKWP55A1401 & 1 x BKWP55A1402

* Restricted to 4m for FXKA/Q, FXMA/Q & FDA125A

Model	Description	Related Unit (Fan coil connector)	Trade Price
BKWP55A1401	No slope drain kit (up to 6m)	FXFA/N/Q, FCA(H)G, FXZA/Q, FFA, FXCQ, FXKA/Q, FXDA/Q, FDXM, FXSA/N/Q, FBA, ADEA, FXMA/Q & FDA125A	**£57.00**
BKWP55A1402	No slope drain kit (up to 20m)	As above except FXCQ & FXKA/Q	**£114.00**

VRV Accessories

Fan Coil Accessories (supplied separately)

Model		Description	Related Unit	Trade Price
	**BYCQ140EGF**	Roundflow cassette decoration panel - white with self cleaning filter	FXFQ-B, FXFA-A	**£513.00**
	BYCQ140EW	Roundflow cassette decoration panel - white with white louvres	FXFQ-B, FXFA-A	**£266.00**
	BYCQ140EB	Roundflow cassette decoration panel - black	FXFQ-B, FXFA-A	**£260.00**
	BYCQ140EGFB	Roundflow cassette decoration panel - black with self cleaning filter	FXFQ-B, FXFA-A	**£563.00**
	**BYCQ140EP**	Roundflow cassette designer decoration panel - white	FXFQ-B, FXFA-A	**£447.00**
	BYCQ140EPB	Roundflow cassette designer decoration panel - black	FXFQ-B, FXFA-A	**£491.00**
	**BAEF125AWB**	UVC + Flash Streamer Adapter	FXFQ-B, FXFA-A	**£579.00**
	**BYFQ60CS**	Fully Flat Cassette Decoration Panel - Silver	FXZQ-A	**£329.00**
	BYFQ60CW	Fully Flat Cassette Decoration Panel - White	FXZQ-A	**£329.00**
	BYFQ60B3	Fully Flat Cassette Decoration Panel - Old Style (FXZQ-MA style) [compatible with previous model FXZQ-M9]	FXZQ-A, FXFA-A	**£282.00**
	BYFQ60C4S	Fully Flat Cassette Decoration Panel - Silver	FXZA-A	**£329.00**
	BYFQ60C4W	Fully Flat Cassette Decoration Panel - White	FXZA-A	**£329.00**
	**EKRS22**	Lead to permit BYFQ60C4S & BYFQ60C4W to be employed with FXZQ-A	FXZQ-A	**£7.00**
	EKRS23	Lead to permit BYFQ60BS & BYFQ60BW to be employed with FXZA-A	FXZA-A	**£7.00**
	**KDBHQ56B140**	Sealing member for air discharge outlet	FXFQ-B, FXFA-A	**£148.00**
	BDBHQ44C60	Sealing member for air discharge outlet - Fully Flat cassette	FXZQ-A	**£150.00**
	KDDP55C160-1 (Suction chamber) KDDP55D160-2 (connecting chamber)	Fresh air intake kit for up to 20% fresh air (Not compatible with self-cleaning decoration panel)	FXFQ-B	**£395.00**
	**UK.RC1**	1x200mm Return air spigot	FXSQ/A 15 / 20 / 25 / 32 A	**£115.00**
	UK.RC2	2x200mm Return air spigot	FXSQ/A 40 / 50 A	**£121.00**
	UK.RC3	2x200mm Return air spigot	FXSQ/A 63 / 80 A	**£134.00**
	UK.RC3A	3x200mm Return air spigot	FXSQ/A 63 / 80 A	**£146.00**
	UK.RC4	4x200mm Return air spigot	FXSQ/A 100 / 125 A	**£181.00**
	**UK.SF1**	1x200mm Supply air spigot	FXSQ/A 15 / 20 / 25 / 32 A	**£98.00**
	UK.SF2	2x200mm Supply air spigot	FXSQ/A 40 / 50 A	**£111.00**
	UK.SF3	2x200mm Supply air spigot	FXSQ/A 63 / 80 A	**£121.00**
	UK.SF3A	3x200mm Supply air spigot	FXSQ/A 63 / 80 A	**£129.00**
	UK.SF4	4x200mm Supply air spigot	FXSQ/A 100 / 125 A	**£162.00**
	UK.SF4L	4x200mm Supply air spigot	FXSQ/A 140A	**£179.00**
	UK.RAC5	2x150mm Return air spigot	FXDQ/A 15 / 20 / 25 / 32 A	**£118.00**
	UK.RAC6	3x150mm Return air spigot	FXDQ/A 40 / 50 A	**£128.00**
	UK.RAC7	4x150mm Return air spigot	FXDQ/A 63 A	**£151.00**

Model		Description	Related Unit	Trade Price
	**UK.SAF5**	2x150mm Supply air spigot	FXDQ/A 15 / 20 / 25 / 32 A	**£105.00**
	UK.SAF6	3x150mm Supply air spigot	FXDQ/A 40 / 50 A	**£112.00**
	UK.SAF7	4x150mm Supply air spigot	FXDQ/A 63 A	**£132.00**
	**UK.FF7/P**	Filter frame and filter	FXMQ/A 100 to 125	**£184.00**
	BAFL501A250	8mm Pre filter	FXMQ/A 200 to 250	**£99.00**
	BAFL502A250	30mm Long Life Filter Coarse	FXMQ/A 200 to 250	**£304.00**
	BAFM503A250	High Efficiency Filter 65% (ePM10 50%)	FXMQ/A 200 to 250	**£387.00**
	BAFH504A250	High Efficiency Filter 90% (ePM2.5 50%)	FXMQ/A 200 to 250	**£399.00**
	BDD500A250	Filter chamber for Long life & High Efficiency filters	FXMQ 200 to 250	**£384.00**
	BDD500B250	Filter chamber for Long life & High Efficiency filters	FXMA 200 to 250	**£215.00**
	**BAF552AA160**	ePM10 60% (G4/M5) Disposable Filter (Paper Frame + Wire Back) - Pack of 1	FXFQ-B, FXFA-A, FCAG-B	**£42.00**
	BAF552AA160-5	ePM10 60% (G4/M5) Disposable Filter (Paper Frame + Wire Back) - Pack of 5	FXFQ-B, FXFA-A, FCAG-B	**£182.00**
	BAF552AA160-10	ePM10 60% (G4/M5) Disposable Filter (Paper Frame + Wire Back) - Pack of 10	FXFQ-B, FXFA-A, FCAG-B	**£334.00**
	**KRCS01-4**	Remote room mounted temperature sensor	FXZQ-A, FXCQ-A, FXHQ-A, FXMQ-MB, FXUQ-A, FXSQ-A, FXMQ-P7, FXDQ-A3, FXNQ-A	**£62.00**
	KRCS01-1	Remote room mounted temperature sensor	FXAQ-A, FXLQ-P	**£74.00**
	KRCS01-5B	Remote room mounted temperature sensor	FXFQ-B, FXFA-A	**£138.00**
	KRCS01-6B	Remote room mounted temperature sensor	FXAA-A, FXDA-A, FXSA-A, FXZA-A, FXHA-A, FXMA-A, FXUA-A, FXKQ/A-A, FXNA-A	**£138.00**
	**UK.KRCS01/BUTTON**	Discreet button type room mounted temperature sensor	All except FXAA-A, FXDA-A, FXSA-A, FXZA-A, FXHA-A, FXMA-A, FXUA-A, FXKQ/A-A, FXNA-A	**£68.00**
	**K.RSS**	Wireless room mounted temperature sensor and receiver	All except FXMQ-MB, FXFQ-B, FXAA-A, FXDA-A, FXSA-A, FXZA-A, FXHA-A, FXMA-A, FXUA-A, FXKQ-A, FXKA-A, FXFA-A	**£147.00**
	RS-SE	Service and Configuration Tool for K.RSS		**£152.00**
	**EKEWTSC**	Wire Harness	Required for FXAQ-A & FXNA-A to connect to K.RSS	**£9.00**
	DTA114A61	Multi-tenant PCB	All except FXNA-A	**£162.00**
	**ERP01A50**	R-32 Leak detection status PCB	FXSA-A, FXMA-A	**£78.00**
	ERP01A51	R-32 Leak detection status PCB	FXAA-A, FXDA-A, FXFA-A, FXHA-A, FXUA-A, FXKA-A, FXNA-A	**£84.00**
	ERP02A50	R-32 Leak detection status PCB	FXZA-A	**£157.00**

VRV Accessories

Condensing Unit Accessories (supplied separately)

Model	Description	Related Unit	Trade Price
BRP2A81	Adaptor PCB for Heat Cool selection terminals	RYYQ-U, RWEYQ-T9, SB.RKXYQ8T	**£170.00**
EBRP2B	Adaptor PCB for Heat Cool selection terminals	RXYSQ4-6T8V	**£83.00**
EKCHSC	Adaptor PCB for Heat Cool selection terminals	RXYSQ4-6T8Y, SB.RKXYQ5T, RXYSA-A	**£16.00**
KJB111A	Fixing box for Cool/Heat selector switch	RXYSQ4-6T, RYYQ-U, RWEYQ-T9, SB.RKXYQ-T, RXYSA-A	**£17.00**
KRC19-26	Cool/Heat selector switch for use with BRP2A81, EBRP2B or EKCHSC	RYYQ-U, BS1Q-A, RXYSQ4-6T & RWEYQ-T9, SB.RKXYQ-T	**£47.00**
EKPCCAB1	VRV Configurator Software Connection Cable. Software available from My.daikin.co.uk	RYYQ-U, REYQ-U, RXYSCQ-T, RXYSQ-T, SB.RKXYQ-T	**£293.00**
DTA104A62 and UK.FB2	Low Noise Operation / Demand PCB for outdoor unit control	RYYQ-U, REYQ-U, RXYSCQ-T, RXYSQ-T, SB.RKXYQ-T, RWEYQ-T9	**£390.00**
K.CGL	Condensing Unit Guard size 100-140	RXYSQ / RXYSA-A (size 8,10,12)	**£586.00**
Strip & Rebuild of Condensing Units	VRV Condensing Units stripped down for delivery to site where lifting into position is difficult with traditional methods. Units are rebuilt on site by Daikin UK Engineers and fully retested.		**POA**

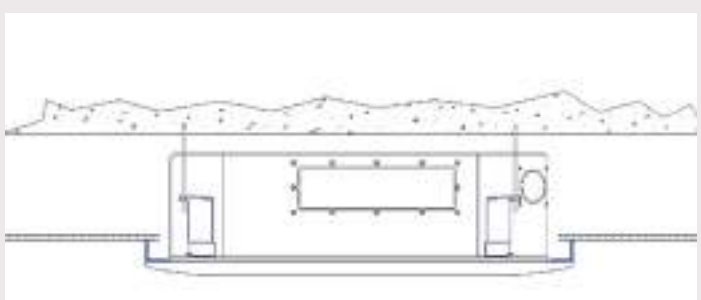
VRV Accessories

Cassette Collar

Where there is insufficient ceiling void depth to install a ceiling cassette, Daikin can offer a collar to fill the void between unit facia and ceiling.

Manufactured from epoxy coated steel for durability, the collar is easily supported by the unit facia and requires no additional fixings. The collar is offered up to the fan coil unit body and held in place by the facial panel. The facia is secured to the fan coil unit body as per standard.





Model	Depth	Related Unit	Trade Price – No Discount will apply
UK.BYCQ/DSC/50MM	50mm	FCAG-B, FCAHG-H, FXFQ-B & FXFA-A with BYCQ Facia	**£198.00**
UK.BYCQ/DSC/100MM	100mm		**£213.00**
UK.BYCQ/DSC/150MM	150mm		**£231.00**

* Standard colour white. Other colours corresponding prices available on request.

VRV Accessories

VRV Refrigerant Leak Detection System

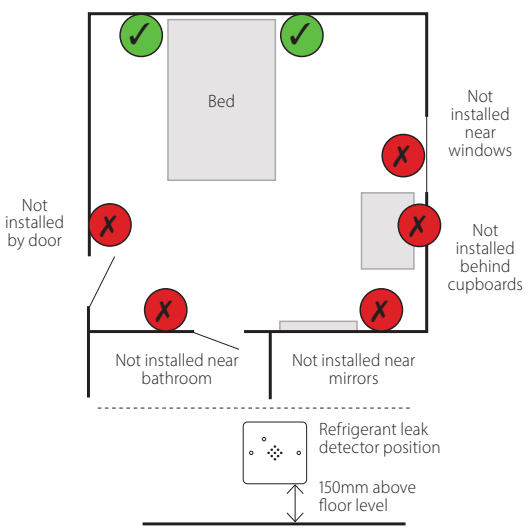
Refrigerant leak detection systems can be required by the Safety of Building Occupants, BS-EN378. Daikin has a solution that can help meet requirements for leak detection within enclosed spaces.

Refrigerant Leak Detection Alarm

1 The standard BS-EN378 requires that systems containing R-410A refrigerant gas, such as VRV, meet the requirements regarding maximum system refrigerant volumes that could leak within Hotel Bedroom or other similar Category Class A spaces. If these limitations are exceeded, there must be an alarm system installed within each room where this limit is not met. The alarm system must alert the occupier through both audible and visual indication, and must also alert building staff such as supervisors, night porters etc. There is no specific requirement for the alarm system to be linked to the refrigerant system to pump down or stop the operation, although this can be configured if required by the client.

2 For A2L refrigerants such as R-32, EN60355-2-40 applies with regards to flammability. As the refrigerant limit for flammability is more stringent than that for toxicity (as governed by BS-EN378), the flammability limit must be applied. This limit is applied by design and/or the inclusion of safety measures within the air conditioning system. Where these safety measures are required, they are already built into the Daikin system. No further measures are required to comply with BS-EN378 for toxicity. The UK.MVR300/R32 listed below does not meet the requirements of EN60355-2-40, and as such can only be employed as a warning device, and not as a means of meeting the requirements of EN60355-2-40.

It is recommended that guidance on the selection and installation of these systems is obtained from your local Daikin UK sales office.



Model		Description	Related Unit	Trade Price
	**UK.RDEM-Wht**	White single gang room based refrigerant gas detector. C/W power supply unit and terminals for connection to alarm network or VRV fan coil to force system shut down	All	**£435.00**
	**UK.RDEM-Wht/ Curve**	Curved white single gang room based refrigerant gas detector. C/W power supply unit and terminals for connection to alarm network or VRV fan coil to force system shut down	All	**£465.00**
	**UK.RDEM-St/St**	Stainless steel single gang room based refrigerant gas detector. C/W power supply unit and terminals for connection to alarm network or VRV fan coil to force system shut down	All	**£465.00**
	**UK.IMEC-RAD-32**	Network alarm hub for connection of up to 32 room alarms c/w webpage configuration screen. Hub can be connected in a pyramid formation for connection to a central alarm indicator panel (UK.IAMC)	All	**£2,780.00**
	**UK.IMEC-RAD-64**	Network alarm hub for connection of up to 64 room alarms c/w webpage configuration screen. Hub can be connected in a pyramid formation for connection to a central alarm indicator panel (UK.IAMC)	All	**£3,837.00**
	**UK.MVR300**	Room based refrigerant gas detector with remote room mounted white plastic facia plate. Provides local audible and visual alarm notification. Terminals for connection to alarm network and optional connection to VRV Fan coil to force system shut down	All	**£405.00**
	UK.MVR300/R32	R-32 room based refrigerant gas detector with remote room mounted white plastic facia plate. Provides local audible and visual alarm notification. Terminals for connection to alarm network and optional connection to VRV Fan coil to force system shut down		**£425.00**
	**UK.IAMC**	Alarm buzzer and lamp panel for mounting in a central building supervisor location	All	**£609.00**

Daikin Precision Piping Method

What is the Daikin precision piping method?

It is a method in which standard and customised sections of pipework are manufactured in a 'factory' environment. Preparation, bending, brazing and finally testing are carried out under controlled conditions. The sections are then delivered to site.

What are the benefits? The quality of pipework is consistent. This is especially important, given the increasing cost of refrigerant. It also means that an increased number of projects can be handled as time on site is reduced, and there is less need to outsource installation work when skilled labour is in short supply.

Modular PPM: This is when modular systems of PPM are manufactured, thus standardising the approved methodology for how installations should be carried out. This maximises space benefits and ease of maintenance.

Special Projects PPM: This is for bespoke projects which require PPM for a number of reasons e.g. complex piping, health and safety (no hot works allowed) or simply the desire for quality. Please contact Daikin to discuss your requirements and pricing.

Special PPM example



Modular PPM example



UK case study

Using the Great Eastern Project as a test case clearly demonstrates the saving on construction lead time by using PPM. The key element in this case study was to design for PPM: once the project was secured, PPM was manufactured in advance to reduce time on-site to just assembly. In this case study, we estimate a 20-30% reduction in skilled labour duration spent on site. This enabled labour to be deployed on other projects and also reduced the time spent on-site, speeding up the overall project delivery.

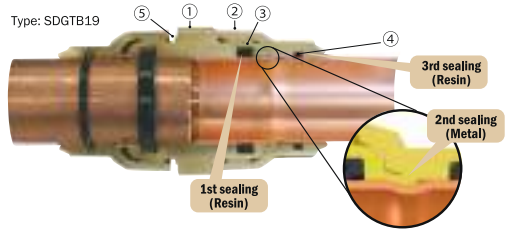
Modular PPM VRV Heat Recovery Condenser Outlet Sections

Unit HP	Combo #	Liquid	Discharge	Gas	Total weight [Kg]	W [mm]	H [mm]	D [mm]	Piping Kit A For 8HP Left Handed	Piping Kit A For 8HP Right Handed	List price
		Pipe dimensions - Inch [mm]									
8	A	3/8 (9.5)	5/8 (15.9)	3/4 (19.1)	1.29	300	300	400	UK.DA3PPM8/A/L	UK.DA3PPM8/A/R	£488
10	B	3/8 (9.5)	3/4 (19.1)	7/8 (22.2)	1.84	300	300	400	UK.DA3PPM10/B/L	UK.DA3PPM10/B/R	£515
12	C	1/2 (12.7)	3/4 (19.1)	1 1/8 (28.6)	2.51	300	300	400	UK.DA3PPM12-13/C/L	UK.DA3PPM12-13/C/R	£523
13	C	1/2 (12.7)	3/4 (19.1)	1 1/8 (28.6)	2.51	300	300	400	UK.DA3PPM12-13/C/L	UK.DA3PPM12-13/C/R	£541
14	D	1/2 (12.7)	7/8 (22.2)	1 1/8 (28.6)	2.84	300	300	400	UK.DA3PPM14-16/D/L	UK.DA3PPM14-16/D/R	£548
16	D	1/2 (12.7)	7/8 (22.2)	1 1/8 (28.6)	2.84	300	300	400	UK.DA3PPM14-16/D/L	UK.DA3PPM14-16/D/R	£548
16 [8+8]	D	1/2 (12.7)	7/8 (22.2)	1 1/8 (28.6)	2.84	300	300	400	UK.DA3PPM14-16/D/L	UK.DA3PPM14-16/D/R	£548
18	E	5/8 (15.9)	7/8 (22.2)	1 1/8 (28.6)	2.92	300	300	400	UK.DA3PPM18/E/L	UK.DA3PPM18/E/R	£554
18[8+10]	E	5/8 (15.9)	7/8 (22.2)	1 1/8 (28.6)	2.92	300	300	400	UK.DA3PPM18/E/L	UK.DA3PPM18/E/R	£554
20	F	5/8 (15.9)	1 1/8 (28.6)	1 1/8 (28.6)	3.49	300	300	400	UK.DA3PPM20-24/F/L	UK.DA3PPM20-24/F/R	£572
20[10+10]	F	5/8 (15.9)	1 1/8 (28.6)	1 1/8 (28.6)	3.49	300	300	400	UK.DA3PPM20-24/F/L	UK.DA3PPM20-24/F/R	£572
22	F	5/8 (15.9)	1 1/8 (28.6)	1 1/8 (28.6)	3.49	300	300	400	UK.DA3PPM20-24/F/L	UK.DA3PPM20-24/F/R	£572
24	F	5/8 (15.9)	1 1/8 (28.6)	1 3/8 (34.9)	3.85	300	300	400	UK.DA3PPM20-24/F/L	UK.DA3PPM20-24/F/R	£599
26	G	3/4 (19)	1 1/8 (28.6)	1 3/8 (34.9)	4.08	300	300	400	UK.DA3PPM26-36/G/L	UK.DA3PPM26-36/G/R	£618
28	G	3/4 (19)	1 1/8 (28.6)	1 3/8 (34.9)	4.08	300	300	400	UK.DA3PPM26-36/G/L	UK.DA3PPM26-36/G/R	£618
30	G	3/4 (19.1)	1 1/8 (28.6)	1 3/8 (34.9)	4.08	300	300	400	UK.DA3PPM26-36/G/L	UK.DA3PPM26-36/G/R	£618
32	G	3/4 (19.1)	1 1/8 (28.6)	1 3/8 (34.9)	4.08	300	300	400	UK.DA3PPM26-36/G/L	UK.DA3PPM26-36/G/R	£618
34	G	3/4 (19.1)	1 1/8 (28.6)	1 3/8 (34.9)	4.08	300	300	400	UK.DA3PPM26-36/G/L	UK.DA3PPM26-36/G/R	£618
36	G	3/4 (19.1)	1 1/8 (28.6)	1 5/8 (41.3)	5.06	300	300	400	UK.DA3PPM26-36/G/L	UK.DA3PPM26-36/G/R	£644
38	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
40	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
42	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
44	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
46	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
48	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
50	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
52	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671
54	H	3/4 (19.1)	1 3/8 (34.9)	1 5/8 (41.3)	5.42	300	300	400	UK.DA3PPM38-54/H/L	UK.DA3PPM38-54/H/R	£671

VRV Accessories

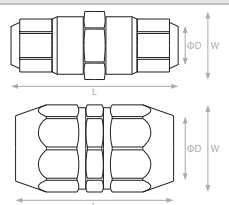
DGT Fireless Joint

Daikin Tightfit is a non-brazed connection suitable for piping. Pipes can be joined easily and quickly without brazing or using any special tools. It meets stringent safety requirements and provides leak-free tightness.



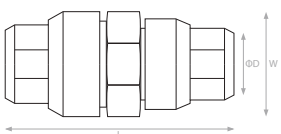
	Name	Material	Remark
1	Main body	C3771	Forged and Machined Brass
2	Nut	C3771	Forged and Machined Brass
3	Gasket	IIR	Main sealing
4	O-ring	EPDM	Secondary sealing & moisture stopper
5	Indicator	Luminous marker	Green colour

Standard joints (same size piping on each side)



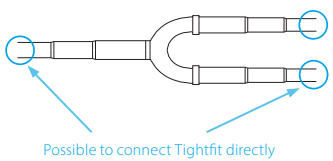
Box Model Name	No. of joints/box	Price/Box	Dimensions			
			D Ø	L (mm)	W (mm)	Single Weight (g)
UK.SDGT-1/4	10	£123.00	1/4" (6.4mm)	50.4	15	43
UK.SDGT-3/8	10	£145.00	3/8" (9.5mm)	55	20.6	79
UK.SDGT-1/2	10	£189.00	1/2" (12.7mm)	59	24.7	113
UK.SDGT-5/8	10	£212.00	5/8" (15.9mm)	74	32.1	210
UK.SDGT-3/4	5	£139.00	3/4" (19.1mm)	76.8	34.6	273
UK.SDGT-7/8	5	£156.00	7/8" (22.2mm)	83.4	40.2	292
UK.SDGT-1_1/8	6	£227.00	1 1/8" (28.6mm)	88	46.7	515
UK.DGT-1_3/8	5	£468.00	1 3/8" (34.9mm)	101.5	51.1	686
UK.DGT-1_5/8	4	£521.00	1 5/8" (41.3mm)	103.5	58.3	881

Asymmetry joints (different size piping on each side)



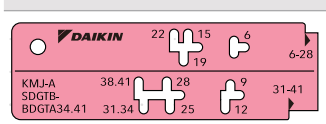
Box Model Name	No. of joints/box	Price/Box	Dimensions			
			D Ø	L (mm)	W (mm)	Single Weight (g)
UK.SDGT-1/4_3/8	10	£189.00	1/4"-3/8" (6.4-9.5mm)	52.7	20.6	67
UK.SDGT-3/8_1/2	10	£234.00	3/8"-1/2" (9.5-12.7mm)	57.5	24.7	101
UK.SDGT-1/2_5/8	10	£234.00	1/2"-5/8" (12.7-15.9mm)	65	32.1	164
UK.SDGT-5/8_3/4	10	£312.00	5/8"-3/4" (15.9-19.1mm)	76.8	34.6	244
UK.SDGT-3/4_7/8	5	£179.00	3/4"-7/8" (19.1-22.2mm)	81.5	40.2	358
UK.SDGT-7/8_1	5	£200.00	7/8"-1" (22.2-25.4mm)	85.8	43.5	444
UK.SDGT-1_1_1/8	6	£254.00	1"-1 1/8" (25.4-28.6mm)	88.1	46.7	505
UK.SDGT-1_1/8_1_3/8	5	£285.00	1 1/8"-1 3/8" (28.6-34.9mm)	101.5	51.1	645

Refnets compatible with DGT



Standard Refnet (for reference only)	DGT Compatible Refnet Code	Price/Refnet
KHRQ22M20TA	BHRG26A33T	£56.00
KHRQ22M20T		
KHRQ22M29T9		
KHRQ22M64T	BHRG26A72T	£68.00
KHRQ22M75T	BHRG26A73T	£91.00
KHRQ23M20T	BHRG25A33T	£105.00
KHRQ23M29T9		
KHRQ23M64T	BHRG25A72T	£112.00
KHRQ23M75T	BHRG25A73T	£141.00

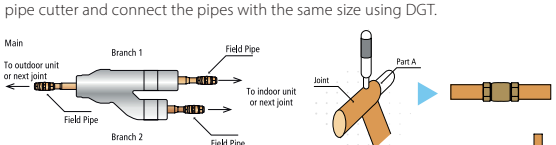
Accessories



New Measuring Tool	Trade Price
SDGT_GAUGE	£4.00

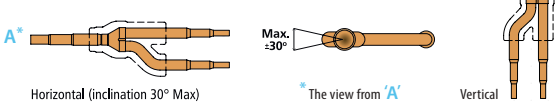
Installation procedure

According to selection procedure, cut the proper section of Refnet joint with a pipe cutter and connect the pipes with the same size using DGT.



Precautions

Install the joint so that it is branched vertically or horizontally.

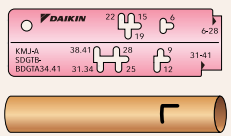


Step 1

Making the insertion standard line

Marking method: using marking gauge.

Mark the insertion 'T' or 'L' standard line with the marking gauge and marker pen at the proper position of each pipe size.

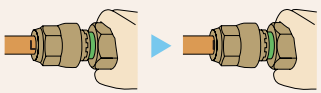


Step 2

Pipe insertion

1. Insert firmly by hand until the pipe stops.
2. Make sure that the insertion standard line is no longer visible.

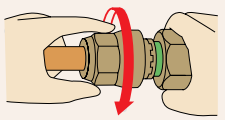
- Do not overtighten the nut before pipe insertion
- When inserting the pipe, do not apply excessive force. The O-ring will be damaged.



Step 3

Manual tightening of nut

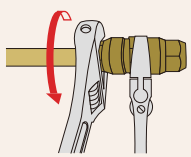
Hold the main body and tighten the nut in the direction of the arrow by hand until it will not turn anymore.



Step 4

Tightening of nut

Hold the main body and tighten the nut with a monkey wrench in the direction of the arrow until the green indicator disappears and the nut comes into contact with the flat face of the body..

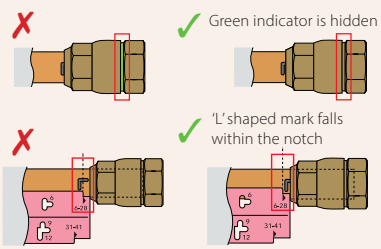


Check

Pipe insertion

1. Green indicator should be hidden.
2. Place the marking gauge on the end face of the nut and make sure that the 'T' or 'L' shaped mark falls completely within the notch in the marking gauge.

The marking gauge contains one notch for measuring the insertion of pipe of Ø28 mm or less, and another notch for measuring the insertion of pipe of Ø31 mm or more. Be sure you are using the correct notch when measuring.



If the 'T' or 'L' shaped mark falls outside the notch in the marking gauge, cut off the joint, replace it with a new joint, and carry out construction again.

Daikin Tightfit is awarded 3 Ticks Excellent Rating by Singapore Green Building Product (SGBP) scheme. SGBP is a certification for green building products and materials, ensuring that sustainability is integrated throughout the design and manufacturing process of green building products.

Ventilation

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For larger ventilation capacities from 2,000m^3/hr to 15,000m^3/hr see the Daikin modular AHU on pages 211-219 of this section, or for further detail, please see pages 307-317 of the Applied section.

The importance of residential ventilation

Thanks to stringent building regulations, new residential buildings are now well-insulated. A well-insulated property helps to minimise heat loss by preventing warm air from escaping, keeping the interior dry, warm and comfortable. Insulation also reduces reliance on domestic heating appliances to maintain a comfortable indoor environment, which in turn lowers energy bills.

While there are clear advantages in insulating properties, the building also needs to be able to breathe. Humid and stale air needs to be removed to create a comfortable environment. According to BEAMA, around 65% of homes in the UK suffer from poor air quality, including a toxic mix of mould, condensation and certain cleaning and building products. Residents affected by poor indoor quality can suffer from skin irritation, asthma, breathing difficulties and heart disease.

However, the answer is at hand. By employing a centralised ventilation system with heat recovery, indoor air quality can be significantly improved. In order to provide a residential ventilation solution Daikin is partnering with specialist company DUCO. As a specialist in managing indoor air quality, Daikin offers a range of innovative solutions. We provide a one-stop-shop for our network of professional customers; DUCO's Centralised Heat Recovery Ventilation (CHRV) system along with a complete range of accessories for ducting.

For support with residential ventilation scan QR code.

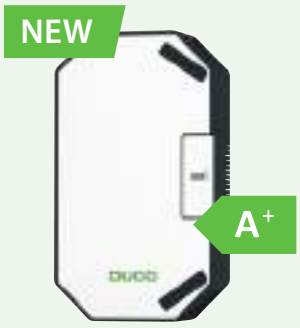




DucoBox Energy Comfort



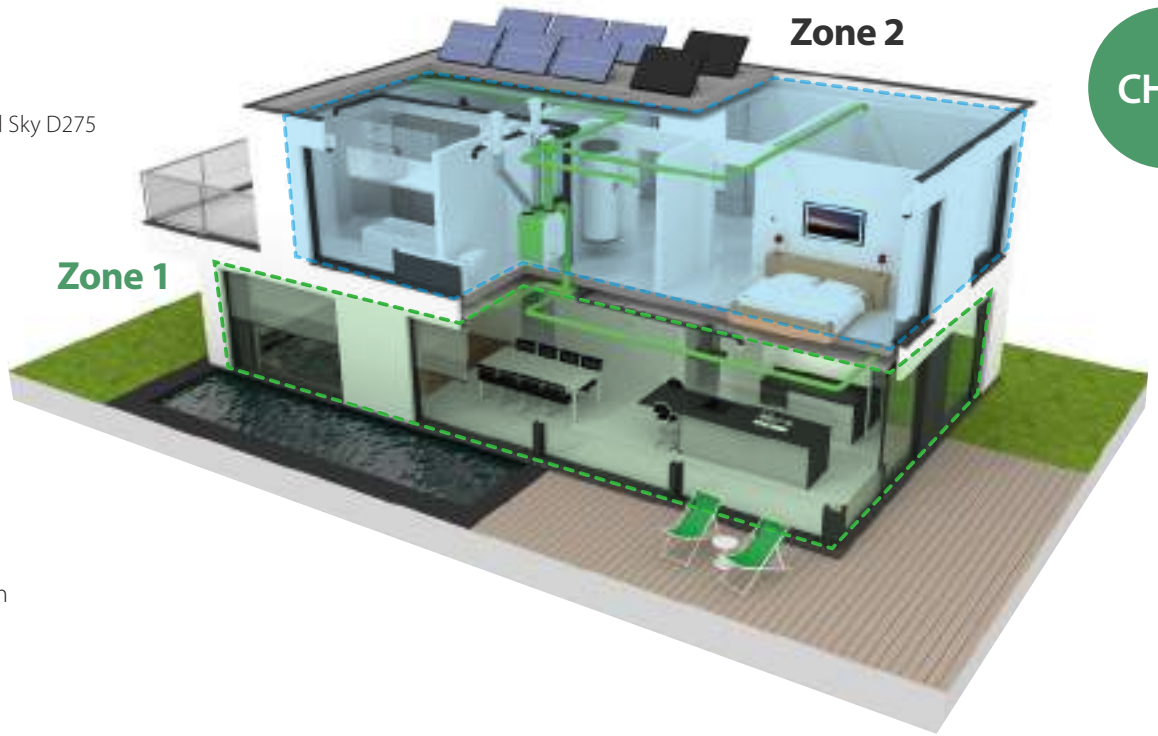
DucoBox Energy Comfort Plus



DucoBox Energy Sky D275

DUCO offers end-to-end solutions

- High-quality solutions complying with the highest Daikin quality standards
- Three types to meet the requirements: DUCO Energy Comfort, Comfort Plus and Sky D275
- One-stop-shop for end-to-end ventilation solution
- Smart demand control
- One of the quietest systems
- Automatic calibration
- Optimal indoor air quality due to two zone control



Only at Daikin

As an option the DUCO Energy Comfort, Comfort Plus and Sky D275 can use a multi-zone valve that helps regulate the airflow to the area where it is needed the most.

Sensors meticulously detect the residents' movements throughout the home. This makes it possible to automatically determine where, when and how much ventilation is required.

By controlling the two zones separately, the consumption of the EC fans is reduced considerably, thus achieving an A+ Energy label.



DucoFlex – Complete air duct system for CHRV systems

☑ Low Noise Air Ducts

- Low air-resistance
- Maximum comfort

☑ 100% Service

- Support from the research department
- One-stop-shop:
  one brand = one ventilation solution

☑ Complete Air Duct System

- One solution for every type of ventilation system
- Suitable for CHRV units

☑ 'Click & Go' System

- Handy click system
- Minimum parts and fittings
- Save time = save money

DucoBox Energy Comfort - First choice for building projects



With its adjustable capacity of up to 400 m³/h, this smart and silent ventilation unit is the ideal solution for apartments and houses due to its compact size. The left/right switch is 100% software-driven, thanks to the patented principle of double bypass. The dynamic air distribution filters, together with the smart demand control based on CO_2 and humidity, ensure exceptional efficiency within this compact unit.

Versions

Type	Supply / Extract Airflow Rate at 150 Pa	2- Zone System	Frost protection	Reference number	Trade Price
Comfort D325	325 m³/h	yes (external)	Imbalance* or external heater	00004591	£1,540.00
Comfort D400	400 m³/h	yes (external)	Imbalance* or external heater	00004757	£1,758.00

* Supply flow rate slows down so that more warm air passes across the heat exchanger to prevent freezing up.

Technical specifications

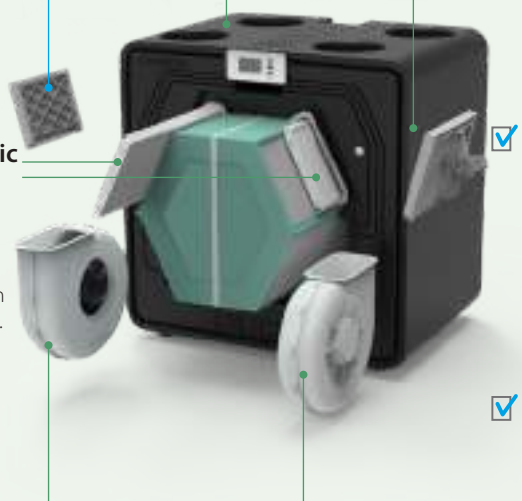
Physical Properties		D325	D400
Dimensions	H x W x D mm	705 x 700 x 525	800 x 756 x 584
Weight	kg	21	31
Casing		Coated sheet steel + EPP	
Colours		White + black	
Connections		Internal diameter: Ø 160 mm	Internal diameter: Ø 180 mm
Condensate drain		Ø 32 mm (1 ¼") (2x)	
Heat exchanger		PET / Polystyrene	PP / PET / Alu
Interior material		EPP / PP / ABS	
Power plug cable length		2 m (from top of device)	
Mounting		Wall mounting (standard) - Floor mounting optional	

Electrical Characteristics	D325	D400
Maximum electrical power	130 W (2 x 65 W)	150 W (2 x 75 W)
Power supply	230 V, 50 Hz via 3-core power cable with earthed plug	
Plugs	0-10 V in/outputs	
Motor type	DC	
Efficiency	At 325 m³/h: 85% - At 275 m³/h: 87% At 225 m³/h: 88%	At 400 m³/h: 83% - At 351 m³/h: 84% At 307 m³/h: 85%

Miscellaneous	
Energy Class	With 2 sensors: A+. Others: A
Filters	Supply air: Standard: ISO 16890 Coarse 65% (= G4) Supply air: Optional: ISO 16890 ePM1 55% (≈ F7) Exhaust air: Standard: ISO 16890 Coarse 65% (= G4)
Summer bypass	Full (100% modulating)
Frost protection	Imbalance or external heater
Fans	EC fan with curved blades
Automatic configuration	Yes (constant pressure)
Constant flow control	Yes
Controls	Integrated display Use via user controllers and control switches and room sensors Optionally via smartphone / tablet (if communication print in device*)
Sensors	Integrated: pressure, temperature, onboard switch contact External: CO2 (via optional room sensor), humidity (via optional room sensor), external switch contact (voltage-free input) (optional)
Communication	Standard: DUCO RF, DUCO Wired, Switch contact Can be expanded with communication print: ModBus, PWM-IN, PWM-OUT, Switch contact (3x), Ethernet, Micro SD-card slot

* Optional PCB to communicate via Modbus, PWM-IN / PWM-OUT, 3 x Switch Sensor (volt-free input), Ethernet, Micro SD card slot.

Making life easy for installers



Patented principle of double bypass

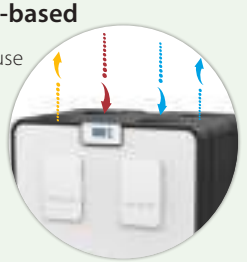
Dynamic Airflow Filters

For maximum efficiency.

Low power consumption due to energy-efficient EC motors

L/R switch: 100% software-based

This unit is very user-friendly because physical interventions are not necessary. The left/right switch is carried out 100% by software thanks to a patented principle of double bypass.



Compact and light unit: 705 x 700 x 525 mm



Weighing just 21kg, the lightweight unit can easily be installed by one person. With its compact dimensions, the unit is ideal for a small technical space.



Smart copy function

Thanks to a 'copy' function integrated on a software level, the installer can copy the settings and parametrisation of one DucoBox Energy Comfort onto the next DucoBox Energy Comfort. This is particularly useful in a serial construction with the same types of houses.

Automatic calibration

Relying on the principles of calibration at constant pressure, this method achieves a 50% saving on calibration time. DUCO saves you time.



Smart demand control based on CO_2 and/or humidity measurement

DucoBox Energy Comfort Plus

This CHRV with heat recovery is ideal for installation in an energy-neutral home of the future. The automatic calibration and optional multi-zone control with demand control ensure ultra-quiet, intelligent and energy-saving operation.



Versions

Type	Supply / Extract Airflow Rate at 150 Pa	Supply / Extract Airflow Rate at 200 Pa	2- Zone System	Frost protection	Reference number	Trade price
Comfort Plus 350	350 m^3/h	350 m^3/h	yes (external)	Imbalance* or external heater	00004758	**£2,106.00**
Comfort Plus 450	450m^3/h	450m^3/h	yes (external)	Imbalance* or external heater	00004759	**£2,357.00**
Comfort Plus 550	550m^3/h	550m^3/h	yes (external)	Imbalance* or external heater	00004923	**£2,729.00**

* Supply flow rate slows down so that more warm air passes across the heat exchanger to prevent freezing up.

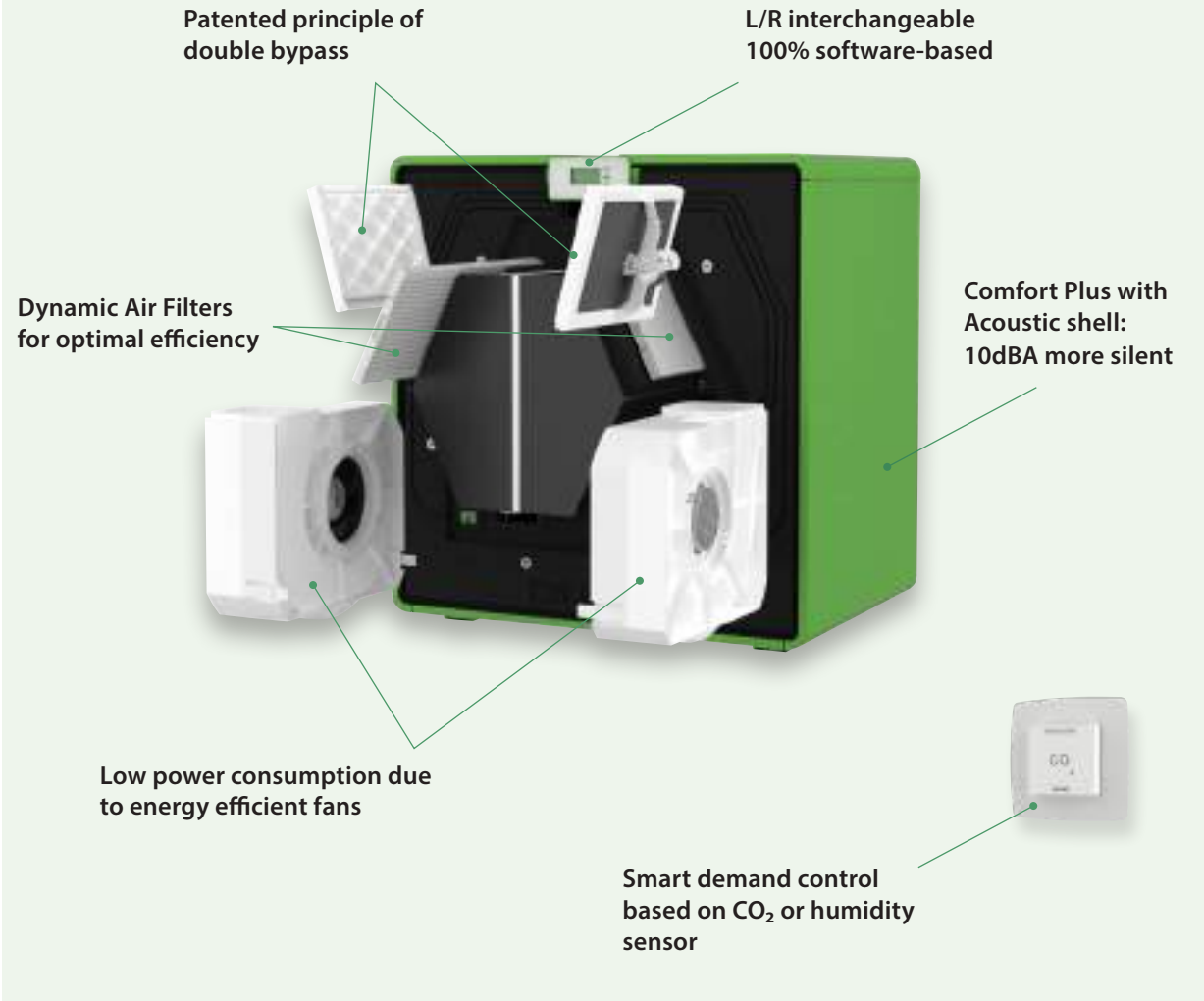
Technical specifications

Physical Properties	D350	D450	D550
Dimensions H x W x D mm	803 x 760 x 584		
Weight kg	47		
Casing	Coated sheet steel		
Colours	White + green		
Connections	Internal diameter: Ø 180 mm		
Condensate drain	Ø 32 mm (1 ¼") (2x)		
Heat exchanger	PP / PET / Alu		
Interior material	EPP / PP / ABS		
Power plug cable length	2 m (from top of device)		
Mounting	Wall mounting (standard) - Floor mounting optional		

Electrical Characteristics	D350	D450	D550
Maximum electrical power	120 W (2 x 60 W)	200 W (2 x 100 W)	221 W (2 x 110W)
Power supply	230 V, 50 Hz via 3-core power cable with earthed plug		
Plugs	0-10 V in/outputs		
Motor type	DC		
Efficiency	At 350 m^3/h: 84% At 307 m^3/h: 85% At 225 m^3/h: 86%	At 450 m^3/h: 81% At 418 m^3/h: 82% At 377 m^3/h: 83%	At 550 m^3/h: 78 % At 515 m^3/h: 79 % At 471 m^3/h: 80 %

Miscellaneous	
Energy Class	With 2 sensors: A+. Others: A
Filters	Supply air: Standard: ISO 16890 Coarse 65 % (≈ G4) Supply air: Optional: ISO 16890 ePM1 70% (≈ F7) Exhaust air: Standard: ISO 16890 Coarse 65 % (≈ G4)
Summer bypass	Full (100% modulating)
Frost protection	Imbalance or external heater
Fans	EC fan with curved blades
Automatic configuration	Yes (constant pressure)
Constant flow control	Yes
Controls	Integrated display Use via user controllers and control switches and room sensors Optionally via smartphone / tablet (if communication print in device*)
Sensors	Integrated: pressure, temperature, onboard switch contact External: CO2 (via optional room sensor), humidity (via optional room sensor), external switch contact (voltage-free input) (optional)
Communication	Standard: DUCO RF, DUCO Wired, Switch contact Can be expanded with communication print: ModBus, PWM-IN, PWM-OUT, Switch contact (3x), Ethernet, Micro SD-card slot

* Optional PCB to communicate via Modbus, PWM-IN / PWM-OUT, 3 x Switch Sensor (volt-free input), Ethernet, Micro SD card slot.



DucoBox Energy Sky D275

The Sky really has no limit with this compact ventilation box and its various mounting options. You save more than 50% on calibration time due to automatic calibration, copy function and 100% interchangeability. Smart demand control ensures the unit is energy-efficient. The device is extremely light (19 kg), making it easy to install and with a maximum emission from casing of 54dB, it is very quiet.

NEW



Versions

Type	Supply / Extract Airflow Rate at 150 Pa	Supply / Extract Airflow Rate at 200 Pa	2- Zone System	Frost protection	Reference number	Trade price
Sky D275	275 m³/h	275 m³/h	yes (external)	Imbalance* or external heater	00004940	£1,543.00

*Supply flow rate slows down so that more warm air passes across the heat exchanger to prevent freezing up.

Technical specifications

Physical Properties			D275
Dimensions	H x W x D	mm	295 x 1,180 x 670
Weight		kg	19
Casing			EPP + Polystyrene
Colours			White + black
Connections			Internal diameter: Ø 160 mm
Condensate drain			Ø 32 mm (1 ¼") (2x)
Heat exchanger			Polystyrene
Interior material			EPP / PP / ABS
Power plug cable length			2 m (from side of the unit)
Mounting			Ceiling mounting (standard) - wall mounting optional

Electrical Characteristics	D275
Maximum electrical power	130 W (2 x 65W)
Power supply	230 V, 50 Hz via 3-core power cable with earthed plug
Plugs	0-10 V in/outputs
Motor type	DC
Efficiency	At 274 m3/h: 85 % - At 231 m3/h: 86 % At 180 m3/h: 87 % - At 140m3/h: 88 %

Miscellaneous	
Energy Class	With 2 sensors: A+. Others: A
Filters	Supply air: Standard: ISO 16890 Coarse 65 % (≈ G4) Supply air: Optional: ISO 16890 ePM1 55% (≈ F7) Exhaust air: Standard: ISO 16890 Coarse 65 % (≈ G4)
Summer bypass	Full (100% modulating)
Frost protection	Imbalance or external heater
Fans	EC fan backward with curved blades
Automatic configuration	Yes (constant pressure)
Constant flow control	Yes
Controls	Integrated display Use via user controllers and control switches and room sensors Optionally via smartphone / tablet (if communication print in device*)
Sensors	Integrated: pressure, temperature, onboard switch contact External: CO2 (via optional room sensor), humidity (via optional room sensor or measurement in ETA), external switch contact (voltage-free input) (optional)"
Communication	Standard: DUCO RF, DUCO Wired, Switch contact Can be expanded with communication print: ModBus, PWM-IN, PWM-OUT, Switch contact (3x), Ethernet, Micro SD-card slot

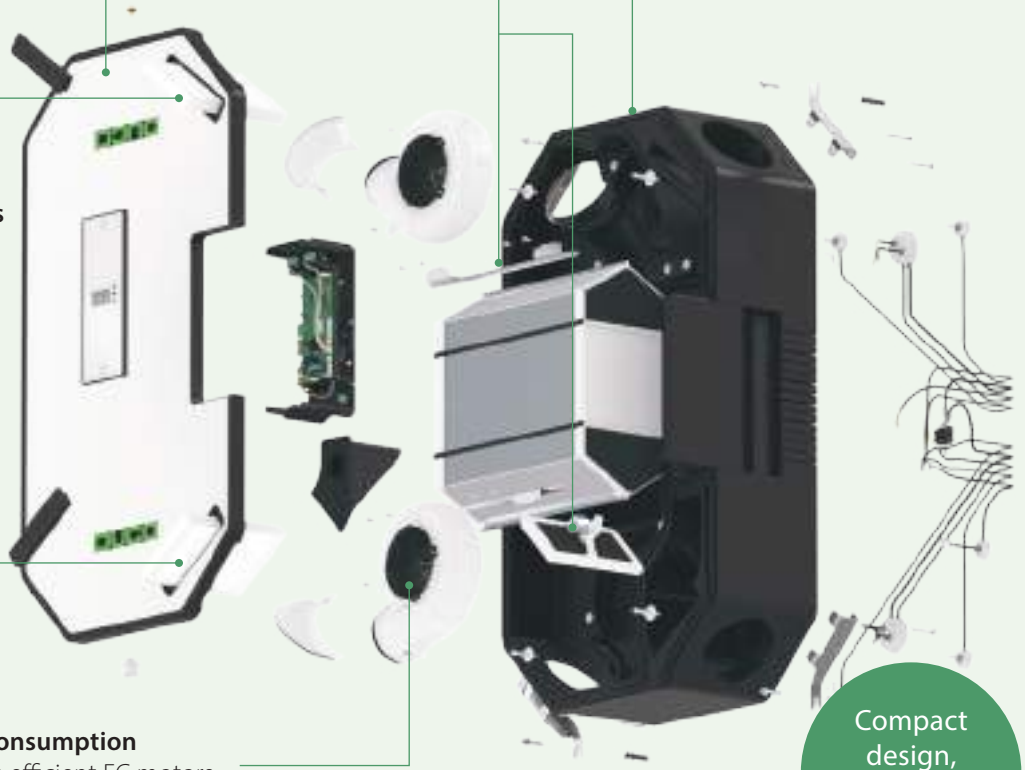
*Optional PCB to communicate via Modbus, PWM-IN / PWM-OUT, 3 x Switch Sensor (volt-free input), Ethernet, Micro SD card slot.

L/R interchangeable
100% software-based

Patented principle
of double by-pass

Smart 2-zone control
With external valves

Dynamic Airflow Filters
For maximum efficiency

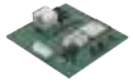


Low power consumption
due to energy-efficient EC motors

Compact design, lightweight, silent!

DUCO residential ventilation material list

NEW

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Sky D275	Trade Price	
Accessories	00004945	Communication print WIFI (PCB for comunication via ModBus, PWM-IN/OUT, 3 x Switch Sensors, Ethernet, Micro SD)	✓	✓	✓	£162.00	
	00004376	Flat siphon	✓	✓	✓	£55.00	
	00004547	Filter set 2 x Coarse 65% (G4)	✓			£53.00	
	00004661	Filter set 1 x Coarse 65% (G4) & 1 ePM1 55% (F7)	✓			£63.00	
	00004741	Filter set 2 x Coarse 65 % (G4)		✓		£53.00	
	00004742	Filter set Coarse 65% (G4) & ePM1 70% (F7)		✓		£55.00	
	00004950	Filterset 2x Coarse 65% Energy Sky			✓	£30.00	
	00004951	Filterset 1x Coarse 65% & 1x ePM1 55% Energy Sky			✓	£31.00	
	00004418	Coaxial cable set 8m	✓	✓	✓	£29.00	
	00004825	Pre-Heater - 1425W	✓	✓		£200.00	
	00007003	Pre-Heater - 1150W Sky			✓	£200.00	
	00004761	Multizone Valve (Sensorless) Ø125	✓	✓	✓	£121.00	
	00004760	Multizone Valve (Sensorless) Ø160	✓	✓	✓	£121.00	
	00004763	Power supply 230VAC-24VDC/20W + housing	✓	✓	✓	£36.00	
Controls	00004174	Switching contact RF / 230V	✓	✓	✓	£109.00	
	00004723	Humidity Box Sensor	✓	✓	✓	£113.00	
	00004600	User controller RF / Battery White	✓	✓	✓	£66.00	
	00004602	User controller RF / Wired White	✓	✓	✓	£137.00	
	00004604	CO_2 sensor + controller RF / Wired white	✓	✓	✓	£268.00	
	00004606	Humidity sensor + controller RF / Wired white	✓	✓	✓	£164.00	
	00004637	CO_2 sensor without command RF / Wired white	✓	✓	✓	£202.00	

More products available on request, please contact your local office or sales engineer.

NEW

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Sky D275	Trade Price	
Vents	00004903	DucoVent Premium (supply / extract)	✓	✓	✓	£73.00	
	00004179	DucoVent Design Square (extract)	✓	✓	✓	£66.00	
	00004226	DucoVent Design Square XL (supply / extract)	✓	✓	✓	£66.00	
	00004211	DucoVent Design Rounded Square (extract)	✓	✓	✓	£66.00	
	00004227	DucoVent Design Rounded Square XL (supply / extract)	✓	✓	✓	£66.00	
	00004210	DucoVent Design Round (supply / extract)	✓	✓	✓	£66.00	
	00004769	DucoVent Comfort (supply / extract)	✓	✓	✓	£30.00	
	00004178	DucoVent Basic (supply / extract)	✓	✓	✓	£14.00	
DucoFlex	00004552	Circular air duct D63 - 50m	✓	✓	✓	£130.00	
	00004674	Circular air duct D75 - 50m	✓	✓	✓	£161.00	
	00004692	Circular air duct D90 - 50m	✓	✓	✓	£191.00	
	00004567	Oval rigid W163 x H68 - 1.15m	✓	✓	✓	£14.00	
	00004563	Floor plenum 12 x 63 - D180	✓	✓	✓	£128.00	
	00004565	Floor plenum 12 x 63 - 2 oval	✓	✓	✓	£128.00	
	00004564	Ceiling plenum 12 x 63 - D180	✓	✓	✓	£128.00	
	00004687	Distribution box (floor / ceiling) 4 oval air ducts (F) D160	✓	✓	✓	£53.00	
	00004701	Distribution box (floor / ceiling) 3 oval air ducts (F) + 1 oval air duct (M)	✓	✓	✓	£53.00	

More products available on request, please contact your local office or sales engineer.

NEW

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Sky D275	Trade Price	
DucoFlex	00004681	90° Splitter vent connector long - oval/ D125	✓	✓	✓	£14.00	
	00004682	90° Splitter vent connector short - oval/ D125	✓	✓	✓	£12.00	
	00004566	Connector riser round D160 - 2 oval	✓	✓	✓	£32.00	
	00004684	Adapter 3 x 63 oval	✓	✓	✓	£19.00	
	00004841	Adapter 3 x 75 oval	✓	✓	✓	£22.00	
	00004685	Adapter 2 x 75 oval	✓	✓	✓	£20.00	
	00004686	Adapter 2 x 90 oval	✓	✓	✓	£22.00	
	00004638	Horizontal connector D125 - 1 oval	✓	✓	✓	£17.00	
	00004700	Horizontal connector D160 - 2 oval	✓	✓	✓	£26.00	
	00004543	Reducer 160 / 125	✓	✓	✓	£7.00	
	00004724	Connection Sleeve with Sealing Ring D160/D160 (M/M)	✓	✓	✓	£7.00	
	00004725	Connection Sleeve with Sealing Ring D180/D160 (M/M)	✓	✓	✓	£8.00	
	00004726	Connection Sleeve with Sealing Ring D180/D180 (M/M)	✓	✓	✓	£8.00	
	00004727	Connection Sleeve with Sealing Ring D200/D180 (M/M)	✓	✓	✓	£15.00	
	00004949	Connection piece 45° with joint D160/D160 (M/M)	✓	✓	✓	£15.00	
	00004554	Coupling D63	✓	✓	✓	£5.00	
	00004677	Coupling D75	✓	✓	✓	£8.00	
	00004678	Coupling D90	✓	✓	✓	£8.00	

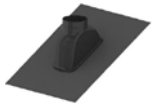
More products available on request, please contact your local office or sales engineer.

NEW

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Sky D275	Trade Price	
DucoFlex	00004568	Oval rigid - Connection Pieces	✓	✓	✓	£5.00	
	00004679	Elbow 90° D75	✓	✓	✓	£19.00	
	00004680	Elbow 90° D90	✓	✓	✓	£22.00	
	00004609	Oval Rigid - 90° horizontal (can be split into 45°)	✓	✓	✓	£12.00	
	00004699	Oval Rigid - 90° vertical	✓	✓	✓	£12.00	
	00004553	O-ring D63 (10 units)	✓	✓	✓	£12.00	
	00004675	O-ring D75 (10 units)	✓	✓	✓	£17.00	
	00004676	O-ring D90 (10 units)	✓	✓	✓	£20.00	
	00004599	Duct cutter D63	✓	✓	✓	£53.00	
	00004688	Duct cutter D75	✓	✓	✓	£55.00	
	00004689	Duct cutter D90	✓	✓	✓	£60.00	
	00004569	Star Round Rigid Duct D160 - 1000mm - Insulated EPP	✓	✓	✓	£27.00	
	00004909	Star Round Rigid Duct D180 - 1000mm - Insulated - EPS	✓	✓	✓	£36.00	
	00004905	Star Round Rigid Duct D200 - 1000mm - Insulated - EPS	✓	✓	✓	£41.00	
	00004571	Star Elbow 90° - D160 - Insulated - EPP	✓	✓	✓	£17.00	
	00004910	Star Elbow 90° - D180 - Insulated - EPS	✓	✓	✓	£26.00	
	00004906	Star Elbow 90° - D200 - Insulated - EPS	✓	✓	✓	£27.00	
	00004573	Star Elbow 45° - D160 - Insulated - EPP	✓	✓	✓	£14.00	
	00004911	Star Elbow 45° - D180 - Insulated - EPS	✓	✓	✓	£22.00	
	00004907	Star Elbow 45° - D200 - Insulated - EPS	✓	✓	✓	£26.00	

More products available on request, please contact your local office or sales engineer.

NEW

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Sky D275	Trade Price	
DucoFlex	00004575	Star Connection Piece D160 - Insulated - EPP	✓	✓	✓	£3.00	
	00004912	Star Connection Piece D180 - insulated - EPS	✓	✓	✓	£8.00	
	00004908	Star Connection Piece D200 - insulated - EPS	✓	✓	✓	£8.00	
	00004627	Wall terminal white D160	✓	✓	✓	£89.00	
	00004628	Wall terminal white D180	✓	✓	✓	£106.00	
	00004913	Wall terminal white D200	✓	✓	✓	£130.00	
	00004582	Roof terminal Compact D160 - Slate	✓	✓	✓	£75.00	
	00004920	Roof terminal Compact 200 - Slate	✓	✓	✓	£142.00	
	00004578	Roof terminal D160 / D180	✓	✓	✓	£125.00	
	00004915	Roof terminal D200	✓	✓	✓	£151.00	
	00004581	Roof terminal for flat roofs D160 / D180	✓	✓	✓	£34.00	
	00004916	Roof terminal for flat roofs D210	✓	✓	✓	£44.00	
	00004579	Roof terminal tile D160/180	✓	✓	✓	£132.00	
	00004917	Roof terminal tile D210	✓	✓	✓	£153.00	
	00004631	Silencer D160 (M/M) - 1000mm	✓	✓	✓	£37.00	
	00004632	Silencer D180 (M/M) - 1000mm	✓	✓	✓	£39.00	
	00004587	Silencer Semi Rigid D160 - 1000mm	✓	✓	✓	£58.00	
	00004588	Silencer Semi Rigid D180 - 1000mm	✓	✓	✓	£66.00	
	00004919	Silencer Semi Rigid D200 - 1000mm	✓	✓	✓	£89.00	

More products available on request, please contact your local office or sales engineer.



Commercial Ventilation Solutions

Daikin offers a variety of solutions, from small heat recovery ventilation to large-scale air handling units. Our solutions provide fresh air ventilation to homes or commercial outlets such as offices, hotels, stores and more.

Ventilation solutions

Daikin offers state-of-the-art ventilation solutions that can easily be integrated into any project.

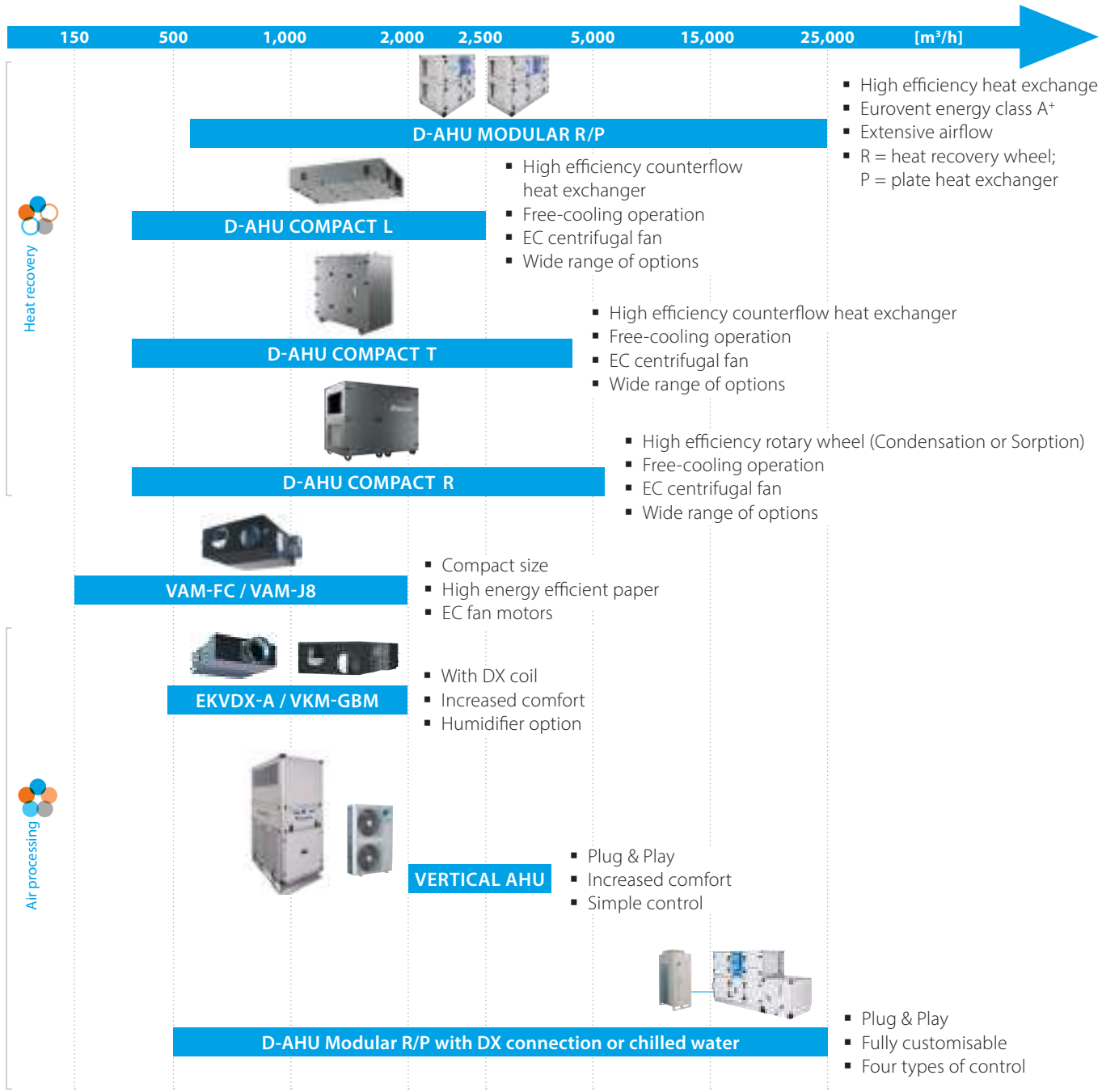
- High-quality solutions complying with the highest Daikin quality standards
- Seamless integration of all products to provide the best indoor climate
- All Daikin products connected to a single controller for complete control of the HVAC system

Heat reclaim ventilation – Ventilation with heat recovery as standard

Proper ventilation is a key component of climate control in buildings, offices and shops and part of the EU requirements. Our heat recovery units can recover both sensible and latent heat, substantially reducing the air conditioning load by up to 40%. The range starts from as low as 150 m³/h to 2,000 m³/h (VAM) and goes up to 25,000 m³/h (Modular AHU).

Ventilation with DX connection – Control over fresh air temperature

Daikin offers a range of R-410A inverter condensing units to be used in combination with Daikin AHUs for ultimate control over the fresh air. There are four control possibilities when combining AHU and Daikin outdoor units hence offering all the required flexibility for any installation. Indoor units can be combined with the same outdoor unit to reduce the installation costs. For false-ceiling installations where space is a constraint, the VKM can fit perfectly to deliver fresh air at a comfortable temperature and it has an optional humidification element.



Using VRV and ERA condensing units for connection to air handling units



High efficiency – Daikin heat pumps are renowned for their high energy efficiency. Integrating the AHU with a heat recovery system is even more effective since an office system can frequently be in cooling mode. At the same time, the outdoor air is too cold to be brought inside in an unconditioned state. In this case, heat from the offices is merely transferred to heat the cold incoming fresh air.

Fast response to changing loads – resulting in high comfort levels. Daikin ERA and VRV units respond rapidly to fluctuations in supply air temperature, resulting in a steady indoor temperature and resultant high comfort levels for the end-user. The ultimate is the VRV range which improves comfort even more by offering continuous heating, also during defrost.

Easy design and installation – The system is easy to design and install since no additional water systems such as boilers, tanks and gas connections etc. are required. This also reduces both the total system investment and running cost.

Daikin fresh air package

- If the pre-sized fresh air solution does not match the need.
- Plug & Play connection between VRV/ERA and the entire D-AHU modular range.
- Factory fitted and welded control and expansion valve kits.

Benefits for the installer

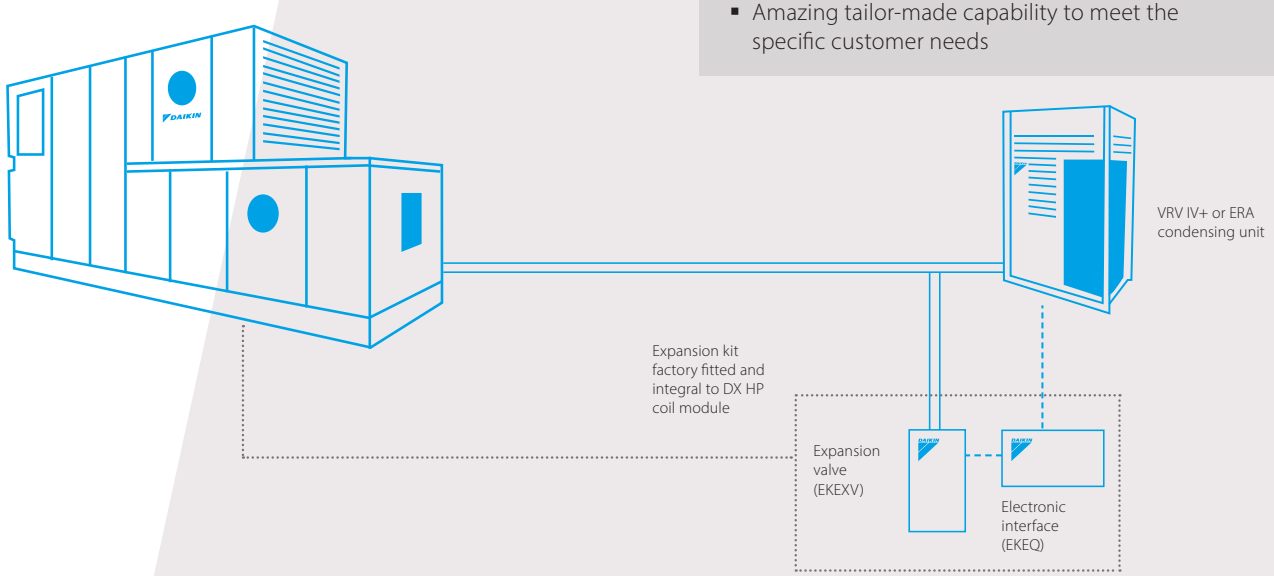
- Simple precise commissioning through pre-programmed DDC controller
- Reduced installation time thanks to internal electrical wiring and external terminal connections avoiding drilling into unit panels
- Flush-mounted electrical control panel avoiding risk of damage during transport and installation

Benefits for the consultant

- Quick selection tool - in-house developed web software with improved user interface allowing for a professional report in a few clicks
- Unlimited configuration options

Benefits for the end-user

- Energy-efficient controls, allowing the user to determine a wide range of settings, resulting in excellent operational flexibility
- Safe operation - fully integrated electrical panel for units taller than 80cm
- Amazing tailor-made capability to meet the specific customer needs





Ventilation

Achieving high indoor air quality for building occupants is an essential factor in HVAC design, especially in light of building regulations and the airtight nature of modern buildings.

Daikin offers a range of options that enable control of fresh air into commercial and residential spaces. For flow rates of up to 0.556m³/s, our VAM / VKM range of heat recovery ventilation products can efficiently deliver controlled fresh air to meet your design priorities. For larger fresh air requirements, see our AHU range on pages 211-219 of this section, or for further detail, please see pages 325-335 of the Applied section.

VAM-FC/J8
Total Heat Exchanger

Our popular range of Total Heat Exchangers (VAM) are fully compliant with the lot 6 Ecodesign requirements and rated under the EN 308* testing standard. VAM units recover waste energy from the exhaust airstream to minimise running costs and reduce the carbon footprint of the building.

Eliminates **up to 73%** of the additional heating and cooling loads caused by introducing fresh air



VAM-FC/J8

Total Heat Exchanger

			VAM150FC9	VAM250FC9	VAM350J8	VAM500J8	VAM650J8	VAM800J8	VAM1000J8	VAM1500J8	VAM2000J8
Dimensions (excluding switch box & transitions)	Height	mm	285	285	305	305	368	368	368	731	731
	Width	mm	776	776	1113	1113	1354	1354	1354	1354	1354
	Depth	mm	525	525	866	866	920	1172	1172	1172	1172
Weight		kg	24	24	46.5	46.5	61.5	76.5	76.5	160	160
Duct Connection Diameter		mm	100	150	200	200	250	250	250	2 x 250**	2 x 250**
Air Flow Rate	Ultra-High	m³/hr	150	250	350	500	650	800	1000	1500	2000
	High	m³/hr	140	230	300	425	550	680	850	1275	1700
	Low	m³/hr	105	155	200	275	350	440	550	825	1100
	Ultra-High	m³/sec	0.042	0.069	0.097	0.139	0.181	0.222	0.278	0.417	0.556
	High	m³/sec	0.039	0.064	0.083	0.118	0.153	0.189	0.236	0.354	0.472
	Low	m³/sec	0.029	0.043	0.056	0.076	0.097	0.122	0.153	0.229	0.306
External Static Pressure	Ultra-High	Pa	90	70	90	90	90	90	90	90	90
	High	Pa	87	63	70	70	70	70	70	70	70
	Low	Pa	40	25	50	50	50	50	50	50	50
Sound Pressure Level (Heat Exchange Mode)	Ultra-High	dBA	27.0	28.0	34.5	37.5	39.0	39.0	42.0	42.0	45.0
	High	dBA	26.0	26.0	32.0	35.0	36.0	36.0	38.5	39.0	41.5
	Low	dBA	20.5	21.0	29.0	30.5	31.0	30.5	32.5	33.5	36.0
Electrical Details	Power Supply	V / Hz / Phase	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Running Current	A	0.9	0.9	1.6	2.1	2.8	4.4	4.9	8.8	9.8
	Max Fuse Size	A	16	16	16	16	16	16	16	16	16
Trade Unit Price			**£675.00**	**£809.00**	**£1,198.00**	**£1,532.00**	**£1,873.00**	**£2,207.00**	**£2,529.00**	**£3,863.00**	**£5,038.00**

* For full details of specifications relating to EN308 please see the technical data book. ** 1 x 350 if optional plenum chambers EKPLEN200 are used.

Optional Accessory Compatibility	VAM150FC9	VAM250FC9	VAM350J8	VAM500J8	VAM650J8	VAM800J8	VAM1000J8	VAM1500J8	VAM2000J8
Inlet Heater Battery+	GSIEKA10009	GSIEKA15018	GSIEKA20024		GSIEKA25030			GSIEKA35530	

\+ Heater battery does NOT require PCB adaptor to connect to VAM. UK.VH-CK VAM EHBX24 conversion kit cable included.
++ EKPLEN200 is required to connect VH5B to VAM1500 / 2000 J.

Optional Inlet Heater Battery		GSIEKA10009	GSIEKA15018	GSIEKA20024	GSIEKA25030	GSIEKA35530
Capacity	kW	0.9	1.8	2.4	3.0	3.0
Recommended Fuse Size	A	6	10	16	16	16
Duct Diameter	mm	100	150	200	250	355
Trade Unit Price		**£489.00**	**£523.00**	**£627.00**	**£682.00**	**£777.00**

Accessories:

Accessory Ref	Description	Trade Price
BRC1KPD51W	Enhanced wired touch screen controller - White	**£179.00**
BRC1KPD51K	Enhanced wired touch screen controller - Black	**£195.00**
BRC1H52W7	Wired touch screen controller - White	**£133.00**
BRC1H52S7	Wired touch screen controller - Silver	**£140.00**
BRC1H52K7	Wired touch screen controller - Black	**£145.00**
KRP2A52 and UK.FB2	System adaptor PCB for remote on/off, status indication and temperature setting	**£330.00**
EKMBPP1A and UK.FB2	Modbus Interface PCB for Sky Air and VRV	**£336.00**
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	**£411.00**
KRP50-2	PCB Adaptor for VAM-FC series connection to humidifier	**£175.00**
BRP4A50A	PCB Adaptor for VAM-FC9 & VAM-J8 Series connection to 3rd party heater or humidifier	**£197.00**
EKMP65VAM	Mounting Plate for adaptor PCB installation on VAM650J8	**£45.00**
EKMPVAM	Mounting Plate for adaptor PCB installation on VAM1500 / 2000 J8	**£41.00**

Accessory Ref	Description	Trade Price
EKAFVJ50F6	Air filter for VAM350 / 500 J8 : ePM10 70% (M6)	**£174.00**
EKAFVJ50F7	Air filter for VAM350 / 500 J8 : ePM1 55% (F7)	**£191.00**
EKAFVJ50F8	Air filter for VAM350 / 500 J8 : ePM1 70% (F8)	**£212.00**
EKAFVJ65F6	Air filter for VAM650J8: ePM10 70% (M6)	**£191.00**
EKAFVJ65F7	Air filter for VAM650J8: ePM1 55% (F7)	**£212.00**
EKAFVJ65F8	Air filter for VAM650J8: ePM1 70% (F8)	**£235.00**
EKAFVJ100F6	Air filter for VAM800 / 1000 / 1500 / 2000 J8 : ePM10 70% (M6)	**£233.00**
EKAFVJ100F7	Air filter for VAM800 / 1000 / 1500 / 2000 J8 : ePM1 55% (F7)	**£258.00**
EKAFVJ100F8	Air filter for VAM800 / 1000 / 1500 / 2000 J8 : ePM1 70% (F8)	**£285.00**
BRYMA65	CO_2 Sensor for VAM350 / 500 / 650 J8	**£624.00**
BRYMA100	CO_2 Sensor for VAM800 / 1000 J8	**£624.00**
BRYMA200	CO_2 Sensor for VAM1500 / 2000 J8	**£624.00**
EKPLEN200	Plenum chamber for VAM1500 / 2000 J8 (4 required per VAM) 350mm duct	**£101.00**

CO_2 sensors for VAM-J range minimise running costs, delivering only the ventilation amounts required to maintain your indoor air quality

Notes:

i) Please contact your local sales office for required options when combined operation with an air conditioning system is required.

ii) Only one filter is required to cover the whole of one side of the heat exchanger, even if the heat exchanger has two sections.
For VAM 1500/2000 two filters are required.

iii) VKM models must be connected as the slave indoor unit of a standard VRV indoor unit and share the same BRC1H* remote controller and BS-Q box (If connected to Heat Recovery).

VAM filter options to suit your application

A range of VAM filter options is available to suit different outdoor air quality levels and indoor air quality requirements. The VAM-J range comes with a standard G3 filter. However, this can be upgraded to suit your particular situation and application.

Filter overview

FILTERS	Number of filters	U4 (pre-filter + filter for supply air, pre-filter + filter for exhaust)
	Standard filters	G3
	Optional filters	M6, F7, F8
	Optional pre-filters	G3, M6
	Filter replacement trigger	Fan power based
	Previous EN 13779 compliance	Up to IDA2 / ODA2
	New EN 16798-3:2017 compliance	Up to SUP2 / ODA3





Filter selection and unit set-up

- Choose the required air flow
- Select the filter [see tables *right*]
- Add up the pressure drops of the duct system on-site and the filter pressure drop at the design air flow rate [see data book for filter characteristics]
- Compare with unit performance characteristics to see resulting airflow and ESP

Outdoor Air Environment

Table 1

Outdoor air quality	
ODA 1	Pure air
ODA 2	High concentration of particles in air
ODA 3	High concentration gas pollution and particles
Indoor air quality	
IDA 1	Optimum quality air [required in hospitals, laboratories, nurseries etc]
IDA 2	Good air quality [required in offices, residential environments, museums etc]
IDA 3	Medium air quality [required in commercial buildings, cinemas, theatres, hotels, bars, gyms, computer rooms]

Filter option specifications

All filters are to EN779:2012 standard.

Table 2

Outdoor air quality	Indoor air quality		
	IDA 1	IDA 2	IDA 3
ODA 1	NA	ePM_1 70% (F8)	ePM_1 50% (F7)
ODA 2	NA	ePM_{10} 70% (M6) ePM_1 70% (F8)	ePM_{10} 75% (M5) ePM_1 50% (F7)
ODA 3	NA	NA	ePM_{10} 75% (M5) ePM_1 50% (F7)

Filter pressure drop for selected unit at nominal air flow rate

Table 3

Unit	Airflow [m3/Hr]	ePM10 70% (M6)	ePM1 55% (F7)	ePM1 70% (F8)
VAM350J8	350	39 Pa	52 Pa	88 Pa
VAM500J8	500	65 Pa	87 Pa	148 Pa
VAM650J8	650	61 Pa	83 Pa	140 Pa
VAM800J8	800	89 Pa	121 Pa	206 Pa
VAM1000J8	1000	80 Pa	109 Pa	185 Pa
VAM1500J8	1500	79 Pa	106 Pa	181 Pa
VAM2000J8	2000	80 Pa	109 Pa	185 Pa

See data book for additional information on pressure drop/airflow curves

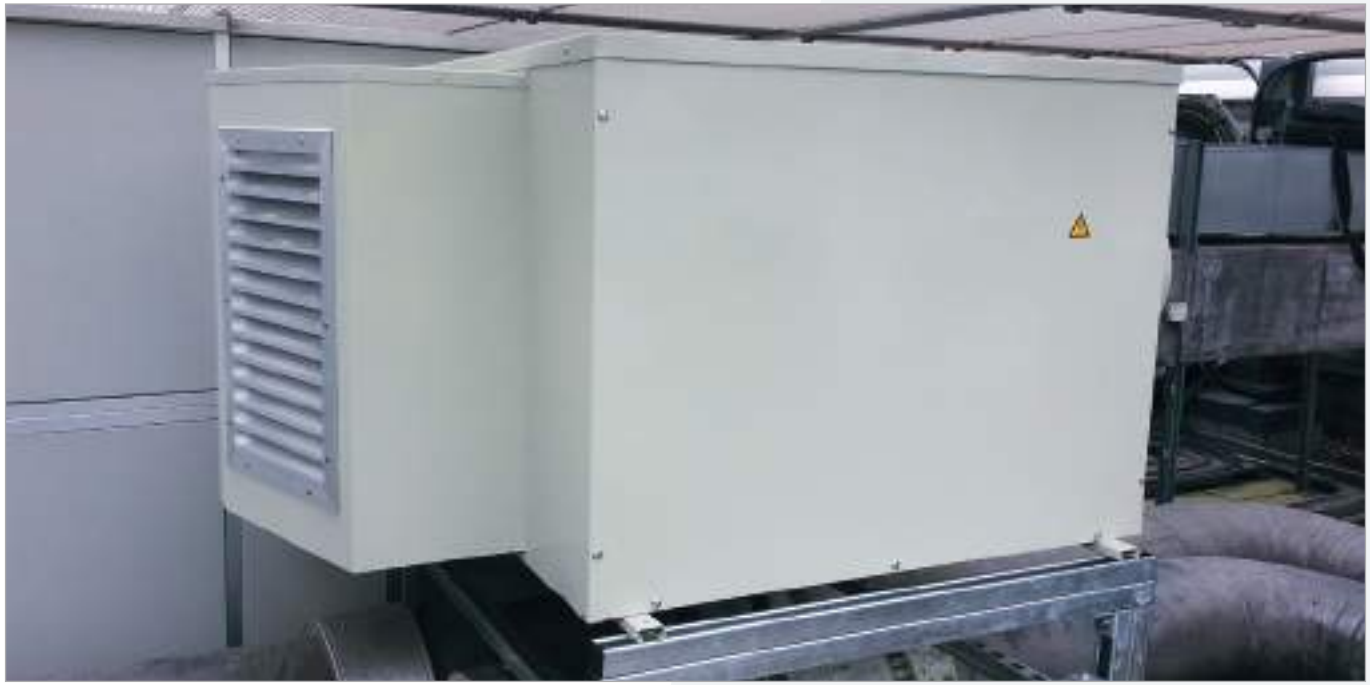
Use the following material numbers for ordering

Table 4

Filter grade	VAM 350J8	VAM 500J8	VAM 650J8	VAM 800J8	VAM 1000J8	VAM 1500J8	VAM 2000J8
ePM10 70% (M6)	EKAFVJ50F6	EKAFVJ50F6	EKAFVJ65F6	EKAFVJ100F6	EKAFVJ100F6	EKAFVJ100F6 x 2	EKAFVJ100F6 x 2
	£174.00	**£174.00**	**£191.00**	**£233.00**	**£233.00**	**£466.00**	**£466.00**
ePM1 55% (F7)	EKAFVJ50F7	EKAFVJ50F7	EKAFVJ65F7	EKAFVJ100F7	EKAFVJ100F7	EKAFVJ100F7 x 2	EKAFVJ100F7 x 2
	£191.00	**£191.00**	**£212.00**	**£258.00**	**£258.00**	**£516.00**	**£516.00**
ePM1 70% (F8)	EKAFVJ50F8	EKAFVJ50F8	EKAFVJ65F8	EKAFVJ100F8	EKAFVJ100F7	EKAFVJ100F8 x 2	EKAFVJ100F8 x 2
	£212.00	**£212.00**	**£235.00**	**£285.00**	**£258.00**	**£570.00**	**£570.00**

VAM-FC/J

Weatherproof Enclosures for VAM Total Heat Exchangers



As VAM units are designed for internal installation, they will need a weatherproof enclosure if installed outside a building.

We can offer fully weatherproofed housings for the VAM range, which are rated IP44 to make them suitable for outdoor installation. The VAM units are fitted into the enclosure and delivered to site for fuss-free installation.

Please note:

- The prices quoted are for the enclosure, fitting of the VAM into the enclosure and standard delivery. The VAM unit cost is not included.
- Pre heaters cannot be used with the VAM weatherproof enclosures.

Lead time: Six weeks
Applicable units: All VAM units (not VKM)

Standard weatherproof enclosure

	UK.VAM150/ WPENC	UK.VAM250/ WPENC	UK.VAM350J/ WPENC	UK.VAM500J/ WPENC	UK.VAM650J/ WPENC	UK.VAM800J/ WPENC	UK.VAM1000J/ WPENC	UK.VAM1500J/ WPENC	UK.VAM2000J/ WPENC
VAM Price (discountable)	**£675.00**	**£809.00**	**£1,198.00**	**£1,532.00**	**£1,873.00**	**£2,207.00**	**£2,529.00**	**£3,863.00**	**£5,038.00**
Weather Enclosure + Modification (non-discountable)	**£1,523.00**	**£1,523.00**	**£1,623.00**	**£1,623.00**	**£1,823.00**	**£1,998.00**	**£1,998.00**	**£2,504.00**	**£2,504.00**
Total Trade Price	**£2,198.00**	**£2,332.00**	**£2,821.00**	**£3,155.00**	**£3,696.00**	**£4,205.00**	**£4,527.00**	**£6,367.00**	**£7,542.00**

Flat pack versions are available on request. Please contact Daikin UK for details. *EKPLEN200 accessory is NOT required for use of the weatherproof enclosure for VAM1500 / 2000 J

Flat pack weatherproof enclosure

Flat Pack W/P Enclosure VAM150-250 FC	Flat Pack W/P Enclosure VAM350-500 J8	Flat Pack W/P Enclosure VAM650 J8	Flat Pack W/P Enclosure VAM800-1000 J8	Flat Pack W/P Enclosure VAM1500-2000 J8
UK.WPENC1	**UK.WPENC/J/2**	**UK.WPENC/J/3**	**UK.WPENC/J/4**	**UK.WPENC/J/5**
£1,624.00	**£1,738.00**	**£1,965.00**	**£2,163.00**	**£2,736.00**

On-site assembly procedure available on request

Please speak to your local sales engineer to discuss your requirements.

EKVDX-A

DX Module for VAM

The new EKVDX-A/VAM-J8 is a fresh air pre-treatment solution.

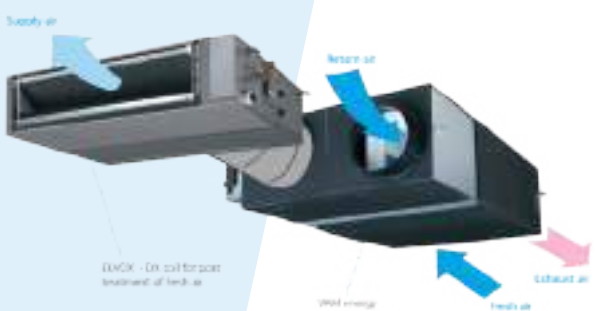
The EKVDX-A DX coil module: a unit based on the FXSA-A VRV indoor unit (without its fan).

The new VAM-J8 range: mechanically same as the current VAM-J series but upgraded from PCB and control software point of view to allow cooperation with the DX coil module.

The two units are connected between them with the use of a field supplied duct as well with necessary wiring for the control.

Please Note: a R-410A VRV IV+ or R-32 VRV 5 is needed to complete the installation and drive the DX module

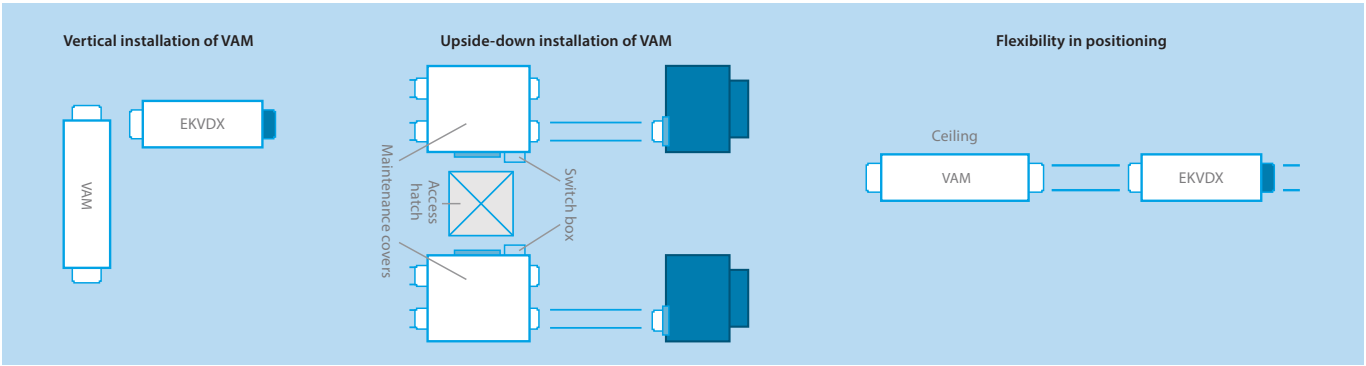




DX Module for VAM

					EKVDX32A	EKVDX50A	EKVDX80A	EKVDX100A
Power input - 50Hz	Cooling/Heating	Nom.		kW	0.035 / 0.035	0.035 / 0.035	0.035 / 0.035	0.035 / 0.035
Casing / Insulation	Material				Galvanised steel plate / Opcell and anti-sweat material			
Dimensions	Unit	Height		mm	250	250	250	250
		Width		mm	550	700	1000	1400
		Depth		mm	809	809	809	809
Weight	Unit			kg	19.0	23.4	30.1	37.7
Operation range	Around unit			°CDB	0 - 40	0 - 40	0 - 40	0 - 40
	On coil temperature	Cooling	Max.	°CDB	35	35	35	35
		Heating	Min.	°CDB	11	11	11	11
Piping connections	Liquid	OD		inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Gas	OD		inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Drain			mm	VP20 Outdoor Diamater 26. ID (diameter sign to be added)20)			
Refrigerant	Type				R-410A/R-32	R-410A/R-32	R-410A/R-32	R-410A/R-32
	GWP				2087.5/675	2087.5/675	2087.5/675	2087.5/675
Power supply	Phase / Frequency / Voltage			ph / Hz / V	1ph / 5 / 220-240	1ph / 5 / 220-240	1ph / 5 / 220-240	1ph / 5 / 220-240
Trade Unit Price					**£1,136.00**	**£1,256.00**	**£1,473.00**	**£2,049.00**

				EKVDX32A + VAM500J8	EKVDX50A + VAM650J8	EKVDX50A + VAM800J8	EKVDX80A + VAM1000J8	EKVDX100A + VAM1500J8	EKVDX100A + VAM2000J8
Cooling capacity	Total (VAM+DX coil)	Ultra high fan speed	kW	5.10	7.10	8.60	9.30	15.40	18.40
	DX coil	Ultra high fan speed	kW	3.40	4.80	5.50	5.70	9.50	11.20
		High fan speed	kW	2.70	4.10	4.40	4.50	8.80	9.20
Heating capacity	Total (VAM+DX coil)	Ultra high fan speed	kW	6.70	8.50	11.00	11.90	18.70	22.90
	DX coil	Ultra high fan speed	kW	4.20	5.10	6.90	7.00	10.80	13.00
		High fan speed	kW	3.60	4.60	5.80	6.30	9.60	11.70
Air flow rate - 50Hz	Heat exchange mode	Ultra high	m^3/h	500.00	650.00	800.00	1000.00	1500.00	2000.00
		High	m^3/h	425.00	550.00	680.00	850.00	1275.00	1700.00
	Bypass mode	Ultra high	m^3/h	500.00	650.00	800.00	1000.00	1500.00	2000.00
		High	m^3/h	425.00	550.00	680.00	850.00	1275.00	1700.00
External static pressure - 50Hz		Maximum	Pa	81.00	73.00	133.00	106.00	154.00	92.50
		Ultra high	Pa	51.90	43.00	23.70	26.00	43.60	12.10
		High	Pa	39.00	33.90	19.40	21.40	35.10	11.90
Sound pressure level - 50Hz	Cooling	Ultra high (nominal)	dBA	32.00	34.00	35.50	40.50	38.50	43.50
		High (nominal)	dBA	30.50	32.00	34.00	38.00	37.00	40.00
	Heating	Ultra high (nominal)	dBA	32.50	34.50	36.00	40.50	39.00	44.00
		High	dBA	31.50	32.00	34.00	38.50	37.00	40.50
Current	Maximum fuse amps (MFA)		A	6.00	6.00	6.00	6.00	16.00	16.00



VKM-GBM

Total Heat Exchanger with DX Coil and Humidification

- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Creates a high quality indoor environment by pre conditioning incoming fresh air
- Humidification of the incoming air results in comfortable indoor humidity level, even during heating
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Low energy consumption thanks to DC fan motor
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO2 sensor
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation.
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- Can operate in over- and under pressure



Total Heat Exchanger with DX Coil and Humidification

					VKM50GBM	VKM80GBM	VKM100GBM
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.270	0.330	0.410
			High	kW	0.230	0.280	0.365
			Low	kW	0.170	0.192	0.230
Fresh air conditioning load	Cooling			kW	4.71	7.46	9.12
	Heating			kW	5.58	8.79	10.69
Humidifier	System				Natural evaporating type		
	Amount			kg/h	2.7	4.0	5.4
	Feed water pressure			MPa	0.02 ~ 0.49	0.02 ~ 0.49	0.02 ~ 0.49
	Elements	Quantity			1	1	2
Dimensions		Height x Width x Depth		mm	387 x 1764 x 832	387 x 1764 x 1214	387 x 1764 x 1214
Weight				kg	100	119	123
Temperature Exchange Efficiency		Ultra high / High / Low		%	76.0 / 76.0 / 77.5	78.0 / 78.0 / 79.0	74.0 / 74.0 / 76.5
Fan	Air flow rate - 50Hz	Heat exchange mode	Ultra high	m^3/h	500	750	950
			High	m^3/h	500	750	950
			Low	m^3/h	440	640	820
			Ultra high	m^3/sec	0.139	0.208	0.264
			High	m^3/sec	0.139	0.208	0.264
			Low	m^3/sec	0.122	0.178	0.228
	External static pressure - 50Hz	Ultra high / High / Low		Pa	200 / 150 / 120	205 / 155 / 105	110 / 70 / 60
Sound pressure level 50Hz	Heat exchange mode	Ultra high / High / Low		dBA	38.0 / 36.0 / 34.0	40.0 / 37.5 / 35.5	40.0 / 38.0 / 35.0
Connection duct diameter				mm	200	250	250
Piping connections	Liquid			Inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Gas			Inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Water supply			Inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)
	Drain				PT3/4 external thread	PT3/4 external thread	PT3/4 external thread
Electrical Details	Power Supply			V / Hz / Phase	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Running Current			A	3.25	3.25	3.25
	Max Fuse Size			A	6	6	6
Trade Unit Price					**£3,823.00**	**£4,770.00**	**£5,337.00**

Air Handling Units - Decentralised Ventilation

Decentralised Ventilation systems are a mechanical ventilation systems designed to provide continuous fresh air supply and extract stale air from individual rooms or zones within a building. Unlike centralised systems, decentralised systems employ smaller units installed locally to the rooms or zones being ventilated. Daikin's decentralised ventilation units incorporate heat recovery, and will recover heat from the outgoing air and transfer it to the incoming fresh air, improving energy efficiency while maintaining indoor air quality.



Daikin D-AHU Compact L

High-Efficiency Heat Recovery Ventilation for Light Commercial Spaces. The D-AHU Compact L series offers a high-performance, compact solution for superior indoor air quality.

Key Performance Features:

- **Superior Efficiency:** Equipped with an aluminium counter-flow heat exchanger achieving up to 93% thermal efficiency and IE5 motor technology to minimise operational costs.
- **Powerful Airflow:** Available in 5 sizes (150 m^3/h to 3,400 m^3/h) with external static pressure exceeding 500 Pa.
- **Smart Energy Management:** Features 100% automatic bypass for free-cooling, energy-efficient defrost logic, and CO_2 sensor compatibility for demand-controlled ventilation.

Compact & Robust Design

- **Space-Saving:** Low profile unit with heights starting at just 280mm (max 500mm).
- **Premium Insulation:** 50 mm double-skin panels with mineral wool provide exceptional thermal and acoustic insulation.
- **Flexible Installation:** Available in Left or Right-hand configurations to suit any plant room or ceiling void layout.

Advanced Filtration & Control

- **Clean Air Standards:** Double stage filtration in both fresh air and exhaust air, including high-grade ePM1 80% (F9) filtration.
- **Seamless Integration:** Choose between Smart (Daikin F1/F2) or Pro (Open Protocol) versions, with Modbus and BACnet compatibility for effortless BMS connectivity.
- **Customisable Comfort:** Optional DX, water, or electric coils,
- **Applications:** Retail Units, Offices, Hotels, Gyms, Cinemas, Schools & Universities.



Daikin D-AHU Compact T

High-Efficiency Heat Recovery Ventilation for Light Commercial Spaces. The D-AHU Compact T series offers a high-performance, compact solution for superior indoor air quality.

Key Performance Features:

- **Superior Efficiency:** Equipped with an aluminium counter-flow heat exchanger achieving up to 93% thermal efficiency and IE4motor technology to minimise operational costs.
- **Powerful Airflow:** Available in 6 sizes (2000 m^3/h to 4,200 m^3/h) with external static pressure exceeding 500 Pa.
- **Smart Energy Management:** Features 100% automatic bypass for free-cooling, energy-efficient defrost logic, and CO_2 sensor compatibility for demand-controlled ventilation.

Compact & Robust Design

- **Space-Saving:** Ultra-slim footprint with widths starting at just 550 mm (max 890 mm).
- **Premium Insulation:** 50 mm double-skin panels with mineral wool provide exceptional thermal and acoustic insulation.
- **Flexible Installation:** Available in Left or Right-hand configurations to suit any plant room or ceiling void layout.

Advanced Filtration & Control

- **Clean Air Standards:** Supports up to three filter stages, including high-grade ePM1 80% (F9) filtration.
- **Seamless Integration:** Choose between Smart (Daikin F1/F2) or Pro (Open Protocol) versions, with Modbus and BACnet compatibility for effortless BMS connectivity.
- **Customisable Comfort:** Optional DX, water, or electric coils, plus mixing dampers for recirculated air operation.
- **Applications:** Retail Units, Offices, Hotels, Gyms, Cinemas, Schools & Universities.

NEW



Daikin D-AHU Compact R

High-Efficiency Heat Recovery Ventilation for Light Commercial Spaces. The D-AHU Compact L series offers a high-performance, compact solution for superior indoor air quality.

Key Performance Features:

- **Superior Efficiency:** Equipped with a rotary heat exchanger (Condensation or Sorption) achieving up to 90% thermal efficiency and IE5 motor technology to minimise operational costs.
- **Powerful Airflow:** Available in 7 sizes (600 m^3/h to 5,000 m^3/h) with external static pressure exceeding 500 Pa.
- **Smart Energy Management:** Features energy-efficient defrost logic, and CO_2 sensor compatibility for demand-controlled ventilation.

Compact & Robust Design

- **Space-Saving:** Ultra-slim footprint with widths starting at just 650 mm (max 890 mm).
- **Premium Insulation:** 50 mm double-skin panels with mineral wool provide exceptional thermal and acoustic insulation.
- **Flexible Installation:** Available in Left or Right-hand configurations to suit any plant room layout.

Advanced Filtration & Control

- **Clean Air Standards:** Double stage filtration, including high-grade ePM1 80% (F9) filtration.
- **Seamless Integration:** With Open protocol controls and connectivity to Modbus and BACnet for effortless BMS connectivity.
- **Customisable Comfort:** Optional DX, water, or electric coils, plus mixing dampers for recirculated air operation.
- **Applications:** Retail Units, Offices, Hotels, Gyms, Cinemas, Schools & Universities.

ALB

Air Handling Units

Compact-L False ceiling heat recovery unit



Highlights

- Six predefined sizes
- Plug & Play control solution
- Compact unit from 280 mm height (for air flow up to 550 m³/h)
- Wide air flow coverage from 150 to 3,400 m³/h
- Right and left configuration
- Pro (open control platform) and Smart (Daikin control platform) version
- Excellent indoor air quality (IAQ). Up to ePM1 80% (F9) filtration level with possibility to have a prefilter up to ePM1 50% (F7) for the best IAQ

Simple, quick installation

The Compact series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

Please contact your local sales office for further information on selection at different working conditions & supply of consumable spare parts such as replacement filters.

D-AHU Compact L - Base Unit							
Unit Nominal Performance	**Size**	**ALB02*C(M/S)**	**ALB03*C(M/S)**	**ALB04*C(M/S)**	**ALB05*C(M/S)**	**ALB06*C(M/S)**	**ALB07*C(M/S)**
	Supply/Extract Airflow [m³/s]	0.083	0.166	0.333	0.417	0.694	0.833
	Thermal Efficiency [%]	86.0	86.5	87.6	86.4	82.3	81.6
	Nominal ESP [Pa]	100	100	100	100	100	100
	Fan Current - Supply and Extract [A]	0.57	1.26	2.13	3.00	4.13	5.52
	Power Input [kW]	0.13	0.29	0.49	0.69	0.95	1.27
	SFPv [kW/m³/s]	1.07	1.41	1.21	1.34	1.17	1.35
	Electrical Supply [V-Ph-Hz]	230-1-50					
	Dimensions: Height x Width x Depth [mm]	280 x 920 x 1660	350 x 1100 x 1800	415 x 1600 x 2000	415 x 1600 x 2000	500 x 2000 x 2000	500 x 2000 x 2000
	Weight [kg]	125	170	255	265	310	320
	Duct Connection Size (mm) Width	250	400	500	500	700	700
	Height	150	200	300	300	400	400
	Sound Power Level - Lw dB(A)[1]	52	55	57	58	59	62
	Sound Pressure Level - Lp dB(A)[2]	45	48	50	51	52	55
Trade Air Handling Unit Price - Pro Series[3]		**ALB02*CM**	**ALB03*CM**	**ALB04*CM**	**ALB05*CM**	**ALB06*CM**	**ALB07*CM**
		£5,362.00	**£6,290.00**	**£8,283.00**	**£9,279.00**	**£11,321.00**	**£12,016.00**
Trade Air Handling Unit Price - Smart Series[3][4]		**ALB02*CS**	**ALB03*CS**	**ALB04*CS**	**ALB05*CS**	**ALB06*CS**	**ALB07*CS**
		£4,729.00	**£5,670.00**	**£7,657.00**	**£8,655.00**	**£10,725.00**	**£11,431.00**

* Indicates handing of unit, R=Right Hand, L = Left Hand, (M) Indicates Compact Light Pro/(S) Indicates Compact Light Smart. [1]Sound power level breakout (Supply & return air combined). At nominal airflow. [2]Sound pressure level to EN 3744. Surrounding, Directivity (Q) = 4, @1m distance in non-reverberant field. Allowances on declared values: +/- 3dB. At nominal airflow. [3]Price includes, ePM1 50% (F7) Filter, Mineral wool insulation, Aluzinc internal skin and Aluzinc Pre-Painted external skin. [4]Units require BRC1H52W7 (White), BRC1H52K7 (Black) or BRC1H52S7 (Silver) Madoka wired remote controller..

Notes: Ancillary modules include silencers, electric frost coils & various heating/cooling coil modules. Final pricing will be dependent on actual selection configuration and additional modules required. Above pricing will provide a sufficiently accurate indication for budget purposes. The SFP figure shown in the above table is based at the nominal airflow and nominal ESP shown.

Compact L Options & Accessories:

	Item	Version	Model	ALB					
			Size	02	03	04	05	06	07
Compact Filters	ISO Coarse 55% (G4)	Pro & Smart	**ALF**G4A**	£23.00	£26.00	£33.00		£36.00	
	ePM10 55% (M5)	Pro & Smart	**ALF**M5A**	£63.00	£87.00	£119.00		£143.00	
	ePM1 50% (F7)	Pro & Smart	**ALF**F7A**	£65.00	£92.00	£121.00		£146.00	
	ePM1 80% (F9)	Pro & Smart	**ALF**F9A**	£73.00	£97.00	£127.00		£149.00	
Coil Modules	Electric Pre-heating	Smart	**ALD**HEFB**	£1,130.00	£1,191.00	£1,602.00		£2,129.00	
	Electric pre -heating	Pro	**ALD**HEFA**	£1,405.00	£1,464.00	£1,951.00		£2,555.00	
	Electric post - heating	Pro	**ALD**HESA**	£1,424.00	£1,501.00	£2,317.00		£2,555.00	
	Water cooling (post - heating)	Pro	**ALD**CWSA**	£935.00	£1,080.00	£1,306.00		£1,785.00	
	Water heating (pre/post - heating)	Pro	**ALD**HWUA**	£423.00	£443.00	£634.00		£872.00	
	DX Coil (Cool/Heat)	Pro	**ALD**CDSA**	-	-	£1,188.00		£1,558.00	
Valves	2-way water cooling	Pro	**ALV**CW2A**	£58.00	£63.00	£84.00		£92.00	
	3-way water cooling	Pro	**ALV**CW3A**	£72.00	£84.00	£92.00		£97.00	
Mechanical Accessories	900mm Silencer	Pro & Smart	**ALS**90A**	£240.00	£348.00	£472.00		£674.00	
	Sliding Rail Access Doors	Pro & Smart	**ALA**RLA**	£149.00	£160.00	£181.00		£198.00	
	Rectangular to circular duct connection	Pro & Smart	**ALA**RCA**	£97.00	£127.00	£157.00		£206.00	
	Flexible Duct Connections	Pro & Smart	**ALA**FXB**	£95.00	£104.00	£117.00		£136.00	
	Droplet Eliminator (DX Coil)	Pro	**ALA**DEA**	£235.00	£251.00	£331.00		£522.00	
	External Damper	Pro	**ALA**EDA**	£51.00	£70.00	£172.00		£240.00	
Controls	Module Bacnet Pol 908	Pro	**ALC00908A**	£279.00					
	Module Modbus Pol 902	Pro	**ALC00902A**	£180.00					
	HMI Standard (Temperature Only)	Pro	**AUC00RTSA**	£112.00					
	HMI Premium (Temp. + RH + CO2)	Pro	**AUC00RTPA**	£233.00					
	Module Pol 895 (Commissioning)	Pro	**ALC00895A**	£316.00					
	Expansion Module	Pro	**ALC00955A**	£197.00					
Electrical accessories	Modulating Actuator (Water Valves)	Pro	**ALE00AMVA**	£260.00					
	Modulating Actuator (Dampers)	Pro	**ATE00AMDA**	£262.00					
	Spring Return Actuator (Dampers)	Pro	**AUE00ASDA**	£332.00					
	Frost Switch	Pro	**ALE00FSUA**	£133.00					
	Pressure Transducer	Pro	**AUE00PTUA**	£77.00					
Sensors	CO_2	Pro	**ALP00COA**	£528.00					
	Humidity (%RH)	Pro	**ALP00HUA**	£305.00					
	Temperature	Pro	**ALP00TEA**	£63.00					

Notes: ** Denotes model size number - Where accessories are common across model sizes the larger model dictates accessory code, Example G4 Compact Filter for ALB06 & ALB07 = ALF07G4A
When selecting DX coil for Compact L Pro, Expansion Valve Kit & DX Control Box must be ordered seperately for field installation
*** When selecting additional cooling and heating coils up to 2 additional control modules ALC00955A will be required. Please check Astra Selection for combination of modules required.

ATB

Air Handling Units

Compact-T Top connected heat recovery unit



Highlights

- Five predefined sizes
- Plug & Play control solution
- Compact unit from 550 mm width (for unit up to 1,100 m³/h)
- Wide air flow coverage from 200 to 4,200 m³/h
- Right and left configuration
- Pro (open control platform) and Smart (Daikin control platform) version
- Excellent indoor air quality (IAQ). Up to three filtration stages up to ePM1 80% (F9)
- DX and water coil available as option
- Recirculation mixing damper (option)

Simple, quick installation

The Compact series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Compact T - Base Unit						
Unit Nominal Performance	**Size**	**ATB03*B(M/S)**	**ATB04*B(M/S)**	**SB.ATB05*B(M/S)**	**SB.ATB06*B(M/S)**	**SB.ATB07*B(M/S)**
	Supply/Extract Airflow [m³/s]	0.222	0.458	0.639	0.750	1.080
	Thermal Efficiency [%]	85.2	84.2	81.0	81.4	86.8
	Nominal ESP [Pa]	100	100	100	100	100
	Nominal Fan Current - Supply and Extract [A]	1.70	3.39	4.83	5.30	7.83
	Nominal Power Input [kW]	0.39	0.78	1.11	1.22	1.80
	SFPv [kW/m³/s]	1.47	1.50	1.55	1.45	1.50
	Electrical Supply [V-Ph-Hz]	230-1-50				
	Dimensions: Height x Width x Depth [mm]	1600 x 550 x 1580	1600 x 790 x 1650	1900 x 790 x 2170	1850 x 790 x 2620	2050 x 890 x 2950
	Weight [kg]	185	230	355	400	500
	Duct Connection Size (mm) Diameter	4 x 250	4 x 315	4 x 355	4 x 400	4 x 500
	Sound Power Level - Lw dB(A)[1]	57	53	55	55	58
	Sound Pressure Level - Lp dB(A)[2]	50	45	48	48	51
Trade Air Handling Unit Price - Pro Series[3]		**ATB03*BM**	**ATB04*BM**	**SB.ATB05*BM**	**SB.ATB06*BM**	**SB.ATB07*BM**
		£8,677.00	**£9,390.00**	**£11,777.00**	**£13,796.00**	**£16,254.00**
Trade Air Handling Unit Price - Smart Series[3][4]		**ATB03*BS**	**ATB04*BS**	**SB.ATB05*BS**	**SB.ATB06*BS**	**SB.ATB07*BS**
		£7,556.00	**£8,300.00**	**£10,876.00**	**£12,845.00**	**£15,353.00**

* Indicates handing of unit, R=Right Hand, L = Left Hand. (M) Indicates Compact Top Pro/(S) Indicates Compact Top Smart. [1]Sound power level breakout (Supply & return air combined). [2]Sound pressure level according to EN3744, Surrounding, Directivity (Q=4) at a distance of 1m. [3]Price includes, ePM1 50% (F7) Filter, Mineral wool insulation, Aluzinc internal skin and Aluzinc Pre-Painted external skin. [4]Units require BRC1H52W7 (White), BRC1H52K7 (Black) or BRC1H52S7 (Silver) Madoka wired remote controller.

Notes: Ancillary modules include silencers, electric frost coils & various heating/cooling coil modules. Final pricing will be dependent on actual selection configuration and additional modules required. Above pricing will provide a sufficiently accurate indication for budget purposes. The SFP figure shown in the above table is based at the nominal airflow and nominal ESP shown.

Compact T Options & Accessories:

	Item	Version	Model	ATB				
			Size	03	04	05	06	07
Compact Filters	ISO Coarse 55% (G4)	Smart & Pro	**ATF**G4A**	£38.00	£41.00	£51.00	£56.00	£66.00
	ePM10 55% (M5)	Smart & Pro	**ATF**M5A**	£95.00	£102.00	£110.00	£120.00	£140.00
	ePM1 50% (F7)	Smart & Pro	**ATF**F7A**	£95.00	£102.00	£112.00	£122.00	£142.00
	ePM1 80% (F9)	Smart & Pro	**ATF**F9A**	£98.00	£104.00	£114.00	£124.00	£144.00
Coil Modules	DX Coil Right Handed - High Capacity [1]	Pro	**ATD**UDSAR**	£841.00	£1,033.00	£1,328.00	£1,418.00	£1,876.00
	DX Coil Left Handed - High Capacity [1]	Pro	**ATD**UDSAL**	£841.00	£1,033.00	£1,328.00	£1,418.00	£1,876.00
	DX Coil Right Handed - Low Capacity [1]	Pro	**ATD**UDSBR**	-	£585.00	£710.00	£760.00	£905.00
	DX Coil Left Handed - Low Capacity [1]	Pro	**ATD**UDSBL**	-	£585.00	£710.00	£760.00	£905.00
	Water Coil Right Handed	Pro	**ATD**UWSAR**	£948.00	£1,096.00	£1,390.00	£1,560.00	£1,936.00
	Water Coil Left Handed	Pro	**ATD**UWSAL**	£948.00	£1,096.00	£1,390.00	£1,560.00	£1,936.00
	Electric Preheating	Pro	**ATD**HEFAU**	£1,000.00	£1,170.00	£1,267.00	£1,412.00	£1,654.00
	Electric Preheating	Smart	**ATD**HEFBU**	£1,049.00	£1,302.00	£1,380.00	£1,482.00	£1,693.00
	Water Pre-Heating	Pro	**ATD**HWFAU**	£378.00	£489.00	£596.00	£720.00	£948.00
	Water Post Heating Right Handed	Pro	**ATD**HWSAR**	£654.00	£709.00	£812.00	£930.00	£1,087.00
	Water Post Heating Left Handed	Pro	**ATD**HWSAL**	£654.00	£709.00	£812.00	£930.00	£1,087.00
	Electric Post Heating	Pro	**ATD**HESAU**	£562.00	£848.00	£870.00	£911.00	£941.00
Valves	2 Way Water Cooling	Pro	**ATV**CW2A**	£77.00	£82.00	£87.00	£94.00	£105.00
	3 Way Water Cooling	Pro	**ATV**CW3A**	£124.00	£127.00	£137.00	£172.00	£184.00
Mechanical Accessories	600mm Silencer	Smart & Pro	**ATS**60A**	£263.00	£294.00	£344.00	£351.00	£462.00
	Mixing Damper	Pro	**ATA**MDA**	-	-	£133.00	£161.00	£169.00
	External Damper	Pro	**ATA**EDA**	£82.00	£100.00	£137.00	£174.00	£218.00
Controls	Module Bacnet Pol 908	Pro	**ALC00908A**	£279.00				
	Module Modbus Pol 902	Pro	**ALC00902A**	£180.00				
	HMI Standard (Temperature Only)	Pro	**AUC00RTSA**	£112.00				
	HMI Premium (Temp. + RH + CO2)	Pro	**AUC00RTPA**	£233.00				
	Module Pol 895 (Commissioning)	Pro	**ALC00895A**	£316.00				
Electrical Accessories	Frost Switch	Pro	**ATE00FSUA**	£133.00				
	Modulating Actuator For Valves	Pro	**ATE00AMVA**	£260.00				
	Modulating Actuator For Mix/Ext Dampers	Pro	**ATE00AMDA**	£262.00				
	Spring Return Actuator for External Damper	Pro	**AUE00ASDA**	£332.00				
	Digital PCB For External Accessories	Pro	**ATE00DPUA**	£479.00				
Sensors	CO_2	Pro	**ALP00COA**	£528.00				
	Humidity (%RH)	Pro	**ALP00HUA**	£305.00				
	Temperature	Pro	**ALP00TEA**	£63.00				

Notes: ** Denotes model size number. [1]When selecting DX coil for Compact Top Pro, Expansion Valve Kit & DX Control Box must be ordered seperately for field installation.

NEW

ARB

Air Handling Units

Compact R AHU with high efficiency Rotary Heat Exchanger



Highlights

- Seven predefined sizes
- Plug & Play control solution
- Compact unit from 650 mm width (for unit up to 850 m^3/h)
- Wide air flow coverage from 200 to 6,000 m^3/h
- Right and left configuration
- Open protocol control platform (Siemens)
- Excellent indoor air quality (IAQ), up to ePM1 80% (F9)
- DX and water coil available as option
- Roof kit for external installation
- Simple, quick installation

Simple, quick installation

The Compact R series' Plug & Play design is more than just a convenient feature for installers. It offers cost saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Compact R - Base Unit								
Unit Nominal Performance	**Size**	**ARB01*A(M/NS)**	**ARB02*A(M/NS)**	**ARB03*A(M/NS)**	**ARB04*A(M/S)**	**ARB05*A(M/NS)**	**ARB06*A(M/NS)**	**ARB07*A(M/NS)**
	Supply/Extract Airflow [m^3/s]	0.167	0.306	0.444	0.580	0.810	1.040	1.390
	Thermal Efficiency [%]	79.7	78.8	75.7	75.7	74.7	74.5	TBC
	Nominal ESP [Pa]	100	100	100	100	100	100	100
	Nominal Fan Current - Supply and Extract [A]	1.10	2.20	3.50	3.00	4.80	4.80	TBC
	Nominal Power Input [kW]	0.17	0.35	0.56	0.75	1.02	1.14	TBC
	SFPv [$kW/m^3/s$]	0.81	0.96	1.08	1.13	1.10	1.35	TBC
	Electrical Supply [V-Ph-Hz]	230-1-50						400/3/50
	Dimensions: Height x Width x Depth [mm]	960 x 650 x 1615	1050 x 790 x 1635	1150 x 790 x 1720	1250 x 890 x 1735	1400 x 990 x1750	1450 x 1100 x 1750	1700 x 1300 x 1750
	Weight [kg]	140	160	225	265	310	340	395
	Duct Connection Size (mm)	400 x 200	500 x 250	500 x 300	600 x 300	700 x 400	800 x 400	1000 x 500
	Sound Power Level - Lw dB(A)[1]	52	57	58	57	60	63	TBC
	Sound Pressure Level - Lp dB(A)[2]	45	50	51	50	53	56	TBC
Trade Air Handling Unit Price - Condensation Wheel[3]		**ARB01*AM**	**ARB02*AM**	**ARB03*AM**	**ARB04*AM**	**ARB05*AM**	**ARB06*AM**	**ARB07*AM**
		£6,864.00	**£8,563.00**	**£9,299.00**	**£10,503.00**	**£11,732**	**£13,302.00**	**£14,237.00**
Trade Air Handling Unit Price - Sorption Wheel[3]		**ARB01*AMNS**	**ARB02*AMNS**	**ARB03*AMNS**	**ARB04*AMNS**	**ARB05*AMNS**	**ARB06*AMNS**	**ARB07*AMNS**
		£6,984.00	**£8,772.00**	**£9,511.00**	**£10,758.00**	**£12,086.00**	**£13,755.00**	**£14,898.00**

* Indicates handing of unit, R=Right Hand, L = Left Hand. [1]Sound power level breakout (Supply & return air combined). [2]Sound pressure level according to EN3744, Surrounding, Directivity (Q=4) at a distance of 1m. [3]Price includes, ePM1 50% (F7) Filter, Mineral wool insulation, Magnelis internal skin and external skin.

Notes: Ancillary modules include silencers, electric frost coils & various heating/cooling coil modules. Final pricing will be dependent on actual selection configuration and additional modules required. Above pricing will provide a sufficiently accurate indication for budget purposes. The SFP figure shown in the above table is based at the nominal airflow and nominal ESP shown.

Compact R Options & Accessories:

	Item	**Size**						
		01	**02**	**03**	**04**	**05**	**06**	**07**
Compact Filter	ISO Coarse 55% (G4)	**ARF01G4A**	**ARF02G4A**	**ARF03G4A**	**ARF04G4A**	**ARF05G4A**	**ARF06G4A**	**ARF07G4A**
		£29.00	£33.00	£36.00	£40.00	£50.00	£55.00	£63.00
	ePM10 75% (M5)	**ARF01M5A**	**ARF02M5A**	**ARF03M5A**	**ARF04M5A**	**ARF05M5A**	**ARF06M5A**	**ARF07M5A**
		£60.00	£101.00	£107.00	£115.00	£122.00	£131.00	£171.00
	ePM1 50% (F7) - Panel	**ARF01F7A**	**ARF02F7A**	**ARF03F7A**	**ARF04F7A**	**ARF05F7A**	**ARF06F7A**	**ARF07F7A**
		£77.00	£107.00	£115.00	£122.00	£131.00	£139.00	£191.00
	ePM1 50% (F7) – Bag	**ARF01F7B**	**ARF02F7B**	**ARF03F7B**	**ARF04F7B**	**ARF05F7B**	**ARF06F7B**	**ARF07F7B**
		£63.00	£77.00	£85.00	£88.00	£107.00	£138.00	£191.00
	ePM1 80% (F9)	**ARF01F9B**	**ARF02F9B**	**ARF03F9B**	**ARF04F9B**	**ARF05F9B**	**ARF06F9B**	**ARF07F9B**
		£67.00	£101.00	£106.00	£110.00	£127.00	£170.00	£243.00
Coil Module	DX Coil Right Hand	**Not Available**	**Not Available**	**ARD03UDSAR**	**ARD04UDSAR**	**ARD05UDSAR**	**ARD06UDSAR**	**ARD07UDSAR**
		-	-	£780.00	£859.00	£895.00	£953.00	£1,175.00
	DX Coil Left Hand	**Not Available**	**Not Available**	**ARD03UDSAL**	**ARD04UDSAL**	**ARD05UDSAL**	**ARD06UDSAL**	**ARD07UDSAL**
		-	-	£780.00	£859.00	£895.00	£953.00	£1,175.00
	Water Coil (Cool/Heat) Right Hand	**ARD01UWSAR**	**ARD02UWSAR**	**ARD03UWSAR**	**ARD04UWSAR**	**ARD05UWSAR**	**ARD06UWSAR**	**ARD07UWSAR**
		£871.00	£1,059.00	£1,127.00	£1,227.00	£1,437.00	£1,571.00	£1,839.00
	Water Coil (Cool/Heat) Left Hand	**ARD01UWSAL**	**ARD02UWSAL**	**ARD03UWSAL**	**ARD04UWSAL**	**ARD05UWSAL**	**ARD06UWSAL**	**ARD07UWSAL**
		£871.00	£1,059.00	£1,127.00	£1,227.00	£1,437.00	£1,571.00	£1,839.00
	Electric Heater (Pre/Post) - Right Hand	**ARD01HEUAR**	**ARD02HEUAR**	**ARD03HEUAR**	**ARD04HEUAR**	**ARD05HEUAR**	**ARD06HEUAR**	**ARD07HEUAR**
		£1,513.00	£1,829.00	£1,829.00	£2,235.00	£2,557.00	£2,894.00	£3,097.00
	Electric Heater (Pre/Post) - Left Hand	**ARD01HEUAL**	**ARD02HEUAL**	**ARD03HEUAL**	**ARD04HEUAL**	**ARD05HEUAL**	**ARD06HEUAL**	**ARD07HEUAL**
		£1,513.00	£1,829.00	£1,829.00	£2,235.00	£2,557.00	£2,894.00	£3,097.00
	Water Heating (Pre/Post)	**ALD03HWUA**	**ARD02HWUA**	**ALD05HWUA**	**ARD04HWUA**	**ALD07HWUA**	**ARD06HWUA**	**ARD07HWUA**
		£443.00	£453.00	£634.00	£671.00	£872.00	£893.00	£908.00

Continued on next page...

NEW

ARB

Air Handling Units

Compact R AHU with high efficiency Rotary Heat Exchanger



Highlights

- Seven predefined sizes
- Plug & Play control solution
- Compact unit from 650 mm width (for unit up to 850 m^3/h)
- Wide air flow coverage from 200 to 6,000 m^3/h
- Right and left configuration
- Open protocol control platform (Siemens)
- Excellent indoor air quality (IAQ), up to ePM1 80% (F9)
- DX and water coil available as option
- Roof kit for external installation
- Simple, quick installation

Simple, quick installation

The Compact R series' Plug & Play design is more than just a convenient feature for installers. It offers cost saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

Compact R Options & Accessories (Continued):

	Item	Size						
		01	02	03	04	05	06	07
Mechanical Accessories	Droplet Eliminator	ARA01DEA	ARA02DEA	ARA03DEA	ARA04DEA	ARA05DEA	ARA06DEA	ARA07DEA
		£196.00	£220.00	£220.00	£249.00	£312.00	£346.00	£412.00
	External Damper	ALA03EDA	ARA02EDA	ALA05EDA	ARA04EDA	ALA07EDA	ARA06EDA	ARA07EDA
		£70.00	£97.00	£172.00	£179.00	£240.00	£257.00	£275.00
	Sound Attenuator	ALS0390A	ARS0260A	ALS0590A	ARS0460A	ALS0790A	ARS0660A	ARS0760A
		£348.00	£455.00	£472.00	£587.00	£674.00	£826.00	£1,118.00
	Roof Kit	ARA01EKA	ARA02EKA	ARA03EKA	ARA04EKA	ARA05EKA	ARA06EKA	ARA07EKA
		£229.00	£260.00	£279.00	£302.00	£325.00	£349.00	£392.00
	Rain Hood	ARA01RSA	ARA02RSA	ARA03RSA	ARA04RSA	ARA05RSA	ARA06RSA	ARA07RSA
		£216.00	£237.00	£245.00	£260.00	£293.00	£309.00	£364.00
	Rain Hood c/w Duct Elbows	ARA01RDA	ARA02RDA	ARA03RDA	ARA04RDA	ARA05RDA	ARA06RDA	ARA07RDA
		TBC	TBC	TBC	TBC	TBC	TBC	TBC
	Flexible Joint	ALA03FXB	ARA02FXB	ALA05FXB	ARA04FXB	ALA07FXB	ARA06FXB	ARA07FXB
		£104.00	£112.00	£117.00	£127.00	£136.00	£163.00	£176.00
	Duct transition	ALA03RCA	ARA02RCA	ALA05RCA	ARA04RCA	ALA07RCA	ARA06RCA	ARA07RCA
		£127.00	£150.00	£157.00	£189.00	£206.00	£243.00	£314.00
Electrical accessories	Modulating Actuator for Valves	ATE00AMVA						
		£260.00						
	Frost Switch	ALE00FSUA						
		£133.00						
	Modulating Actuator for Dampers	ATE00AMDA						
		£262.00						
	Spring Return Modulating Actuator for Dampers	AUE00ASDA						
		£332.00						
	Pressure Transducer	AUE00PTUA						
		£77.00						
Valves	2-Way Water Cooling/Heating	ATV03CW2A	ATV04CW2A	ATV04CW2A	ATV05CW2A	ATV05CW2A	ATV07CW2A	ATV07CW2A
		£77.00	£82.00	£82.00	£87.00	£87.00	£105.00	£105.00
	3-Way Water Cooling/Heating	ATV03CW3A	ATV04CW3A	ATV04CW3A	ATV05CW3A	ATV05CW3A	ATV06CW3A	ATV06CW3A
		£124.00	£127.00	£127.00	£137.00	£137.00	£172.00	£172.00
Control Accessories	HMI Standard (Temperature Only)	AUC00RTSA						
		£112.00						
	HMI Premium (Temp. + RH + CO2)	AUC00RTPA						
		£233.00						
	Commissioning Module (POL895)	ALC00895A						
		£316.00						
	Expansion Module (POL955)	ALC00955A						
		£197.00						
	Modbus License	AUC00MODA						
		£179.00						
	Bacnet License	AUC00BACA						
		£278.00						
Probes	Temperature	ALP00TEA						
		£63.00						
	Humidity	ALP00HUA						
		£305.00						
	CO2	ALP00COA						
		£528.00						

NEW

AVB

Air Handling Units Vertical DX



The Daikin Vertical series is a floor-standing DX air handling unit designed for heating and cooling large indoor spaces such as warehouses, industrial facilities, exhibition halls, or sports arenas helping to decarbonise these facilities when replacing existing gas fired units.

Highlights

- External panel in pre-painted steel (corrosion resistance class RC5)
- Internal panel in Magnelis (corrosion resistance class RC5)
- Polyurethane insulation (density 45 kg/m^3)
- 42 mm thick insulated panel
- Anodized profile
- Designed for indoor installation
- Wide operating range, with winter room temperature down to 10 °
- Ideal for quick upgrades of existing systems
- Easy removal and relocation
- Plug & Play solution with return air temperature control for simplified installation & commissioning
- Exclusive Daikin solution paired with VRV 5 and ERA, as well as R-410A series (high-efficiency units with VRT function)
- Available with right- or left-side connections

Model			AVB25RBBD	AVB25LBBD
Fan Type			EC	
Airflow (Min/Nom/Max)		m^3/s	0.56/1.11/1.39	
Nominal ESP		Pa	100	
Maximum ESP		Pa	500	
Power Supply		V-Ph-Hz	400-3-50	
Electrical Power Input		kW	0.69	
Motor Power (Max)		kW	1.5	
Full Load Current		A	2.3	
Air Filter Class			ePM10 55% (M5)	
Height		mm	1950	
Width		mm	1170	
Depth		mm	750	
Weight		kg	330	
Piping Connections	Liquid	mm	10	
	Gas	mm	22	
	Drain	"	1	
Control			BRC1H52W7/S7/K7*	
Sound Power Level(**)		dBA	78	
Sound Pressure Level(***)		dBA	71	
Indoor Temperature	Heating	°C	10-27	
Operating Range	Cooling	°C	20-35	
Connections			Right	Left
Trade Air Handling Unit Price			**£9,065.00**	**£9,065.00**

* Controller to be ordered seperately ** Sound power level at front grille with front supply
***Sound Pressure level - Single Source Free Field, Spherical propogation at 1m.

Accessories:

Accessory Ref	Description	List Price
AVA25SGA	Side Panels with Grille	**£550.00**
AVA25TSA	Top Panel with Spigots	**£204.00**

Paired Outdoor Units				
Model			**RXYSA10A**	**ERA250AYF**
Capacity		HP	10	10
Nominal Cooling Capacity		kW	27.5	
Nominal Heating Capacity		kW	31.5	
SEER			6.93	7.30
SCOP			4.42	4.50
Sound Power Level		dB(A)	74	74
No. of Fans			1	1
Refrigerant			R32	
Height		mm	1615	
Width		mm	940	
Depth		mm	460	
Weight		kg	180	163
For More Information See Page			**121**	**88**



Standard front grille



Standard top grille



Ductable

ADT

Air Handling Units

Modular-R AHU with high efficiency Rotary Heat Exchanger



Energy efficiency and indoor air quality

- Ten predefined sizes
- IE4 premium efficiency motor
- High efficiency heat wheel (heat recovery)
- Compact design
- Advanced control features
- Easy installation
- Indoor air quality compliant with VDI 6022 hygiene guideline
- Operating limits from -25 °C, -40 °C with electric heaters, up to +46 °C ambient temperature
- VRV IV and ERA coupling capability
- Indoor and outdoor versions
- Free cooling capability
- Economy and Night mode operation
- Bacnet & Modbus modules available as an option

Fan type

- Available with EC brushless fan or inverter driven plug fan
- Air flow or pressure control (Variable Air Volume – Constant Air Volume)
- Nominal air flow programmed at factory
- Reduced noise with option NRLS

Simple, quick installation

The Modular series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Modular R - Base Unit c/w Thermal Wheel & DX Module											
	Size	**ADT01FCD1**	**ADT02FCD1**	**ADT03FCD1**	**ADT04FCD1**	**ADT05FCD1**	**ADT06FCD1**	**ADT07FCD1**	**ADT08FCD1**	**ADT09FCD1**	**ADT10FCD1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.42	0.58	1.01	1.35	1.80	1.97	2.34	3.55	3.98	5.51
	Temp Efficiency Winter [%]	77.20	77.20	76.80	78.10	78.70	78.00	78.50	77.40	78.00	77.70
	Temp Efficiency Summer [%]	78.00	78.00	77.50	79.00	79.60	78.90	79.40	78.20	78.90	78.50
	ESP nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	3.3/3.3	2.4/2.4	4.4/4.4	5.8/5.8	4.0/4.0	4.0/4.0	6.7/6.7	5.9/5.9	6.3/6.3
	Power Input Supply, Nominal [kW]	0.47	0.66	1.07	1.52	2.04	2.02	2.47	3.47	2 x 2.04	2 x 2.75
	Power Input Extract, Nominal [kW]	0.42	0.59	0.97	1.42	1.91	1.87	2.32	3.24	2 x 1.89	2 x 2.54
	SFPv [kW/m³/s]	2.00	1.99	1.87	2.00	2.00	1.81	1.87	1.75	1.81	1.77
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2400	2400	2500	2620	2780	2980	3100	3150	2980	3100
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	387	414	555	666	846	895	1070	1494	1606	1982
	DX Total Cooling Capacity [kW]	6.3	6.3	8.8	14.2	15.5	17.6	20.1	31.1	35.4	49.0
	Sound Power Level - Lw dB(A)	62.1	63.5	65	70	73	70	72	69	69	71
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Condensing Unit	Model	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA125AV/ ERA125AY	ERA140AV/ ERA140AY	ERA140AV/ ERA140AY	ERA140AV/ ERA140AY	ERA300AYF	2 x ERA140AV/ ERA140AY	2 x ERA200AYF

D-AHU Modular R - Base Unit c/w Thermal Wheel & CHW Module											
	Size	**ADT01FCW1**	**ADT02FCW1**	**ADT03FCW1**	**ADT04FCW1**	**ADT05FCW1**	**ADT06FCW1**	**ADT07FCW1**	**ADT08FCW1**	**ADT09FCW1**	**ADT10FCW1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.42	0.57	1.02	1.36	1.79	1.97	2.35	3.55	3.98	5.28
	Temp Efficiency Winter [%]	77.20	77.30	76.70	78.00	78.80	78.00	78.50	77.40	78.00	78.00
	Temp Efficiency Summer [%]	78.00	78.10	77.40	78.90	79.70	78.90	79.40	78.20	78.90	78.90
	ESP nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	3.3/3.3	2.4/2.4	4.4/4.4	5.8/5.8	5.9/5.9	5.9/5.9	6.7/6.7	5.9/5.9	6.4/6.4
	Power Input Supply, Nominal [kW]	0.47	0.66	1.15	1.57	2.05	2.06	2.53	3.54	2 x 2.08	2 x 2.8
	Power Input Extract, Nominal [kW]	0.42	0.57	1.03	1.44	1.89	1.87	2.34	3.24	2 x 1.89	2 x 2.51
	SFPv [kW/m³/s]	2.00	1.99	1.96	2.00	2.00	1.82	1.88	1.75	1.82	1.83
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2400	2400	2500	2620	2780	2980	3100	3150	2980	3100
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	383	413	555	668	850	900	1073	1498	1600	1988
	Total Cooling Capacity [kW]	3.1	4.13	7.5	10.0	12.8	14.5	16.9	25.8	29.2	38.6
	Sound Power Level - Lw dB(A)	62.1	63.5	65.5	70.5	73	69.5	72.5	69	72.5	73.5
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Reverse Cycle Chiller	Model	-	-	-	-	-	EWYT016CZ	EWYT021CZ	EWYT025CZ	EWYT032CZ	EWYT040CZ

Notes:

Sound power level - Supply air unit outlet.
Data sheets for above selections are available on request.
Ancillary modules include dual or single silencers, electric or lphw frost coils, humidifier & various heating/cooling coil modules.
Full selections available from your Daikin Sales Engineer.
Final pricing will be dependent on actual selection configuration and additional modules required.

Please contact your local sales office for further information on selection at different working conditions and supply of consumable spare parts such as replacement filters.

ADT

Air Handling Units

Modular-P AHU with high efficiency Plate Heat Exchanger



Energy efficiency and indoor air quality

- Ten predefined sizes
- IE4 premium efficiency motor
- High efficiency plate heat exchanger for heat recovery, all aluminium construction eliminates cross contamination of air flows
- Compact design
- Advanced control features
- Easy installation
- Indoor air quality compliant with VDI 6022 hygiene guideline
- Operating limits from -25 °C, -40 °C with electric heaters, up to +46 °C ambient temperature
- VRV IV and ERA coupling capability
- Indoor and outdoor versions
- Free cooling capability
- Economy and Night mode operation
- Bacnet & Modbus modules available as an option

Fan type

- Available with EC fan or inverter driven plug fan
- Air flow or pressure control (Variable Air Volume – Constant Air Volume)
- Nominal air flow programmed at factory
- Reduced noise with option NRLS

Simple, quick installation

The Modular series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Modular P - Base Unit c/w Plate Heat Exchanger & DX Module											
	Size	**ADT01ECD1**	**ADT02ECD1**	**ADT03ECD1**	**ADT04ECD1**	**ADT05ECD1**	**ADT06ECD1**	**ADT07ECD1**	**ADT08ECD1**	**ADT09ECD1**	**ADT10ECD1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.43	0.55	1.13	1.52	1.79	1.98	2.24	2.61	4.86	6.23
	Temp Efficiency Winter [%]	85.70	84.70	84.00	83.70	83.70	85.80	86.00	86.60	87.20	87.00
	Temp Efficiency Summer [%]	72.90	74.70	73.20	73.00	73.00	73.10	73.20	72.90	73.20	73.00
	ESP Nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	2.3/2.3	2.4/2.4	4.4/4.4	5.8/5.8	5.9/5.9	5.9/5.9	6.7/6.7	5.9/5.9	6.3/6.3
	Power Input Supply, Nominal [kW]	0.38	0.46	1.13	1.68	1.95	1.96	2.24	1.86	2 x 2.57	2 x 3.16
	Power Input Extract, Nominal [kW]	0.33	0.41	1.03	1.56	1.8	1.79	2.09	1.70	2 x 2.38	2 x 2.89
	SFPv [kW/m³/s]	1.52	1.43	1.74	1.94	1.91	1.73	1.76	1.26	1.85	1.78
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2730	2900	3310	3360	3500	3910	4040	4540	4760	4890
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	404	421	591	694	881	955	1080	1612	1890	2302
	DX Total Cooling Capacity [kW]	6.3	6.3	11.4	15.1	17.7	21.2	24.1	28.8	51.4	65.5
	Sound Power Level - Lw dB(A)	76.5	60	66.5	72.5	73	69.5	71.5	62.5	76	75
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Condensing Unit	Model	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA125AV/ ERA125AY	ERA140AV/ ERA140AY	ERA200AYF	ERA200AYF	ERA250AYF	2 x ERA250AYF	2 x ERA300AYF

D-AHU Modular P - Base Unit c/w Plate Heat Exchanger & CHW Module											
	Size	**ADT01ECW1**	**ADT02ECW1**	**ADT03ECW1**	**ADT04ECW1**	**ADT05ECW1**	**ADT06ECW1**	**ADT07ECW1**	**ADT08ECW1**	**ADT09ECW1**	**ADT10ECW1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.43	0.53	1.13	1.52	1.79	1.98	2.23	2.61	4.86	6.28
	Temp Efficiency Winter [%]	85.70	84.80	84.00	83.70	83.70	85.80	86.00	79.30	87.20	86.90
	Temp Efficiency Summer [%]	72.90	74.80	73.20	73.00	73.00	73.10	73.20	72.90	73.20	72.90
	ESP nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	2.3/2.3	2.4/2.4	4.4/4.4	5.8/5.8	5.9/5.9	5.9/5.9	6.7/6.7	5.9/5.9	6.3/6.3
	Power Input Supply, Nominal [kW]	0.39	0.46	1.25	1.76	2.02	2.05	2.31	1.96	2 x 2.78	2 x 3.53
	Power Input Extract, Nominal [kW]	0.33	0.38	1.03	1.56	1.8	1.79	2.07	1.70	2 x 2.38	2 x 2.94
	SFPv [kW/m³/s]	1.51	1.4	1.76	1.93	1.89	2.00	1.75	1.26	1.85	1.80
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2730	2900	3310	3360	3500	3910	4040	4540	4760	4890
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	401	420	597	702	885	961	1086	1616	1913	2335
	Total Cooling Capacity [kW]	3.8	4.7	10.1	13.5	16.0	17.7	19.9	24.0	43.7	56.8
	Sound Power Level - Lw dB(A)	59.1	59.5	66.5	72.5	73	69.5	71.5	62.5	76	74
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Reverse Cycle Chiller	Model	-	-	-	-	EWYT016CZ	EWYT016CZ	EWYT021CZ	EWYT025CZ	EWYT050CZ	EWYT064CZ

Notes:

Sound Power Level - Combined Supply and Extract Unit Noise Level (By calculation).
Data sheets for above selections are available on request.
Ancillary modules include dual or single silencers, electric or lphw frost coils, humidifier & various heating/cooling coil modules.
Full selections available from your Daikin Sales Engineer.
Final pricing will be dependent on actual selection configuration and additional modules required.

Please contact your local sales office for further information on selection at different working conditions and supply of consumable spare parts such as replacement filters.

AHU Filter options for your AHU from our partner at AAF



Chevronet

- High dust holding capacity and long service life
- Lightweight and easy to install
- The Chevronet filter is designed as pre-filtration for use in industrial and commercial heating, ventilation and air conditioning systems



VariCel EcoPak

- These filters are used as both prefilters and main filters in industrial and commercial HVAC installations
- The VariCel EcoPak filter can be used in place of panel filters. The upgrade in efficiency results in an improved filtration of fine particles



VariCEL VXL-E

- High dust holding capacity for facilitating a long service life and fewer changeouts
- Final filtration in central air handling systems and industrial installations
- Usage in front of HEPA filter for critical cleanroom processes

Item	Type	AAF Filter Model	Dimensions	Modular AHU Size / No. Of Filters									
				01	02	03	04	05	06	07	08	09	10
Filter	G4 Panel Filter	Chevronet	592 x 490 x 48	1	1	1	2	2	2	3			3
			592 x 287 x 48			1		1	1		3	3	1
			592 x 592 x 48								3	3	3
	M6 Compact Filter	VariCel EcoPak	592 x 287 x 48			1		1	1		3	3	1
			592 x 490 x 48	1	1	1	2	2	2	3			3
			592 x 592 x 48								3	3	3
	F7 Bag Filter	VariCEL VXL-E	590 x 490 x 292	1	1	1	2	2	2	3			3
			592 x 287 x 292			1		1	1		3	3	1
			592 x 592 x 292								3	3	3
	F9 Bag Filter	VariCEL VXL-E	592 x 490 x 292	1	1	1	2	2	2	3			3
			592 x 287 x 292			1		1	1		3	3	1
			592 x 592 x 292								3	3	3

The above table shows the number of filters fitted to each Modular AHU Size 1 to 10. **For example**, if you have a Size 10 unit with G4 Panel filters and F7 Bag Filters it will have:-

3 No. Chevronet 592 x 490 x 48
1 No. Chevronet 592 x 287 x 48
3 No. Chevronet 592 x 592 x 48
3 No. VariCEL VXL-E 592 x 490 x 292
1 No. VariCEL VXL-E 592 x 287 x 292
3 No. VariCEL VXL-E 592 x 592 x 292

The below materials are complete kits to replace or upgrade the filters in the Modular AHU series.

If we take the example on the left as a size 10 Modular AHU, to replace these filters, select SB.ADF10G4 + SB.ADF10F7. You can also select to upgrade the F7 to an F9 by selecting SB.ADF10F9.

Replacement Filter Kits

Material	Description	Trade Price
UK.ADF01G4	G4 Filters Modular ADT AHU Size 01	**£9.00**
UK.ADF01F7	F7 Filters Modular ADT AHU Size 01	**£94.00**
UK.ADF01F9	F9 Filters Modular ADT AHU Size 01	**£100.00**
UK.ADF02G4	G4 Filters Modular ADT AHU Size 02	**£9.00**
UK.ADF02F7	F7 Filters Modular ADT AHU Size 02	**£94.00**
UK.ADF02F9	F9 Filters Modular ADT AHU Size 02	**£100.00**
UK.ADF03G4	G4 Filters Modular ADT AHU Size 03	**£9.00**
UK.ADF03F7	F7 Filters Modular ADT AHU Size 03	**£94.00**
UK.ADF03F9	F9 Filters Modular ADT AHU Size 03	**£100.00**
UK.ADF04G4	G4 Filters Modular ADT AHU Size 04	**£19.00**
UK.ADF04F7	F7 Filters Modular ADT AHU Size 04	**£190.00**
UK.ADF04F9	F9 Filters Modular ADT AHU Size 04	**£201.00**
UK.ADF05G4	G4 Filters Modular ADT AHU Size 05	**£19.00**
UK.ADF05F7	F7 Filters Modular ADT AHU Size 05	**£190.00**
UK.ADF05F9	F9 Filters Modular ADT AHU Size 05	**£201.00**

Material	Description	Trade Price
UK.ADF06G4	G4 Filters Modular ADT AHU Size 06	**£19.00**
UK.ADF06F7	F7 Filters Modular ADT AHU Size 06	**£190.00**
UK.ADF06F9	F9 Filters Modular ADT AHU Size 06	**£201.00**
UK.ADF07G4	G4 Filters Modular ADT AHU Size 07	**£30.00**
UK.ADF07F7	F7 Filters Modular ADT AHU Size 07	**£285.00**
UK.ADF07F9	F9 Filters Modular ADT AHU Size 07	**£301.00**
UK.ADF08G4	G4 Filters Modular ADT AHU Size 08	**£27.00**
UK.ADF08F7	F7 Filters Modular ADT AHU Size 08	**£160.00**
UK.ADF08F9	F9 Filters Modular ADT AHU Size 08	**£181.00**
UK.ADF09G4	G4 Filters Modular ADT AHU Size 09	**£27.00**
UK.ADF09F7	F7 Filters Modular ADT AHU Size 09	**£160.00**
UK.ADF09F9	F9 Filters Modular ADT AHU Size 09	**£181.00**
UK.ADF10G4	G4 Filters Modular ADT AHU Size 10	**£30.00**
UK.ADF10F7	F7 Filters Modular ADT AHU Size 10	**£285.00**
UK.ADF10F9	F9 Filters Modular ADT AHU Size 10	**£301.00**

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Daikin Heating Systems



Daikin Altherma air-to-water heat pump offers a renewable energy heating and hot water solution, ideally suited for the UK housing market. The system uses heat pump technology with Daikin's advanced inverter compressor and utilises air as a renewable heat source. As a result, Daikin Altherma delivers high seasonal efficiencies, low running costs and reduced carbon emissions compared with traditional systems. Launched in 2006, with more than 1 million Daikin Altherma renewable heating systems already sold across Europe, Daikin Altherma is a leading name in air-to-water heat pumps.

Daikin Altherma offers the most comprehensive and flexible range of air-to-water heat pumps in the market today, suitable for houses, flats and both new build and refurbishment projects. The range is available in Low Temperature (Refrigerant Split and Monobloc models) as well as High Temperature and Hybrid models. Daikin Altherma High Temperature can deliver water temperatures of up to 70°C, providing an ideal solution for boiler replacement in harder to treat properties.

As a leading heating supplier, Daikin's product portfolio comprises a wide range of highly energy-efficient renewable energy systems, providing the right heating solution for any application and requirement.

Solar thermal systems can be combined with Daikin Altherma to provide a fully integrated renewable energy solution. Daikin Altherma systems are recognised renewable energy solutions that can reduce hot water energy costs by up to 60% compared with traditional fossil fuel systems.

Daikin is at the forefront of the drive for energy-efficient heat pump technology. We recognise that heat pumps and the use of renewable energy from the surrounding air are the answer to meet the future challenges of energy efficiency and carbon reduction targets.

Daikin's renewable energy solutions provide a real alternative to current and future problems associated with conventional heating systems such as increasing primary energy costs and unacceptably high environmental impact.

All Daikin Altherma air-to-water heat pumps* are certified by the Microgeneration Certification Scheme (MCS). Please check the MCS website for the latest list of accredited Daikin Altherma air-to-water heat pumps.

DAIKIN ALTHERMA 3 YEAR WARRANTY ON ALL PARTS AND LABOUR *

MCS CERTIFIED
MCS HP0006

011-7S1016F

* Excluding Daikin Altherma Hybrid II when used with the 3rd party gas boiler

Air-to-Water Heat Pump

Daikin Altherma air-to-water heat pump is available in the following models:



Daikin Altherma 4

High Temperature (R-290) Heat Pump 4-14 class

- Quietest Daikin Altherma so far, as low as 47 dBA
- Stunning new design single fan casing
- High heating capacity at low ambient temperatures
- Leaving water temperature up to 65°C
- Class leading refrigerant safety features

Daikin Altherma 3

Low Temperature Monobloc (R-32) Heat Pump 4-16 class

- All key hydraulics built-in, e.g. expansion vessel and circulation pump
- Sealed refrigerant circuit with no F-gas needed for installation
- A compact outdoor unit for high capacities

Low Temperature R-Split (R-32) Heat Pump 4-8 class

- Available as a floor standing unit with an integrated domestic hot water tank
- Latest inverter technology providing high efficiencies and low running costs
- Advanced controls incorporating the 'Daikin Eye'
- Easy to install, commission and control
- Stylish modern design

Low Temperature R-Split (R-32) Heat Pump 11-16 class

- Available as a floor standing unit with an integrated domestic hot water tank
- Flexible indoor and outdoor unit siting up to 50 m apart

High Temperature (R-32) Heat Pump 8-18 class

- Leaving water temperature up to 70°C (65°C for class 8, 10 & 12)
- Distinctive new design single fan casing
- Compact dimensions allow for small installation space
- Sleek design that blends in with other household appliances

*



* Daikin offers a 3 year warranty as standard on the Daikin Altherma range, with the following exceptions:

1. Daikin WS. 2 years with mandatory commissioning

R-290 R-32

Air-to-Water Heat Pump Combination Table

Daikin has a full range of air-to-water heat pumps to suit many installation requirements and applications. **Use the table below to help select the right combination of equipment.**

	Outdoor	Indoor	DHW cylinder	or	Thermal store
NEW High Temperature 04-07 class	R-290  EPSKS04-07A (page 227)	 EPBXU07A (page 230)	 SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)
NEW High Temperature 04-07 class	R-290  EPSKS04-07A (page 227)	 EPVX07SU18/23A (page 231)			
NEW High Temperature 10-14 class	R-290  EPSK10-14A (page 228)	 EPBXU10-14A (page 230)	 SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)
NEW High Temperature 10-14 class	R-290  EPSK10-14A (page 228)	 EPVX10-14SU23A (page 231)			
LT Monobloc 4-8 class	R-32  EB/DLA04-08E (page 233)	 MMI User Interface (included with the unit) Back-up heater (optional) EKLBUHCB6W1 (page 233)	 UK.PPC150-300/R32SS (page 254)  SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)
LT Monobloc 9-16 class	R-32  E(D/B)LA9-16D (page 234-235)	 MMI User Interface (included with the unit)	 UK.PPC150-300/R32SS (page 254)  SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)

	Outdoor	Indoor	DHW cylinder	or	Thermal store
High Temperature 08-18 class	R-32 QUIET MARK	 EPRA08-12E (page 237) EPRA14-18D (page 240)	 ETB(H/X)12E (page 238) ETB(H/X)16E (page 241)	 SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)
High Temperature 08-18 class	R-32 QUIET MARK	 EPRA08-12E (page 237) EPRA14-18D (page 240)	 ETVH12SU-E (page 239) ETVH16SU-E (page 242)			
LT R-Split 4-8 class	R-32	 ERGA04-08EVA (page 244)	 EHB(H/X)04-08E (page 245)	 SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)
LT R-Split 4-8 class	R-32	 ERGA04-08EVA (page 244)	 EHVH-SU-E (page 246)			
LT R-Split 11-16 class	R-32	 ERLA011-016D (page 248)	 EBB(H/X)11-16D (page 249)	 SB.EKHWSU150-300D (page 255)	or	 EKHWP300-500(P)B (page 256)
LT R-Split 11-16 class	R-32	 ERLA011-016D (page 248)	 EBVH16SU-D (page 250)			

Daikin Altherma 4 H

High temperature class 4-14

The new Daikin Altherma 4 H high temperature heat pump system is the first product to be launched in this ground breaking new range from Daikin.

The new Daikin Altherma 4 high temperature is the benchmark for acoustic comfort, heating performance and efficiency, thanks to the latest design developments. The outdoor unit has a stunning new design, with a new low noise black grille that blends into any setting. With a new fan, grille and compressor housing, this is a super quiet high temperature system. R-290 refrigerant helps this heat pump achieve high water temperatures and high capacities even at low air temperatures, ensuring reliable comfort year round. The latest safety features ensure peace of mind and the new colour touchscreen controller offers easy user control.

The new Daikin Altherma 4 H high temperature heat pump is available with wall mounted and integrated floor-standing indoor unit options.





Daikin wall mounted indoor unit

The Daikin Altherma 4 H wall mounted indoor unit offers heating and cooling with optimum flexibility for a quick and easy installation.

High flexibility for installation and domestic hot water connection

- Inclusion of all hydraulic components means no third party components are required
- Wiring and hydraulic components are located in the front for easy access
- Compact dimensions allow for small installation space, as almost no side clearances are required
- Sleek design blends in with other household appliances
- Combine with a stainless steel domestic hot water tank such as the Daikin EKHWSU-D series
- High resolution colour touchscreen user interface and Daikin Eye to show status

Daikin floor standing indoor unit

The Daikin Altherma 4 H floor standing indoor unit delivers heating and domestic hot water all in one integrated system. All the advantages of the wall mounted plus:

All-in-one system to save installation space and time

- Small footprint 595 x 600 mm
- 180 or 230 litre tank options
- All hydraulic components on top for easy installation and maintenance
- Black top with high resolution colour touchscreen user interface and Daikin eye to show status
- WLAN SD card supplied as standard for the ONECTA App as well as Cloud Interface

R-290

NEW

Single Phase
EPSKS-AV3 (4-7 Class)

High Temperature Heat Pump (4-7 Class)



Outdoor Units			Single Phase		
			EPSKS04AV3	EPSKS06AV3	EPSKS07AV3
Description			**Class 4**	**Class 6**	**Class 7**
Trade Unit Price			**£4,061.00**	**£4,396.00**	**£4,747.00**
Dimensions[1]	Height x Width x Depth	mm	958 × 1220 × 535	958 × 1220 × 535	958 × 1220 × 535
Weight		kg	109	109	109
Nominal capacity	Heating (a/b)	kW	5.34 / 5.22	6.39 / 6.30	7.40 / 8.20
	Cooling (c/d)	kW	9.19 / 6.48	9.19 / 6.48	9.19 / 6.48
Nominal input	Heating (a/b)	kW	2.22 / 2.46	2.67 / 2.97	3.27 / 3.87
	Cooling (c/d)	kW	1.52 / 1.52	1.52 / 1.52	1.52 / 1.52
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++
		Efficiency	198	199	199
		SCOP	5.03	5.05	5.05
	Space heating (Average climate) 55°C	Class	A++	A+++	A+++
		Efficiency	145	150	150
		SCOP	3.69	3.81	3.83
COP	Heating (e/f)		4.77 / 3.83	4.73 / 3.83	4.72 / 3.84
EER	Cooling (c/d)		6.05 / 4.26	6.05 / 4.26	6.05 / 4.26
Operation range	Heating	°C	-28 to +25	-28 to +25	-28 to +25
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +40	-28 to +40	-28 to +40
Sound pressure / power level	Heating	dBA	29.1 / 48.2	29.1 / 48.2	29.1 / 48.2
	Cooling	dBA	37.3 / 56.7	37.3 / 56.7	37.3 / 56.7
Refrigerant charge	R-290	kg	0.83	0.83	0.83
Water Connections (Diameter)		inch	1" (Male)	1" (Male)	1" (Male)
Piping length OU to IU tank[2]		m	20	20	20
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses		A	16	16	25
SAP ID (Wall mounted combination)		TBC	TBC	TBC	TBC
SAP ID (Integrated combination 180L)		TBC	TBC	TBC	TBC
SAP ID (Integrated combination 230L)		TBC	TBC	TBC	TBC

* With matching indoor unit
Nominal capacity and nominal input tested according to EN 14511
Heating (a): Ambient air temperature -7°CDB and leaving water temperature 45°C (A-7/W45). Heating (b): Ambient air temperature -7°CDB and leaving water temperature 55°C (A-7/W55)
Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)
Heating (e): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (f): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)
Sound pressure / power measured according to EN 12102 under conditions of EN 14825
[2] Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool.

R-290

NEW

Single Phase / Three Phase
EPSK-AV3/W1 (10-14 Class)

High Temperature Heat Pump (10-14 Class)



Outdoor Units			Single Phase	Three Phase		
			EPSK10AV3	EPSK10AW1	EPSK12AW1	EPSK14AW1
Description			**Class 10**	**Class 10**	**Class 12**	**Class 14**
Trade Unit Price			**£5,459.00**	**£5,866.00**	**£6,161.00**	**£6,604.00**
Dimensions[1]	Height x Width x Depth	mm	1122 × 1330 × 600	1122 × 1330 × 600	1122 × 1330 × 600	1122 × 1330 × 600
Weight		kg	174	178	191	191
Nominal capacity	Heating (a/b)	kW	9.28 / 9.48	9.28 / 9.48	8.24 / 12.15	13.49 / 13.30
	Cooling (c/d)	kW	10.78 / 7.84	10.78 / 7.84	11.88 / 9.01	14.90 / 11.30
Nominal input	Heating (a/b)	kW	3.75 / 4.08	3.75 / 4.08	3.48 / 5.00	5.28 / 5.67
	Cooling (c/d)	kW	2.25 / 1.83	2.25 / 2.17	2.81 / 2.55	3.80 / 3.45
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++
		Efficiency	203	203	203	195
		SCOP	5.15	5.14	5.14	4.96
	Space heating (Average climate) 55°C	Class	A+++	A+++	A+++	A+++
		Efficiency	158	157	159	150
		SCOP	4.02	4.02	4.04	3.84
COP	Heating (e/f)		4.59 / 3.85	4.59 / 3.85	5.34 / 3.99	4.17 / 3.99
EER	Cooling (c/d)		4.79 / 3.62	4.79 / 3.62	4.22 / 3.53	3.92 / 3.28
Operation range	Heating	°C	-28 to +25	-28 to +25	-28 to +25	-28 to +25
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +40	-28 to +40	-28 to +40	-28 to +40
Sound pressure / power level	Heating	dBA	32.8 / 47	32.8 / 47	38 / 52	38 / 52
	Cooling	dBA	37.3 / 53.2	37.3 / 53.2	47 / 62	48 / 63
Refrigerant charge	R-290	kg	1	1	1.25	1.25
Water Connections (Diameter)		inch	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)
Piping length OU to IU tank[2]		m	30	30	50	50
Power supply			1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	16	16	16
SAP ID (Wall mounted combination)		TBC	TBC	TBC	TBC	TBC
SAP ID (Integrated combination 230L)		TBC	TBC	TBC	TBC	TBC

* With matching indoor unit
Nominal capacity and nominal input tested according to EN 14511
Heating (a): Ambient air temperature -7°CDB and leaving water temperature 45°C (A-7/W45). Heating (b): Ambient air temperature -7°CDB and leaving water temperature 55°C (A-7/W55)
Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)
Heating (e): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (f): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)
Sound pressure / power measured according to EN 12102 under conditions of EN 14825
[2] Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool



R-290

NEW

Heating and Cooling
EPBXU-A4V/A9W

High Temperature Hydrobox (Wall Hung)



Indoor Unit (wall hung)			EPBXU07A4V	EPBXU10A4V	EPBXU14A9W
Trade Unit Price			**£2,292.00**	**£2,628.00**	**£2,759.00**
Compatible outdoor unit			EPSKS04-07AV3	EPSK010AV3/AW1	EPSK12-14AW1
Compatible DHW Cylinders			EKHWSU-D	EKHWSU-D	EKHWSU-D
User interface (Must be ordered separately)			BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)
Function			Reversible[4]	Reversible[5]	Reversible[5]
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Operating range	Heating	Min-Max.	10°C - 65°C	10°C - 65°C	10°C - 65°C
	Domestic hot water[5]	Max.	55°C	55°C	55°C
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10
Minimum water volume heating/cooling		litres	13 / 13	55 / 25	55 / 30
Minimum flow rate		l/min	20	25	25
Water connections		inch	1" (female)	1" (female)	1" (female)
Backup heater power supply [1]	Phase		1~ / 3~	1~ / 3~	1~ / 3~
	Frequency	Hz	50	50	50
	Voltage	V	230 / 400	230 / 400	230 / 400
	Maximum capacity [3]	kW	4.5 (0.5kW steps)[2]	4.5 (0.5kW steps)[3]	6 / 9 (1kW steps)[3]
	Maximum running current	A	2×13 / 6.5	2×13 / 6.5	2×13 / 13
	Recommended fuse rating [4]	A	16[3] / 10	16 [4] / 10	16[3] / 16[3]

[1] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[2] Backup heater steps electronically setup on the indoor unit interface
[3] 4 pole 16A curve 400V tripping class C (refer to wiring diagram)
[4] Can be configured for heating only in installer settings
[5] Maximum specified for EKHWSU150/180 using heat pump only

Notes:

i) * Only one optional remote sensor can be installed. Sensor connects to indoor unit.

ii) **Recommended to achieve minimum outdoor unit and antifreeze valve ground clearance of 150mm

iii) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the indoor unit

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White (W7)	**£116.00**
BRC1HHDS7	Madoka Heating - Silver (S7)	**£116.00**
BRC1HHDK7	Madoka Heating - Black (B7)	**£116.00**
EKRELSG	Smart grid relay kit (high voltage)	**£102.00**
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	**£279.00**
EKPCCAB4	PC cable – to upload field settings from PC to unit	**£300.00**
EKRSC1	Optional remote temperature sensor for outdoor unit*	**£99.00**
KRCS01-1	Optional remote temperature sensor for indoor unit*	**£74.00**
UK.FF600H150	Two flexi feet, height 150mm, 600mm length, to mount the EPSKS outdoor units**	**£88.00**
K.FF800H150	Two flexi feet, height 150mm, 800mm length, to mount the EPSK outdoor units**	**£138.00**
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	**£110.00**
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	**£157.00**
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£120.00**
EKHY3PART	Third party tank connection kit for dry pocket (contains 3 way valve and tank sensor)	**£238.00**
EKUHWG3D	G3 Kit (must be ordered separately)	**£215.00**

R-290

NEW Heating and Cooling EPVX-A4V

High Temperature Hydrobox (Integrated)



Indoor Units (Floor Standing)			EPVX07SU18A4V	EPVX07SU23A4V	EPVX10SU23A4V	EPVX14SU23A4V
Trade Unit Price			**£2,872.00**	**£2,967.00**	**£3,418.00**	**£3,588.00**
Compatible outdoor unit			**EPSKS04-07AV3**	**EPSKS04-07AV3**	**EPSK10AV3/AW1**	**EPSK12-14AW1**
User interface (must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
G3 Kit (must be ordered separately)			**EKUHWG3D**	**EKUHWG3D**	**EKUHWG3D**	**EKUHWG3D**
Function			Reversible[4]	Reversible[4]	Reversible[4]	Reversible[4]
Casing	Colour		White	White	White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 634	1,850 x 595 x 634	1,850 x 595 x 634	1,850 x 595 x 634
Weight	Unit / Packed Unit	kg	94 / 109	111 / 126	94 / 109	111 / 126
Operating range	Heating	Min-Max.	10°C - 65°C	10°C - 65°C	10°C - 65°C	10°C - 65°C
	Domestic hot water [5]	Max.	55°C	55°C	55°C	55°C
Sound power level	Nom.	dBA	45	45	45	45
Sound pressure level	Nom.	dBA	31	31	31	31
Tank	Water Volume	Litres	180	230	230	230
	Maximum water pressure	bar	10	10	10	10
	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Load profile EN16147		L	XL	XL	XL
	Standing heat loss	W	50	58	58	58
	Energy efficiency rating		B	B	B	B
	Standing heat loss @ 45K dT	kWh/24h	1.2	1.4	1.4	1.4
Hydraulic characteristics	Water connections Indoor/outdoor	inch	G 1" (female)	G 1" (female)	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)	G 1" (female)	G 1" (female)
Minimum water volume (heating/cooling)		litres	0 / 13	0 / 13	0 / 25	20 / 30
Minimum flow rate		l/min	20	20	25	25
Backup heater power supply [1]	Phase		1~ / 3~	1~ / 3~	1~ / 3~	1~ / 3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
	Maximum capacity	kW	4.5 (0.5kW steps)[2]	4.5 (0.5kW steps)[2]	4.5 (0.5kW steps)[2]	4.5 (0.5kW steps)[2]
	Maximum running current	A	2×13 / 6.5	2×13 / 6.5	2×13 / 6.5	2×13 / 6.5
	Recommended fuse rating	A	16 [3] / 10	16 [3] / 10	16 [3] / 10	16 [3] / 10

[1] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[2] Backup heater steps electronically setup on the indoor unit interface
[3] 4 pole 16A curve 400V tripping class C (refer to wiring diagram)
[4] Can be configured for heating only in installer settings
[5] Maximum using heat pump only

Daikin Altherma 3 Monobloc

Low capacity (4-8) and high capacity (9-16)



The Daikin Altherma 3 Monobloc is now available in low and high capacity models, ranging from 4-16 classes. Both models feature the latest controls and low environmental impact R-32 technology.



Low capacity



High capacity



Wiring Centre

High performance in low ambient conditions

With an operation range down to -25°C, the system delivers in the harshest of conditions. The lower capacity unit has a high performance of 60°C leaving water temperature down to -5°C ambient. The higher capacity model delivers 60°C leaving water temperature down to -7°C ambient.

The capacities vary depending on the design conditions, ambient temperature and leaving water temperature selected, so please check the capacity curves in the data books available on my.daikin.co.uk, or use our Heating Solutions Navigator design tool on Stand By Me to complete your selection.

The Daikin Altherma 3 range offers lower capacity monobloc units in 4, 6 and 8 class, complementing the higher capacity models, 9, 11, 14 and 16 class. Both models are delivered in a market-leading compact single fan casing, making them ideal for new buildings and renovations.

A redesigned outdoor unit

The Daikin Altherma 3 Monobloc high capacity offers a modern, single fan design, with compact dimensions and a sleek black grille. The new low capacity Monobloc has an ivory white casing. The white front grille is constructed with horizontal lines, hiding the fan from view and reducing the perception of the sound produced by the unit. Both are unobtrusive and versatile outdoor units suitable for a wide range of house types.

All-in-one compact design

The Daikin Altherma 3 Monobloc is an outdoor only unit including an enclosed refrigerant circuit. It is an all-in-one concept with all key hydraulics included in a single unit, such as the pump, flow sensor, and water pressure sensor. The system requires no indoor unit, only a user interface and a stand-alone domestic hot water tank.

The high capacity models (9-16) are available with an integrated backup heater, whereas the low capacity models (4-8) do not have an inbuilt backup heater. The backup heater will be available as an optional accessory. Also available as an option for all models is a wiring centre which offers a central wiring connection for all components installed inside the house.

Reduced environmental impact

Daikin Altherma 3 Monobloc uses R-32 refrigerant, which is more energy-efficient and has a lower global warming potential (GWP) than refrigerants such as R-410A, requiring 30% less refrigerant charge than an R-410A equivalent unit. This means that you can reduce your customers' environmental impact even further by installing a Daikin Altherma 3 Monobloc heat pump with R-32.

Ideal where space is at a premium

The Daikin Altherma 3 Monobloc is the ideal solution for homes where indoor space is at a premium. With a reduced size casing of only 870 mm height and a total volume of less than 0.6 m^3 for the high capacity model (740 mm high) and volume of 0.324 m^3 for the low capacity model. Both units meet permitted development rights requirements. This will result in a faster project completion time, avoiding any delays caused by planning approvals.

Installing and commissioning made easy

The rotary switchbox is a new feature for the low capacity monobloc; it helps the installer easily access the unit's hydraulic and refrigerant components. An integrated high-resolution colour interface offers practical visuals for both installers and service engineers. The commissioning wizard will make it simple to prepare the full system ready for operation in a maximum of nine easy steps.

R-32

EDLA

Monobloc Heat Pump (4-8 Class)



Accessories:

Accessory Ref	Description	Trade Price
UK.MONOR32/WC	Daikin Altherma R-32 Monobloc Wiring Centre	£307.00
BRC1HHDW7	Madoka Heating - White	£116.00
BRC1HHDS7	Madoka Heating - Silver	£116.00
BRC1HHDK7	Madoka Heating - Black	£116.00
BRP069A78	Daikin ONECTA App – Wi-fi module [SD Card]	£37.00
BRP069A71	Daikin ONECTA App (See note)	£41.00
EKRELSG	Smart grid relay kit (high voltage)	£102.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£300.00
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	£279.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£126.00
EKFLSW2	Optional flow switch (See note)	£61.00
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	£99.00
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	£74.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	£172.00
EKRP1AHT	Optional PCB kit for demand control, power consumption control and power limitation	£172.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£88.00
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	£111.00
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	£450.00
UK.DT5	Condensate drip tray (1400 x 400 x 50mm)	£109.00
K.DTFB	Floor bracket kit to mount drip tray for 2 flexi feet or wall bracket	£62.00
K.HOSE750	Pair of flexible hoses	£110.00
K.HOSE750EL	Pair of flexible hoses with elbow	£157.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£120.00
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc	£543.00
K.FERNOXTF1	Fernox magnetic filter 1"	£152.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£179.00
EKEPRHLT5H	Thermal store (500l) connection kit – For heating only models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£232.00
EKEPRHLT5X	Thermal store (500l) connecting kit – For reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£324.00
EKEPRHLT3HX	Thermal store (300l) connection kit – For heating only and reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£178.00
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£293.00
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£238.00
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£179.00

Outdoor Unit			EDLA04EV3	EDLA06EV3	EDLA08EV3	EBLA04EV3	EBLA06EV3	EBLA08EV3
Trade Unit Price			£3,615.00	£4,167.00	£4,348.00	£3,615.00	£4,167.00	£4,348.00
Description			Class 4	Class 6	Class 8	Class 4	Class 6	Class 8
Function			Heating Only	Heating Only	Heating Only	Reversible	Reversible	Reversible
Dimensions [3]	Height x Width x Depth	mm	770 x 1250 x 362	770 x 1250 x 362	770 x 1250 x 362	770 x 1250 x 362	770 x 1250 x 362	770 x 1250 x 362
Weight		kg	88	88	88	88	88	88
Nominal capacity	Heating [1/2]	kW	4.30/4.60	6.00/5.90	7.50/7.80	-	-	-
	Cooling [1/2]	kW	-	-	-	4.86/4.52	5.83/5.09	6.18/5.44
Nominal input	Heating/Cooling [1/2]	kW	0.840/1.26	1.24/1.69	1.63/2.23	0.820/1.36	1.08/1.55	1.19/1.73
COP	Heating [1/2]		5.10/3.65	4.85/3.50	4.60/3.50	-	-	-
EER	Cooling [1/2]		5.10/3.65	4.85/3.50	4.60/3.50	5.91/3.32	5.40/3.28	5.19/3.14
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	176	176	179	176	176	179
		SCOP	4.48	4.47	4.56	4.48	4.47	4.56
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	127	127	130	127	127	130
		SCOP	3.26	3.26	3.32	3.26	3.26	3.32
Operation range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-	-	-
	Cooling	°C	-	-	-	10 ~ 43	10 ~ 43	10 ~ 43
	Hot water	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
Sound power level	Heating/Cooling	dBA	58	60	62	58	60	62
Sound pressure level [4]	Heating/Cooling	dBA	44	47	49	48	49	50
Refrigerant charge (factory)	R-32	kg	1.35	1.35	1.35	1.35	1.35	1.35
Power supply			1-phase/230V/50Hz	1-phase/230V/50Hz	1-phase/230V/50Hz	1-phase/230V/50Hz	1-phase/230V/50Hz	1-phase/230V/50Hz
Recommended fuses	Max Running Current	A	19.90	19.90	24.00	19.90	19.90	24.00
	Recommended Fuse	A	20	20	25	20	20	25
Pump	No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller
Expansion vessel volume		litres	7	7	7	7	7	7
Water connections (diameter)		inch	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)
Minimum flow rate	Cooling	l/min	-	-	-	10	10	10
	Heating (incl. Defrost)	l/min	12	12	12	12	12	12
	Hot water	l/min	25	25	25	25	25	25
Maximum piping distance to tank		m	10	10	10	10	10	10
Maximum level difference		m	5	5	5	5	5	5
SAP ID		58°C / 55°C / 45°C / 35°C	107684 / 107681 / 107682 / 107683	107700 / 107697 / 107698 / 107699	107716 / 107713 / 107714 / 107715	107692 / 107689 / 107690 / 107691	107708 / 107705 / 107706 / 107707	107724 / 107721 / 107722 / 107723

BACK UP HEATER KIT (OPTIONAL)			
			EKLBUHCB6W1
Description			Back up heater kit (3kW) [vii]
Trade Unit Price			£733.00
Nominal rating		kW	3
Dimensions	Depth	mm	210
	Width	mm	250
	Height	mm	560
Power supply			1-phase / 230V / 50Hz
Recommended fuse	3kW 1ph 230V [vii]	Amps	16
Water connections	Diameter	inch	1" (male)

Notes:

i) User interface (MMI) is supplied with outdoor unit
ii) EKFLSW2 must be ordered if glycol is present within the system
iii) Only one optional remote sensor can be installed
iv) For compatible cylinders, see page 253
v) **Recommended to achieve minimum outdoor unit and antifreeze valve ground clearance of 150mm
vi) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the user interface
vii) Back up heater kit EKLBUHCB6W1 can also be configured for 3kW or 6kW, 1ph or 3ph. See monobloc installation manual for more details

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:
Heating [1] : Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35) Heating [2] : Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)
Cooling [1] : Ambient air temperature 35°C and leaving water temperature 18°C (A35 W18) Cooling [2] : Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)
[3] Includes aesthetic grille [4] Sound pressure level measured at 1m from the unit

Accessory Ref	Description	Trade Price
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£322.00
EKCC9-W	Sequence Controller	£1,056.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£336.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£329.00
EKTESE1	sensor+25m cable EKHWSU	£56.00

Accessory Ref	Description	Trade Price
EKTESE2	sensor+25m cable EKHWSP	£56.00
EKMBHBP	R-32 Monobloc valve for BUH option used with EBLA models	£164.00
UK.HPCEDLA468	Heat Pump Cover - To protect the monobloc from damage and dirt until heat pump is in use	£346.00

R-32

EDLA

Monobloc Heat Pump (9-16 Class)



Accessories:

Accessory Ref	Description	Trade Price
UK.MONOR32/WC	Daikin Altherma R-32 Monobloc Wiring Centre	£307.00
BRC1HHDW7	Madoka Heating - White	£116.00
BRC1HHDS7	Madoka Heating - Silver	£116.00
BRC1HHDK7	Madoka Heating - Black	£116.00
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£37.00
BRP069A71	Daikin ONECTA App (See note)	£41.00
EKRELSG	Smart grid relay kit (high voltage)	£102.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£300.00
UK.AFVALVE2/ JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	£279.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£126.00
EKFLSW1	Optional flow switch (See note)	£102.00
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	£99.00
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	£74.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	£172.00
EKRP1AHT	Optional PCB kit for demand control, power consumption control and power limitation	£172.00
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	£140.00
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	£218.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£133.00
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi feet or wall bracket	£101.00
K.HOSE750	Pair of flexible hoses	£110.00
K.HOSE750EL	Pair of flexible hoses with elbow	£157.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£120.00
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc	£543.00
K.FERNOXTF1	Fernox magnetic filter 1"	£152.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£179.00
EKEPRHLT5H	Thermal store (500l) connection kit – For heating only models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£232.00
EKEPRHLT5X	Thermal store (500l) connecting kit – For reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£324.00
EKEPRHLT3HX	Thermal store (300l) connection kit – For heating only and reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£178.00

Outdoor Unit			Single Phase				Three Phase			
			EBLA09D3V3U	EDLA11D3V3	EDLA14D3V3	EDLA16D3V37	EDLA09D3W1	EDLA11D3W1	EDLA14D3W1	EDLA16D3W17
Trade Unit Price			£5,245.00	£5,691.00	£6,111.00	£6,612.00	£5,454.00	£5,921.00	£6,354.00	£6,871.00
Description			Class 9	Class 11	Class 14	Class 16	Class 9	Class 11	Class 14	Class 16
Function			Heating Only[2]	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only
Dimensions[1]	Height x Width x Depth	mm	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460
Weight		kg	149	149	149	149	149	149	149	149
Nominal capacity	Heating (a/b)	kW	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0
	Cooling	kW	-	-	-	-	-	-	-	-
Nominal input	Heating (a/b)	kW	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56
COP	Heating (a/b)		4.91/3.71	4.83/3.66	4.87/3.64	4.53/3.51	4.91/3.72	4.83/3.66	4.87/3.64	5.43/3.51
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	188	182	182	182	186	182	182	182
		SCOP	4.77	4.64	4.62	4.62	4.72	4.64	4.62	4.62
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++	A++	A++
		Efficiency	139	130	132	130	133	130	132	130
		SCOP	3.55	3.32	3.37	3.33	3.39	3.32	3.37	3.33
EER	Cooling		-	-	-	-	-	-	-	-
Operation range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling	°C	-	-	-	-	-	-	-	-
	Hot water	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
Sound power level	Heating	dBA	62	62	62	62	62	62	62	62
Refrigerant charge (factory)	R-32	kg	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz
Recommended fuses	Outdoor unit	A	32	32	32	32	13	13	13	13
Pump	No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller
Expansion vessel volume		litres	8	8	8	8	8	8	8	8
Water connections (diameter)		inch	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)
Minimum water volume		litres	20	20	20	20	20	20	20	20
Minimum flow rate	Cooling/Heating above 5°C	l/min	20	20	20	20	20	20	20	20
	Heating below -5°C	l/min	22	22	22	22	22	22	22	22
	Hot water	l/min	28	28	28	28	28	28	28	28
Maximum piping distance to tank		m	10	10	10	10	10	10	10	10
Maximum level difference		m	5	5	5	5	5	5	5	5
SAP ID		58°C/55°C / 45°C / 35°C	108142/108139/ 108140/108141	107756/107753/ 107754 / 107755	107780/107777/ 107778 / 107779	107812/107809/ 107810 / 107811	107740/107737/ 107738/107739	105354/105351/ 105352/105353	107796/107793/ 107794/107795	107828/107825/ 107826/107827

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:
Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)
Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)
Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)
Sound pressure level measured at 1m from the unit
[1] Excludes aesthetic grille
[2] System settings must be changed during commissioning if used for heating only operation. Refer to settings guidance document UK.EBLAHOINSTR

Accessory Ref	Description	Trade Price
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£293.00
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£238.00
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£179.00
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£322.00
EKCC9-W	Sequence Controller	£1,056.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/ Resistance/Smart Grid) Gateway	£336.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£329.00

Notes:

i) User interface (MMI) is supplied with outdoor unit

ii) EKFLSW1 must be ordered if glycol is present within the system

iii) Only one optional remote sensor can be installed

iv) SD Card BRP069A78 must be purchased for the WLAN/Cloud connectivity. BRP069A71 has the same functionality but will only be required in case of bad connectivity in location of the user interface

DAIKIN ALTHERMA R-32 MONOBLOC WIRING CENTRE (OPTIONAL)			
			UK.MONOR32/WC
Description			Wiring centre
Trade Unit Price			£307.00
To use with			EDLA09~16D
Fuse (DHW Booster Heater)	Amps		16
Dimensions (Wiring Centre)	Depth	mm	107
	Width	mm	241
	Height	mm	194
Dimensions (PCB for Outdoor)	Depth	mm	60
	Width	mm	120
	Height	mm	120

Note: i. Wiring centre also compatible with the low capacity monobloc range (EB/DLA04~08EV3)
ii. Wiring centre not compatible with Pre-Plumbed Cylinder UK.PPC R32/SS

R-32

EBLA

Monobloc Heat Pump (9-16 Class)



Accessories:

Accessory Ref	Description	Trade Price
UK.MONOR32/WC	Daikin Altherma R-32 Monobloc Wiring Centre	£307.00
BRC1HHDW7	Madoka Heating - White	£116.00
BRC1HHDS7	Madoka Heating - Silver	£116.00
BRC1HHDK7	Madoka Heating - Black	£116.00
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£37.00
BRP069A71	Daikin ONECTA App (See note)	£41.00
EKRELSG	Smart grid relay kit (high voltage)	£102.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£300.00
UK.AFVALVE2/ JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	£279.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£126.00
EKFLSW1	Optional flow switch (See note)	£102.00
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	£99.00
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	£74.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	£172.00
EKRP1AHT	Optional PCB kit for demand control, power consumption control and power limitation	£172.00
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	£140.00
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	£218.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£133.00
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi feet or wall bracket	£101.00
K.HOSE750	Pair of flexible hoses	£110.00
K.HOSE750EL	Pair of flexible hoses with elbow	£157.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£120.00
K.FERNOXTF1	Fernox magnetic filter 1"	£152.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£179.00
EKEPRHLT5H	Thermal store (500l) connection kit – For heating only models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£232.00
EKEPRHLT5X	Thermal store (500l) connecting kit – For reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£324.00
EKEPRHLT3HX	Thermal store (300l) connection kit – For heating only and reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	£178.00

Outdoor Unit			Single Phase				Three Phase			
			EBLA09D3V3U	EBLA11D3V3	EBLA14D3V3	EBLA16D3V37	EBLA09D3W1	EBLA11D3W1	EBLA14D3W1	EBLA16D3W17
Trade Unit Price			£5,245.00	£5,691.00	£6,111.00	£6,612.00	£6,438.00	£5,921.00	£6,354.00	£6,871.00
Description			Class 9	Class 11	Class 14	Class 16	Class 9	Class 11	Class 14	Class 16
Function			Reversible	Reversible	Reversible	Reversible	Reversible	Reversible	Reversible	Reversible
Dimensions[1]	Height x Width x Depth	mm	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460
Weight		kg	149	149	149	149	149	149	149	149
Nominal capacity	Heating (a/b)	kW	9.37 / 9.00	10.6 / 9.82	12.0 / 12.5	16.0 / 16.0	9.37 / 9.00	10.6 / 9.82	12.0 / 12.5	16.0 / 16.0
	Cooling	kW	9.35 / 9.10	11.60 / 11.50	12.8 / 12.7	14.0 / 15.3	9.35 / 9.04	11.6 / 11.5	12.8 / 12.7	14.0 / 15.3
Nominal input	Heating (a/b)	kW	1.91 / 2.43	2.18 / 2.68	2.46 / 3.42	3.53 / 4.56	1.91 / 2.43	2.18 / 2.68	2.46 / 3.42	3.53 / 4.56
COP	Heating (a/b)		4.91 / 3.71	4.83 / 3.66	4.87 / 3.64	4.53 / 3.51	4.91 / 3.72	4.83 / 3.66	4.87 / 3.64	5.43 / 3.51
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	188	186	185	185	190	186	185	185
		SCOP	4.77	4.73	4.70	4.69	4.82	4.73	4.70	4.69
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++	A++	A++
		Efficiency	139	132	134	132	135	132	134	132
		SCOP	3.55	3.37	3.42	3.37	3.44	3.37	3.42	3.37
EER	Cooling		3.35 / 5.34	3.26 / 5.31	3.16 / 5.04	3.06 / 4.74	3.35 / 3.34	3.26 / 5.31	3.16 / 5.04	3.06 / 4.74
Operation range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling	°C	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43	10 ~ 43
	Hot water	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
Sound power level	Heating	dBA	62	62	62	62	62	62	62	62
Refrigerant charge (factory)	R-32	kg	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz	3-Phase / 400V / 50Hz
Recommended fuses	Outdoor unit	A	32	32	32	32	13	13	13	13
Pump	No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller
Expansion vessel volume		litres	8	8	8	8	8	8	8	8
Water connections (diameter)		inch	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)
Minimum water volume		litres	20	20	20	20	20	20	20	20
Minimum flow rate	Cooling/Heating above 5°C	l/min	20	20	20	20	20	20	20	20
	Heating below -5°C	l/min	22	22	22	22	22	22	22	22
	Hot water	l/min	28	28	28	28	28	28	28	28
Maximum piping distance to tank		m	10	10	10	10	10	10	10	10
Maximum level difference		m	5	5	5	5	5	5	5	5
SAP ID		58°C/55°C / 45°C / 35°C	108142 / 108139 / 108140 / 108141	107764 / 107761 / 107762 / 107763	107788 / 107785 / 107786 / 107787	107820 / 107817 / 107818 / 107819	107748 / 107745 / 107746 / 107747	107772 / 107769 / 107770 / 107771	107804 / 107801 / 107802 / 107803	107836 / 107833 / 107834 / 107835

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:
Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)
Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)
Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)
Sound pressure level measured at 1m from the unit
[1] Excludes aesthetic grille

Accessory Ref	Description	Trade Price
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£293.00
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£238.00
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£179.00
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£322.00
EKCC9-W	Sequence Controller	£1,056.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/ Resistance/Smart Grid) Gateway	£336.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£329.00

Notes:

i) User interface (MMI) is supplied with outdoor unit

ii) EKFLSW1 must be ordered if glycol is present within the system

iii) Only one optional remote sensor can be installed

iv) SD Card BRP069A78 must be purchased for the WLAN/Cloud connectivity. BRP069A71 has the same functionality but will only be required in case of bad connectivity in location of the user interface

DAIKIN ALTHERMA R-32 MONOBLOC WIRING CENTRE (OPTIONAL)			
			UK.MONOR32/WC
Description			Wiring centre
Trade Unit Price			£307.00
To use with			EDLA09~16D
Fuse (DHW Booster Heater)	Amps		16
Dimensions (Wiring Centre)	Depth	mm	107
	Width	mm	241
	Height	mm	194
Dimensions (PCB for Outdoor)	Depth	mm	60
	Width	mm	120
	Height	mm	120

Note: i. Wiring centre also compatible with the low capacity monobloc range (EB/DLA04~08EV3)
ii. Wiring centre not compatible with Pre-Plumbed Cylinder UK.PPC R32/SS

Daikin Altherma 3 High Temperature

Low capacity (8-12) and high capacity (14-18)

The Daikin Altherma 3 High Temperature is the first Daikin outdoor unit with a distinctive new design. The single fan reduces noise levels, while the black front grille blends into any setting.

The Daikin Altherma 3 High Temperature is the pinnacle of acoustic comfort and heating performance, thanks to the latest design developments. Quiet Mark certified, it operates at whisper-quiet levels. Several major components have been enhanced to achieve this excellence - such as a double injection compressor and a single fan even on large capacity units - all wrapped up in a brand-new casing.

The High Temperature Heat Pump is now available with the wall mounted and integrated floor-standing indoor unit options.





Example of installation with a stainless steel domestic hot water tank.

Daikin wall mounted unit

The Daikin Altherma 3 split wall mounted unit offers heating and cooling with optimum flexibility for a quick and easy installation.

High flexibility for installation and domestic hot water connection

- Inclusion of all hydraulic components means no third party components are required
- PCB board and hydraulic components are located in the front for easy access
- Compact dimensions allow for small installation space, as almost no side clearances are required
- The unit's sleek design blends in with other household appliances
- Combine with a stainless steel domestic hot water tank

Daikin floor standing unit

The Daikin Altherma floor standing unit delivers heating and domestic hot water all in one integrated system.

All-in-one system to save installation space and time

- Reduced footprint 595 x 600 mm
- 180 or 230 litre tank options
- All hydraulic components on top for easy installation and maintenance
- Black top high-resolution MMI controller [User Interface] and Daikin Eye to show status
- WLAN SD card supplied as standard for the ONECTA App as well as Cloud Interface
- Smart Grid Ready

R-32

Single Phase / Three Phase EPRA-EV3/W1

High Temperature Heat Pump (8-12 Class)



Outdoor Units			Single Phase			Three Phase		
			EPRA08EV3	EPRA10EV3	EPRA12EV3	EPRA08EW1	EPRA10EW1	EPRA12EW1
Description			**Class 8**	**Class 10**	**Class 12**	**Class 8**	**Class 10**	**Class 12**
Trade Unit Price			**£3,850.00**	**£4,153.00**	**£4,466.00**	**£4,045.00**	**£4,359.00**	**£4,690.00**
Dimensions [1]	Height x Width x Depth	mm	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460
Weight		kg	118	118	118	118	118	118
Nominal capacity	Heating (a/b)	kW	8.71/8.68	9.38/10.03	9.77/10.85	8.71/8.68	9.38/10.03	9.77/10.85
	Cooling (c/d)	kW	10.33/7.89	11.77/7.97	12.66/8.62	10.89/7.33	11.77/7.97	12.66/8.62
Nominal input	Heating (a/b)	kW	3.68/4.41	4.10/5.29	4.36/5.77	3.54/4.33	3.94/5.08	4.19/5.56
	Cooling (c/d)	kW	2.37/2.50	2.86/2.66	3.27/2.97	2.41/2.29	2.76/2.57	3.15/2.87
Seasonal space heating efficiency (Heating Only Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	184	186	186	190	191	191
		SCOP	4.69	4.71	4.71	4.81	4.84	4.84
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	134	134	134	138	138	138
		SCOP	3.41	3.43	3.43	3.52	3.53	3.53
Seasonal space heating efficiency (Reversible Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	188	190	190	195	196	196
		SCOP	4.79	4.82	4.82	4.95	4.98	4.98
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	136	136	136	141	141	141
		SCOP	3.47	3.48	3.48	3.59	3.60	3.60
COP	Heating (e/f)		4.92	4.92	4.92	5.10	5.10	5.10
EER	Cooling (c/d)		3.00 / 5.56	3 / 5.56	2.96 / 5.56	3.28 / 5.75	3.10 / 5.75	3.01 / 5.75
Operation range	Heating	°C	-28 to +25	-28 to +25	-28 to +25	-28 to +25	-28 to +25	-28 to +25
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35
Sound pressure / power level	Heating	dBA	40.6 / 54.0	40.6 / 54.0	40.6 / 54.0	40.6 / 54.0	40.6 / 54.0	40.6 / 54
	Cooling	dBA	47.4 / 60.6	48.5 / 61.5	47.0 / 60.1	47.4 / 60.6	48.5 / 61.5	48.5 / 61.5
Refrigerant charge	R-32	kg	3.25	3.25	3.25	3.25	3.25	3.25
Water Connections (Diameter)		inch	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)
Piping length OU to IU [2]		m	10 [2]	10 [2]	10 [2]	10 [2]	10 [2]	10 [2]
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	32	32	16	16	16
SAP ID (Heating only combination)		58°C / 55°C / 45°C / 35°C	106218 / 106215 / 106216 / 106217	106226 / 106223 / 106224 / 106225	106234 / 106231 / 106232 / 106233	TBC	TBC	TBC
SAP ID (Integrated combination 180L)		58°C / 55°C / 45°C / 35°C	106242 / 106239 / 106240 / 106241	106258 / 106255 / 106256 / 106257	106274 / 106271 / 106272 / 106273	TBC	TBC	TBC
SAP ID (Integrated combination 230L)		58°C / 55°C / 45°C / 35°C	106250 / 106247 / 106248 / 106249	106266 / 106263 / 106264 / 106265	106282 / 106279 / 106280 / 106281	TBC	TBC	TBC
SAP ID (Reversible combination)		58°C / 55°C / 45°C / 35°C	106290 / 106287 / 106288 / 106289	106298 / 106295 / 106296 / 106297	106306 / 106303 / 106304 / 106305	TBC	TBC	TBC

Nominal capacity and nominal input tested according to EN 14511
Heating (a): Ambient air temperature -2°CDB and leaving water temperature 55°C (A-2/W55). Heating (b): Ambient air temperature -2°CDB and leaving water temperature 65°C (A-2/W65)
Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)
Heating (e): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (f): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)
Sound pressure / power measured according to EN 12102 under conditions of EN 14825
[1] Excludes aesthetic grille
[2] Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool

R-32

Heating and Cooling ETBH(X)-E

High Temperature Hydrobox (Wall Hung)



Indoor Unit (wall hung)			Heating Only		Heating and Cooling	
			ETBH12E6V	ETBH12E9W	ETBX12E6V	ETBX12E9W
Trade Unit Price			**£1,765.00**	**£1,841.00**	**£1,765.00**	**£1,841.00**
Compatible outdoor unit			**EPRA08-12EV/EW1**	**EPRA08-12EV/EW1**	**EPRA08-12EV/EW1**	**EPRA08-12EV/EW1**
Compatible DHW Cylinders			**EKHWSU-D**	**EKHWSU-D**	**EKHWSU-D**	**EKHWSU-D**
User interface (Must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
Function			Heating Only	Heating Only	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Operating range	Heating	°C	+18 to +65	+18 to +65	+18 to +65	+18 to +65
	Cooling	°C	-	-	+5 to +25	+5 to +25
	Domestic hot water [1]	°C	+10 to 75	+10 to 75	+10 to 75	+10 to 75
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	20	20	20	20
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)
Backup heater power supply [2]	Phase		1~ / 3~	3~	1~ / 3~	3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	400	230	400
	Maximum capacity [3]	kW	6 (2 step)	9 (2 step)	6 (2 step)	9 (2 step)
	Maximum running current	A	26	13	26	13
	Recommended fuse rating [4]	A	20	20	20	20

[1] Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system)
[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[3] Backup heater steps electronically setup on the indoor unit interface
[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

Notes:

i) * Only one optional remote sensor can be installed. Sensor connects to indoor unit

ii **Recommended to achieve minimum outdoor unit and anti-freeze valve ground clearance of 150mm

iii) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the indoor unit

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White	**£116.00**
BRC1HHDS7	Madoka Heating - Silver	**£116.00**
BRC1HHDK7	Madoka Heating - Black	**£116.00**
EKRELSG	Smart grid relay kit (high voltage)	**£102.00**
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	**£279.00**
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	**£126.00**
EKPCCAB4	PC cable – to upload field settings from PC to unit	**£300.00**
EKRSC1	Optional remote temperature sensor for outdoor unit*	**£99.00**
KRCS01-1	Optional remote temperature sensor for indoor unit*	**£74.00**
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	**£172.00**
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	**£172.00**
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	**£88.00**
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	**£153.00**
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	**£187.00**
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	**£133.00**
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	**£62.00**
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	**£110.00**

Accessory Ref	Description	Trade Price
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	**£157.00**
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£120.00**
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	**£293.00**
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	**£238.00**
BRP069A71	Daikin ONECTA App (See note)	**£41.00**
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£179.00**
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£322.00**
EKCC9-W	Sequence Controller	**£1,056.00**
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	**£336.00**
DCOM-LT/MB	Daikin Altherma Modbus Gateway	**£329.00**

R-32

Heating ETVH-E

High Temperature Hydrobox (Integrated)



Indoor Units (Floor Standing)			Single Phase	
			ETVH12SU18E6V	ETVH12SU23E6V
Trade Unit Price			**£3,148.00**	**£3,284.00**
Compatible outdoor unit			**EPRA08-12EV/EW1**	**EPRA08-12EV/EW1**
User interface (must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
G3 Kit (must be ordered separately)			**EKUHWG3D**	**EKUHWG3D**
Function			Heating only	Heating only
Casing	Colour		White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	108 / 127	117 / 136
Operating range	Heating	Min-Max.	10°C - 65°C	10°C - 65°C
	DHW	Max.	65°C(1)	65°C(1)
Sound power level	Nom.	dBA	44	44
Sound pressure level	Nom.	dBA	30	30
Tank	Water Volume	Litres	180	230
	Maximum water pressure	bar	10	10
	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Load profile EN16147		L	XL
	Standing heat loss	W	56	73
	Energy efficiency rating		B	C
	Standing heat loss @ 45K dT	kWh/24h	1.4	1.8
Hydraulic characteristics	Water connections Indoor / outdoor	inch	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20
Minimum flow rate		l/min	20	20
Backup heater power supply [2]	Phase		1~ / 3~	1~ / 3~
	Frequency	Hz	50	50
	Voltage	V	230	230
	Maximum capacity	kW	6 (2 step) [3]	6 (2 step) [3]
	Maximum running current	A	26	26
	Recommended fuse rating	A	20 [4]	20 [4]

[1] Tank temperature up to 75°C possible with booster heater only operation (if available in the system)
[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[3] Backup heater steps electronically setup on the indoor unit interface
[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

R-32

Single Phase / Three Phase EPRA-DV37/W17

High Temperature Heat Pump (14-18 Class)



QUIET MARK

Outdoor Units			Single Phase			Three Phase		
			EPRA14DV37	EPRA16DV37	EPRA18DV37	EPRA14DW17	EPRA16DW17	EPRA18DW17
Description			**Class 14**	**Class 16**	**Class 18**	**Class 14**	**Class 16**	**Class 18**
Trade Unit Price			**£4,681.00**	**£5,129.00**	**£5,702.00**	**£4,923.00**	**£5,373.00**	**£5,948.00**
Dimensions [1]	Height x Width x Depth	mm	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460	990 x 1270 x 460
Weight		kg	146	146	146	151	151	151
Nominal capacity	Heating (a/b)	kW	10.17 / 10.12	11.57 / 11.51	12.11 / 12.04	10.39 / 10.26	11.82 / 11.67	12.37 / 12.21
	Cooling (c/d)	kW	10.55 / 6.90	11.51 / 7.88	12.46 / 8.86	10.55 / 6.90	11.51 / 7.88	12.46 / 8.86
Seasonal space heating efficiency (Heating Only Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	177	177	177	186	186	186
		SCOP	4.51	4.51	4.51	4.71	4.71	4.71
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	140	140	140	140	140	140
		SCOP	3.58	3.58	3.58	3.57	3.57	3.57
Seasonal space heating efficiency (Reversible Indoor Unit)	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	180	180	180	180	180	180
		SCOP	4.57	4.57	4.57	4.57	4.57	4.57
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	142	142	142	142	142	142
		SCOP	3.62	3.62	3.62	3.63	3.63	3.63
COP	Heating (e/f)		4.86 / 3.70	4.86 / 3.70	4.86 / 3.70	4.50 / 3.56	4.50 / 3.56	4.50 / 3.56
EER	Cooling (c/d)		4.13 / 2.70	4.11 / 2.69	4.09 / 2.68	4.13 / 2.70	4.11 / 2.69	4.09 / 2.68
Operation range	Heating	°C	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35
	Cooling	°C	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43	+10 to +43
	Domestic Hot water	°C	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35	-28 to +35
Sound pressure / power level	Heating	dBA	43 / 54	44 / 54	48 / 54	43 / 54	43 / 54	48 / 54
	Cooling	dBA	43 / 54	44 / 54	48 / 54	43 / 54	43 / 54	48 / 54
Refrigerant charge	R-32	kg	4.2	4.2	4.2	4.2	4.2	4.2
Water Connections (Diameter)		inch	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)	1" (Male)
Piping length OU to IU [2]		m	10 [2]	10 [2]	10 [2]	10 [2]	10 [2]	10 [2]
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	32	32	16	16	16
SAP ID (Heating only combination)		65°C / 55°C / 45°C / 35°C	105756 / 105755 / 105754 / 105755	105764 / 105761 / 105762 / 105763	105772 / 105769 / 105770 / 105771	TBC	TBC	TBC
SAP ID (Integrated combination 180L)		65°C / 55°C / 45°C / 35°C	105898 / 105895 / 105896 / 105897	105914 / 105911 / 105912 / 105913	105930 / 105927 / 105928 / 105929	TBC	TBC	TBC
SAP ID (Integrated combination 230L)		65°C / 55°C / 45°C / 35°C	105906 / 105903 / 105904 / 105905	105922 / 105919 / 105920 / 105921	105938 / 105935 / 105936 / 105937	TBC	TBC	TBC
SAP ID (Reversible combination)		65°C / 55°C / 45°C / 35°C	105873 / 105870 / 105871 / 105872	105881 / 105878 / 105879 / 105880	105889 / 105886 / 105887 / 105888	TBC	TBC	TBC

Nominal capacity and nominal input tested according to EN 14511
Heating (a): Ambient air temperature -2°CDB and leaving water temperature 55°C (A-2/W55). Heating (b): Ambient air temperature -2°CDB and leaving water temperature 65°C (A-2/W65)
Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)
Heating (e): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (f): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)
Sound pressure / power measured according to EN 12102 under conditions of EN 14825
[1] Excludes aesthetic grille
[2] Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool

R-32

Heating and Cooling ETBH(X)-E

High Temperature Hydrobox (Wall Hung)



Indoor Unit (wall hung)			Heating Only		Heating and Cooling	
			ETBH16E6V7	ETBH16E9W7	ETBX16E6V7	ETBX16E9W7
Trade Unit Price			**£1,857.00**	**£1,939.00**	**£1,857.00**	**£1,939.00**
Compatible outdoor unit			**EPRA14-18DV37/DW17**	**EPRA14-18DV37/DW17**	**EPRA14-18DV37/DW17**	**EPRA14-18DV37/DW17**
Compatible DHW Cylinders			**EKHWSU-D**	**EKHWSU-D**	**EKHWSU-D**	**EKHWSU-D**
User interface (Must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
Function			Heating Only	Heating Only	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Operating range	Heating	°C	+18 to +70	+18 to +70	+18 to +70	+18 to +70
	Cooling	°C	-	-	+5 to +25	+5 to +25
	Domestic hot water [1]	°C	+10 to 75	+10 to 75	+10 to 75	+10 to 75
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	25	25	25	25
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)
Backup heater power supply [2]	Phase		1~ / 3~	3~	1~ / 3~	3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	400	230	400
	Maximum capacity [3]	kW	6 (2 step)	9 (2 step)	6 (2 step)	9 (2 step)
	Maximum running current	A	26	13	26	13
	Recommended fuse rating [4]	A	20	20	20	20

[1] Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system)
[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[3] Backup heater steps electronically setup on the indoor unit interface
[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

Notes:

i) * Only one optional remote sensor can be installed. Sensor connects to indoor unit

ii Recommended to achieve minimum outdoor unit and anti-freeze valve ground clearance of 150mm

iii) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the indoor unit

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White	**£116.00**
BRC1HHDS7	Madoka Heating - Silver	**£116.00**
BRC1HHDK7	Madoka Heating - Black	**£116.00**
EKRELSG	Smart grid relay kit (high voltage)	**£102.00**
UK.AFVALVE2/ JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	**£279.00**
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	**£126.00**
EKPCCAB4	PC cable – to upload field settings from PC to unit	**£300.00**
EKRSC1	Optional remote temperature sensor for outdoor unit*	**£99.00**
KRCS01-1	Optional remote temperature sensor for indoor unit*	**£74.00**
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	**£172.00**
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	**£172.00**
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	**£88.00**
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	**£153.00**
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	**£187.00**
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	**£133.00**
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	**£62.00**

Accessory Ref	Description	Trade Price
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	**£110.00**
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	**£157.00**
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£120.00**
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	**£293.00**
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	**£238.00**
BRP069A71	Daikin ONECTA App (See note)	**£41.00**
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£179.00**
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£322.00**
EKCC9-W	Sequence Controller	**£1,056.00**
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/ Resistance/Smart Grid) Gateway	**£336.00**
DCOM-LT/MB	Daikin Altherma Modbus Gateway	**£329.00**

R-32

Heating ETVH-E

High Temperature Hydrobox (Integrated)



Indoor Units (Floor Standing)			Single Phase	
			ETVH16SU18E6V7	ETVH16SU23E6V7
Trade Unit Price			**£3,314.00**	**£3,380.00**
Compatible outdoor unit			**EPRA14/16/18DV37/W17**	**EPRA14/16/18DV37/W17**
User interface (must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
G3 Kit (must be ordered separately)			**EKUHWG3D**	**EKUHWG3D**
Function			Heating only	Heating only
Casing	Colour		White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	109 / 126	118 / 135
Operating range	Heating	Min-Max.	10°C - 63°C	10°C - 63°C
	DHW	Max.	63°C [1]	63°C [1]
Sound power level	Nom.	dBA	44	44
Sound pressure level	Nom.	dBA	30	30
Tank	Water Volume	Litres	180	230
	Maximum water pressure	bar	10	10
	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Load profile EN16147		L	XL
	Standing heat loss	W	56	73
	Energy efficiency rating		C	B
	Standing heat loss @ 45K dT	kWh/24h	1.8	1.4
Hydraulic characteristics	Water connections Indoor / outdoor	inch	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20
Minimum flow rate		l/min	20	20
Backup heater power supply [2]	Phase		1~ / 3~	1~ / 3~
	Frequency	Hz	50	50
	Voltage	V	230	230
	Maximum capacity	kW	6 (2 step) [3]	6 (2 step) [3]
	Maximum running current	A	26	26
	Recommended fuse rating	A	20 [4]	20 [4]

[1] Tank temperature up to 75°C possible with booster heater only operation (if available in the system)
[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[3] Backup heater steps electronically setup on the indoor unit interface
[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)



Daikin Altherma 3 Low Temperature

Low capacity (4-8) and high capacity (11-16)



The Daikin Altherma 3 R-Split comes in low 4-8 class and 11-16 class capacity models. Both are available in two indoor options; a wall hung unit or an integrated floor standing unit. Both feature the latest controls and low environmental impact R-32 technology.

Easy to install

- Delivered ready to work: all key hydraulic elements are already factory mounted
- The new design allows all servicing to be undertaken from the front and all piping to be accessed at the top of the unit
- Stylish modern outlook
- The outdoor unit is tested and charged with refrigerant, resulting in reduced installation time

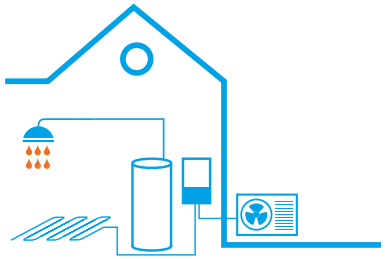
Easy commissioning

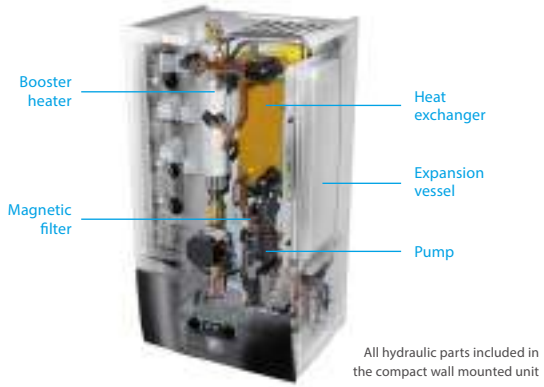
- Integrated high-resolution colour interface
- Commissioning wizard will have the full system ready to work in a maximum of nine easy steps
- Configuration can take place remotely and settings uploaded to the unit after installation

Easy to control

- The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressor maximises the efficiency of the new Daikin Altherma 3 with R-32 Bluevolution technology at each outdoor temperature, ensuring consistent room temperatures at all times
- Home temperature settings can be adjusted on a daily basis via the Daikin ONECTA app. This online controller allows adjustment of home comfort levels to suit individual preferences while achieving further energy efficiencies

Wall mounted unit



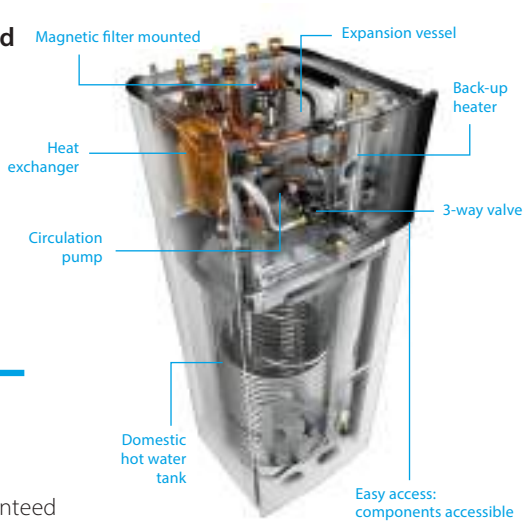


All hydraulic parts included in the compact wall mounted unit

- High Flexibility for installation with Daikin domestic hot water tanks
- Compact unit with small installation (almost no side clearance is required)
- Can be combined with a space separate domestic hot water tank up to 300 litres, with or without solar support
- Stylish modern design
- Compatible with the Daikin Onecta app
- Voice control available

Floor standing unit with integrated domestic hot water tank





- Compact and yet 100% comfort guaranteed
- All components and connections are factory mounted
- Compact 595 x 625 mm installation footprint required
- Minimum electrical input with constantly available hot water
- Modern stylish design available in white
- Compatible with the Daikin Onecta app
- Voice control available

R-32

Single Phase ERGA-EVA

Low Temperature R-Split Heat Pump



Outdoor Units			Single Phase		
			ERGA04EVA	ERGA06EVA	ERGA08EVA
Description			Class 4	Class 6	Class 8
Trade Unit Price			£1,787.00	£1,823.00	£2,440.00
Dimensions	Height x Width x Depth	mm	740 x 884 x 388	740 x 884 x 388	740 x 884 x 388
Weight		kg	58.5	58.5	58.5
Nominal capacity	Heating (a/b)	kW	4.30 / 4.60	6.00 / 5.90	7.50 / 7.80
	Cooling (c/d)	kW	5.56 / 4.37	5.96 / 4.87	6.25 / 5.35
Nominal input	Heating (a/b)	kW	0.85 / 1.26	1.24 / 1.69	1.63 / 2.23
	Cooling (c/d)	kW	0.94 / 1.14	1.06 / 1.33	1.16 / 1.51
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++
		Efficiency	176	176	179
		SCOP	4.48	4.47	4.56
	Space heating (Average climate) 55°C	Class	A++	A++	A++
		Efficiency	127	127	128
		SCOP	3.26	3.25	3.27
COP	Heating (a/b)		5.10 / 3.65	4.85 / 3.50	4.60 / 3.50
EER	Cooling (c/d)		5.94 / 3.84	5.61 / 3.67	5.40 / 3.54
Operation range	Heating	°C	-25~25	-25~25	-25~25
	Cooling	°C	10~43	10~43	10~43
	Hot water	°C	-25~35	-25~35	-25~35
Sound pressure / power level	Heating	dBA	44 / 58	47 / 60	49 / 62
	Cooling	dBA	48 / 61	49 / 62	50 / 62
Refrigerant charge	R-32	kg	1.5	1.5	1.5
Piping connections	Liquid	inch	1/4 ″	1/4 ″	1/4 ″
	Gas	inch	5/8 ″	5/8 ″	5/8 ″
Maximum piping length OU to IU		m	30	30	30
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses		A	16	16	16
SAP ID (Heating only combination)		55°C/45°C/35°C	105087 / 105088 / 105089	105103 / 105104 / 105105	105135 / 105136 / 105137
SAP ID (Reversible combination)		55°C/45°C/35°C	105095 / 105096 / 105097	105111 / 105112 / 105113	105143 / 105144 / 105145
SAP ID (Integrated combination 180L)		55°C/45°C/35°C	105167 / 105168 / 105169	105183 / 105184 / 105185	105199 / 105200 / 150201
SAP ID (Integrated combination 230L)		55°C/45°C/35°C	105175 / 105176 / 105177	105191 / 105192 / 105193	105207 / 105208 / 105209

Nominal capacity and nominal input tested according to EN 14511
Heating (a): Ambient air temperature 7°CDB and leaving water temperature 35°C (A7/W35). Heating (b): Ambient air temperature 7°CDB and leaving water temperature 45°C (A7/W45)
Cooling (c): Ambient air temperature 35°C and leaving water temperature 18°C (A35/W18). Cooling (d): Ambient air temperature 35°C and leaving water temperature 7°C (A35/W7)
Sound pressure / power measured according to EN 12102 under conditions of EN 14825

R-32

Heating and Cooling EHBH(X)-E

Low Temperature R-Split Heat Pump (Wall hung)



Indoor Unit (wall hung)			Single Phase			
			EHBH04E6V	EHBH08E6V	EHBX04E6V	EHBX08E6V
Trade Unit Price			**£2,182.00**	**£2,224.00**	**£2,182.00**	**£2,224.00**
Compatible outdoor unit			**ERGA04EVA**	**ERGA06-08EVA**	**ERGA04EVA**	**ERGA06-08EVA**
User interface (Must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
Function			Heating Only	Heating Only	Reversible	Reversible
Casing	Colour		White	White	White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Weight		kg	38	38	38	38
Leaving water temperature range	Heating	°C	18 ~ 65	18 ~ 65	18 ~ 65	18 ~ 65
	Cooling	°C	-		5 ~ 22	5 ~ 22
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10
Minimum water volume		litres	10	10	10	10
Minimum flow rate		l/min	12	12	12	12
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)
Back-up heater nominal running current	4kW 1ph 230V	A	17.4	17.4	17.4	17.4
	6kW 1ph 230V	A	26.1	26.1	26.1	26.1

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White	**£116.00**
BRC1HHDS7	Madoka Heating - Silver	**£116.00**
BRC1HHDK7	Madoka Heating - Black	**£116.00**
EKPCCAB4	PC cable – to upload field settings from PC to unit	**£300.00**
EKRSC1	Optional remote temperature sensor for outdoor unit*	**£99.00**
KRCS01-1	Optional remote temperature sensor for indoor unit*	**£74.00**
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication, solar interlock for heat pump and bivalent operation	**£172.00**
EKFT008D	U-beams to mount the ERGA04-08 outdoor units	**£134.00**
EKDP008D	Drainpan and U-beams for ERGA04-08 outdoor units	**£191.00**
EKDPH008C	Outdoor unit drain pan heater for ERGA04-08	**£293.00**
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	**£75.00**
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	**£111.00**
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	**£450.00**
K.DT1	Condensate drip tray (800 x 400 x 50mm)	**£85.00**
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	**£62.00**
K.CGM	Outdoor unit cage guard for ERGA04-08	**£490.00**
BRP069A78	Daikin ONECTA App – Wi-fi module [SD Card]	**£37.00**
BRP069A71	Daikin ONECTA App (See note)	**£41.00**
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	**£293.00**
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	**£238.00**
EKUHWG3D	G3 Kit (must be ordered separately)	**£215.00**
EKCC9-W	Sequence Controller	**£1,056.00**
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	**£336.00**
DCOM-LT/MB	Daikin Altherma Modbus Gateway	**£329.00**

Notes:

i) *Only one optional remote sensor can be installed. Sensor connects to indoor unit

ii) For compatible cylinders, see page 259

iii) SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the indoor unit

R-32

Heating EHVH-SU-E

Low Temperature R-Split Heat Pump (Integrated)



Indoor Units (floor standing)						
			EHVH04SU18E6V	EHVH04SU23E6V	EHVH08SU18E6V	EHVH08SU23E6V
Trade Unit Price			**£3,989.00**	**£4,228.00**	**£3,989.00**	**£4,228.00**
Compatible outdoor unit			**ERGA04EVA**	**ERGA04EVA**	**ERGA06/08EVA**	**ERGA06/08EVA**
User interface (must be ordered separately)			**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**	**BRC1HHD(W7/S7/K7)**
G3 Kit (must be ordered separately)			**EKUHWG3D**	**EKUHWG3D**	**EKUHWG3D**	**EKUHWG3D**
Function			Heating only	Heating only	Heating only	Heating only
Casing	Colour		White	White	White	White
	Material		Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal	Resin + Sheet Metal
Dimensions	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit / Packed Unit	kg	119 / 135	128 / 144	119 / 135	128 / 144
Operating range	Heating	Min-Max.	18°C - 65°C	18°C - 65°C	18°C - 65°C	18°C - 65°C
	DHW	Max.	60°C [1]	60°C [1]	60°C [1]	60°C [1]
Sound power level	Nom.	dBA	42	42	42	42
Sound pressure level	Nom.	dBA	28	28	28	28
Tank	Water Volume	Litres	180	230	180	230
	Maximum water pressure	bar	10	10	10	10
	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Load profile EN16147		L	XL	L	XL
	Standing heat loss	W	56	73	56	73
	Energy efficiency rating		A+	A+	A+	A+
	Standing heat loss @ 45K dT	kWh/24h	1.4	1.8	1.4	1.8
Hydraulic characteristics	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)	G 3/4" (female)	G 3/4" (female)
	Water connections Space heating	inch	G 1" (female)	G 1" (female)	G 1" (female)	G 1" (female)
Minimum water volume		litres	20	20	20	20
Minimum flow rate		l/min	12	12	12	12
Backup heater power supply [2]	Phase		1~ / 3~	1~ / 3~	1~ / 3~	1~ / 3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	230	230	230
	Maximum capacity	kW	6 (2 step) [3]	6 (2 step) [3]	6 (2 step) [3]	6 (2 step) [3]
	Maximum running current	A	26	26	26	26
	Recommended fuse rating	A	20 [4]	20 [4]	20 [4]	20 [4]

[1] Tank temperature up to 70°C possible with booster heater only operation (if available in the system)
[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[3] Backup heater steps electronically setup on the indoor unit interface
[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

Daikin Altherma Low Sound Cover



EKLN08A1

Low Sound Cover for Altherma 3 R-Split (Class 4, 6 and 8 only)

Daikin launched a new Low Sound Cover for its Daikin Altherma ranges, providing enhanced noise reduction for home heating in urban areas. Unobtrusive and easy to fit, the new Low Sound Cover is capable of reducing noise levels by up to 3dBA, without affecting performance (which represents a reduction by half in audible sound level).

Versatile good looks

Designed to be discreet, the new Daikin Altherma Low Sound Cover presents a clean and modern look. The cover can be combined with a range of Daikin Altherma outdoor units, and the latest Daikin Altherma 3 R Split series (ERGA4/6/8E).

Simple installation

The Low Sound Cover is supplied flat packed, with simple instructions enabling easy assembly on-site. The Low Sound Cover is the latest in a series of Daikin innovations, all designed to enhance our high performance, low energy solutions by offering reduced visibility and flexible configurations for use in urban areas.





Technical Specification			EKLN08A1
Trade Unit Price			**£1,499.00**
Dimensions	Height	mm	970
	Width	mm	1190
	Depth	mm	714
Weight	Unit	kg	84.5

Compatibility	
Material	**Description**
ERGA4/6/8E	Altherma 3 R Split



R-32

Single Phase ERLA-DV3
Three Phase ERLA-DW1

Low Temperature R-Split Heat Pump (11-16 Class)



Outdoor Units			Single Phase			Three Phase		
			ERLA11DV3	ERLA14DV3	ERLA16DV37	ERLA11DW1	ERLA14DW1	ERLA16DW17
Description			**Class 11**	**Class 14**	**Class 16**	**Class 11**	**Class 14**	**Class 16**
Trade Unit Price			**£3,971.00**	**£4,574.00**	**£5,001.00**	**£4,356.00**	**£5,023.00**	**£5,490.00**
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	101	101	101	101	101	101
Nominal capacity	Heating (a/b)	kW	10.60 / 9.82	12.00 / 12.50	16.00 / 16.00	10.60 / 9.82	12.00 / 12.50	16.00 / 16.00
	Cooling (a/b)	kW	11.20 / 12.00	13.10 / 13.30	13.80 / 15.90	11.20 / 12.00	13.10 / 13.30	13.80 / 15.90
Nominal input	Heating (a/b)	kW	2.18/2.68	2.46/3.42	3.53/4.56	2.18/2.68	2.46/3.42	3.53/4.56
	Cooling (a/b)	kW	3.43/2.52	4.32/2.86	4.68/3.82	3.43/2.52	4.32/2.86	4.68/3.82
COP	Heating (a/b)		4.83/3.66	4.87/3.64	4.53/3.51	4.83/3.66	4.87/3.64	4.53/3.51
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	182	181	181	182	181	181
		SCOP	4.63	4.60	4.61	4.63	4.60	4.61
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	126	126	130	126	126	130
		SCOP	3.23	3.22	3.32	3.23	3.22	3.32
EER	Cooling		4.75	4.66	4.16	4.75	4.66	4.16
Operation range	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	Cooling	°C	10~43	10~43	10~43	10~43	10~43	10~43
	Hot water	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
Sound pressure / power level	Heating	dBA	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62
	Cooling	dBA	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62
Refrigerant charge	R-32	kg	3.8	3.8	3.8	3.8	3.8	3.8
Piping connections	Liquid	inches (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inches (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Max piping length OU to IU		m	50	50	50	50	50	50
Min pipe length OU to IU		m	3	3	3	3	3	3
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses		A	32	32	32	16	16	16
SAP ID (Heating only combination)		58°C / 55°C / 45°C / 35°C	106010 / 106007 / 106008 / 106009	106154 / 106151 / 106152 / 106153	TBC	TBC	TBC	TBC
SAP ID (Integrated combination)		58°C / 55°C / 45°C / 35°C	106170 / 106167 / 106168 / 106169	106178 / 106175 / 106176 / 106177	TBC	TBC	TBC	TBC
SAP ID (Reversible combination)		58°C / 55°C / 45°C / 35°C	106194 / 106191 / 106192 / 106193	106202 / 106199 / 106200 / 106201	TBC	TBC	TBC	TBC

* When combined with matching indoor unit

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:
Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35) Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)
Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)
Sound pressure level measured at 1m from the unit

Features:

- This split system consists of an outdoor unit and an indoor hydrobox wall mounted as integrated floor standing that can be connected to all standard low temperature radiators and underfloor heating systems
- All models have extra features to withstand severe winter conditions

Notes:

i) Some units are available on special request with Blygold treatment to offer additional protection in coastal environments. Please contact your local sales office for further information

R-32

Heating Only EBBH

Heating and Cooling EBBX

Low Temperature R-Split Hydrobox (Wall hung)



Indoor Unit (wall hung)			Single Phase		Single Phase / Three Phase*		Single Phase		Single Phase / Three Phase*	
			EBBH11D6V	EBBH16D6V	EBBH11D9W	EBBH16D9W	EBBX11D6V	EBBX16D6V	EBBX11D9W	EBBX16D9W
Trade Unit Price			£2,812.00	£2,812.00	£3,013.00	£3,013.00	£2,812.00	£2,812.00	£3,013.00	£3,013.00
User interface (must be ordered separately)			BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)
Compatible outdoor unit			ERLA11DV3	ERLA14-16DV3	ERLA11DV3/W1	ERLA14-16DV3/W1	ERLA11DV3	ERLA14-16DV3	ERLA11DV3/W1	ERLA14-16DV3/W1
Function			Heating Only	Heating Only	Heating Only	Heating Only	Reversible	Reversible	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390	840 x 440 x 390
Leaving water temperature range	Heating	°C	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60	15 ~ 60
	Cooling	°C	-	-	-	-	5 ~ 22	5 ~ 22	5 ~ 22	5 ~ 22
Pump	No. of speeds		Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Expansion vessel volume		litres	10	10	10	10	10	10	10	10
Minimum water volume		litres	20	20	20	20	20	20	20	20
Minimum flow rate		l/min	22	22	22	22	22	22	22	22
Water connections		inch	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)
Back-up heater power supply [2]	Phase		1~	1~	3~	3~	1~	1~	3~	3~
	Frequency	Hz	50	50	50	50	50	50	50	50
	Voltage	V	230	230	400	400	230	230	400	400
	Maximum capacity [3]	kW	6 (2 step)	6 (2 step)	9 (2 step)	9 (2 step)	6 (2 step)	6 (2 step)	9 (2 step)	9 (2 step)
	Maximum running current	A	26	26	13	13	26	26	13	13
	Recommended fuse rating [4]	A	20	20	20	20	20	20	20	20

[1] Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system)
[2] Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit
[3] Backup heater steps electronically setup on the indoor unit interface
[4] 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

Features:

- Available in heating only or heating/cooling versions
- A choice of back-up heaters 3, 6 or 9 kW
- Heating / cooling hydroboxes must be ordered with drain pan kit

Notes:

i) * Only one optional remote sensor can be installed. Sensor connects to indoor unit

ii) ** Recommended to achieve minimum outdoor unit ground clearance of 150 mm

iii) SD Card BRP069A78 must be purchased for the WLAN/Cloud connectivity. BRP069A71 has the same functionality but will only be required in case of bad connectivity in location of the indoor unit

iv) Please note that due to the regulations around the use of R-32, where the refrigerant charge in the system is ≥ 1.84 kg, you need to ensure that the requirements on the minimum floor area are met for the indoor unit's installation. Please contact your local pre sales technical team who will calculate this by using a tool. Please note that the there are no requirements for the minimum floor area, if a chimney is installed on the indoor unit and directed outside the building

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White	£116.00
BRC1HHDS7	Madoka Heating - Silver	£116.00
BRC1HHDK7	Madoka Heating - Black	£116.00
EKRELSG	Smart grid relay kit (high voltage)	£102.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£300.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£99.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£74.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£172.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£172.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£88.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 kg, 780 mm long arm, 2 arms, black)	£153.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 kg, 780 mm long arm, 2 arms, ivory white)	£187.00
UK.DT4	Condensate drip tray (1420 x 500 x 50 mm)	£133.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£62.00
EKUMBPART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£293.00

Accessory Ref	Description	Trade Price
EKHY3PART	3rd party tank connection kit - Dry pocket sensor (see page 259 for more details)	£238.00
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£37.00
BRP069A71	Daikin ONECTA App (See note)	£41.00
K.FERNOXTF1	Fernox magnetic filter 1"	£152.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£179.00
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£179.00
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£322.00
EKCC9-W	Sequence Controller	£1,056.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£336.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£329.00

R-32

Single Phase EBVH-D6V

Low Temperature R-Split Hydrobox (Integrated)



Indoor Units			Single Phase Only
			EBVH16SU23D6V
Trade Unit Price			**£5,047.00**
User interface (must be ordered separately)			**BRC1HHD(W7/S7/K7)**
G3 Kit (must be ordered separately)			**EKUHWG3D**
Compatible outdoor unit			**ERLA11-16DV3/W1**
Function			Heating only
Casing	Colour		White
	Material		Pre-coated sheet metal
Dimensions	Height x Width x Depth	mm	1855 x 634 x 595
Weight		kg	133
Sound power level	Nom.	dBA	44
Sound pressure level	Nom.	dBA	30
Operating range	Space heating	°C	15°C-60°C
	DHW	°C	25°C-60°C
Domestic hot water	Material		Stainless steel (EN 1.4521)
	Water volume	litres	230
	Tapping profile according to EN16147		L
	ERP heat losses	W	73
	ERP efficiency rating		C
	Standing losses @ 60°C	kWh/24h	1.8
	Max operating pressure	Bar	10
	Immersion heater	kW	–
Hydraulic characteristics	Available back up heater	kW	6
	Water connections DHW	inch	G 3/4" (female)
	Water connections space heating	inch	G 1" (female)
Minimum water volume		litres	20
Minimum flow rate		l/min	22
Power supply		V	1-phase / 230V / 50Hz
Back-up heater fuse rating	3kW/6kW 1ph 230V	A	20

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White	**£116.00**
BRC1HHDS7	Madoka Heating - Silver	**£116.00**
BRC1HHDK7	Madoka Heating - Black	**£116.00**
EKRELSG	Smart grid relay kit (high voltage)	**£102.00**
EKPCCAB4	PC cable – to upload field settings from PC to unit	**£300.00**
EKRSC1	Optional remote temperature sensor for outdoor unit*	**£99.00**
KRCS01-1	Optional remote temperature sensor for indoor unit*	**£74.00**
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	**£172.00**
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	**£172.00**
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	**£88.00**
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	**£153.00**
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	**£187.00**
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	**£133.00**
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	**£62.00**
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	**£37.00**

Accessory Ref	Description	Trade Price
BRP069A71	Daikin ONECTA App (See note)	**£41.00**
K.FERNOXTF1	Fernox magnetic filter 1"	**£152.00**
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	**£179.00**
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£179.00**
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£322.00**
EKCC9-W	Sequence Controller	**£1,056.00**
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	**£336.00**
DCOM-LT/MB	Daikin Altherma Modbus Gateway	**£329.00**
EKUHWG3D	G3 Kit (must be ordered separately)	**£215.00**

Notes:

i) * Only one optional remote sensor can be installed. Sensor connects to indoor unit

ii) ** Recommended to achieve minimum outdoor unit ground clearance of 150mm

iii) SD Card BRP069A78 must be purchased for the WLAN/Cloud connectivity. BRP069A71 has the same functionality but will only be required in case of bad connectivity in location of the indoor unit

iv) Please note that due to the regulations around the use of R-32, where the refrigerant charge in the system is ≥ 1.84 kg, you need to ensure that the requirements on the minimum floor area are met for the indoor unit's installation. Please contact your local pre sales technical team who will calculate this by using a tool. Please note that the there are no requirements for the minimum floor area, if a chimney is installed on the indoor unit and directed outside the building

NEW EKHHEU-(P)CV37

Daikin Altherma Domestic Hot Water Heat Pump



The system is made of a single indoor unit that extracts energy from the air to provide domestic hot water. The unit collects up to 60% of its energy from the air, while the rest is provided by electricity.

Daikin Altherma Domestic Hot Water Heat Pump is an air-to-water heat pump for the production of domestic hot water. The tank and the condenser are thermally insulated to guarantee safety and hygiene.

The Domestic Hot Water Heat Pump is ideal for houses up to 4-5 bedrooms depending on occupancy.

- Maximum temperature of 62°C from renewable energy with heat pump alone or through a heating element (up to 75°C)
- Remarkably quiet: 51dB(A) indoor, and 44dB(A) outdoor
- Programmable digital interface with touch keys
- Small installation footprint of 621 mm diameter
- Integrated back-up heater of 1.5kW
- Integrated solar thermal control (EKHHEU-PCV37)
- Available in 200ltr and 260ltr tank versions
- Compact modern design
- Anti-legionella cycle
- Scheduled operation

Indoor Unit					EKHHEU200CV37	EKHHEU260CV37	EKHHEU200PCV37	EKHHEU260PCV37
Description					**200 ltr**	**260 ltr**	**200 ltr with solar**	**260 with solar**
Trade Unit Price					**£2,036.00**	**£2,178.00**	**£2,247.00**	**£2,387.00**
Heat up time	Max.	hh:mm			06:27*	09:29*	06:27*	09:29*
COP					3.23	3.37	3.23	3.37
Domestic hot water	Output	Nom		kW	1.34	1.25	1.34	1.25
Equivalent hot water*	Max.			l	247	340	241	335
Dimensions	Unit	Height		mm	1607	1892	1607	1892
		Diameter		mm	Top 621; Bottom 628	Top 621; Bottom 628	Top 621; Bottom 628	Top 621; Bottom 628
Weight	Unit	Empty		kg	85	97	96	106
		Full Weight		kg	277	347	283	353
Installation Place					Indoor	Indoor	Indoor	Indoor
IP Class					IP24	IP24	IP24	IP24
Refrigerant	Type				R-134a	R-134a	R-134a	R-134a
	GWP				1430	1430	1430	1430
	Charge			TCO_2Eq	1.43	1.43	1.43	1.43
	Charge			kg	1	1	1	1
Heat pump	Casing	Colour			White	White	White	White
	Defrost method				Hot gas	Hot gas	Hot gas	Hot gas
	Automatic defrost start			°C	-5	-5	-5	-5
	System pressure	Max		bar	7	7	7	7
	Operating range	Ambient	Min	°CDB	-7	-7	-7	-7
			Max	°CDB	43	43	43	43
	Power Supply	Phase			1	1	1	1
		Frequency		Hz	50	50	50	50
		Voltage		V	230	230	230	230
		Maximum running current		A	8.5	8.5	8.5	8.5
Tank	Integrated heating element power	Nominal		kW	1.5	1.5	1.5	1.5
	Casing	Material			Enamelled Steel	Enamelled Steel	Enamelled Steel	Enamelled Steel
	Installation	Solar thermal / Bivalent connection			-	-	Yes	Yes
	Standing heat loss			W	63	71	63	71
	Power Supply	Phase			1	1	1	1
		Frequency		Hz	50	50	50	50
		Voltage		V	230	230	230	230
Domestic hot water heating	General	Declared load profile			L	XL	L	XL
		Water heating energy efficiency class**			A+	A+	A+	A+
		Thermostat temperature setting		°C	55	55	55	55
	Average Climate	AEC (Annual electricity consumption)*		kWh	761	1210	761	1210
		Water heating energy efficiency - ηwh*		%	135	138	135	138
Sound power level	Domestic hot water heating			dB(A)	53	51	53	51

* Maximum volume of mixed water at 40°C when heated to 55°C set point

** Data according to EN 16147:2017 standard for AVERAGE climate (unit in ECO mode, Hot water setpoint = 55°C; Inlet water = 10°C; Inlet air temp = 7°C DB / 6°C WB)

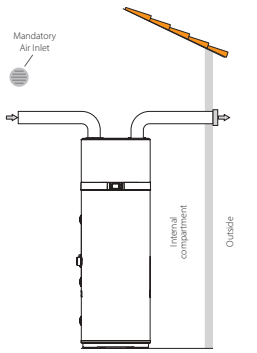


Fig. 1 - Example of air discharge connection

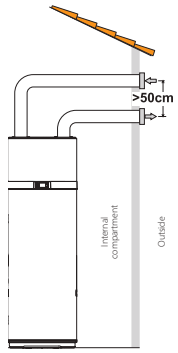


Fig. 2 - Example of air discharge connection

Accessories:

Accessory Ref	Description	Trade Price
EKUHWG3D24	G3 Kit	**£246.00**
EKPHK02	Probe holder kit for solar thermal sensor	**£118.00**
EKFIL260	Filter kit	**£75.00**

Daikin Buffer Vessels

Our Daikin buffer vessels can be used for installations with all Daikin Altherma air source heat pumps. These buffer vessels can be used as a volumiser to provide the minimum water volume required in the primary circuit for the correct operation of the system as well as the defrost cycle. Available in 10L and 20L options for both the large and small sized air source heat pumps, including our monobloc system when used with the backup heater.

Key features:

- High quality duplex stainless steel material
- Highly insulated with injection polyurethane insulation
- BSI audited ISO9001 Certified Quality Management
- Primary Pipe Work connections 28mm Compression
- Can be located both horizontally and vertically



Buffer Vessel		UK.INBUFFER/10L	UK.INBUFFER/20L
Description		**10L Inline Buffer Vessel**	**20L Inline Buffer Vessel**
Trade Unit Price		**£290.00**	**£318.00**
Nominal Capacity	litres	10	20
Shipping Dimensions H x W x D	mm	700 x 300 x 300	700 x 300 x 300
Cylinder Dimensions H x W x D	mm	396 x 270 x 270	696 x 270 x 270
Weight Empty	kg	7	10
Weight Full	kg	17	30
Weight Packaged	kg	8	11
Vessel Material		Duplex Stainless Steel	
Connection Size/Type		28mm Compression	
Insulation Type		Polyurethane (PU) Insulation with CO2 Blowing Agent	
Insulation Thickness	mm	35	
Maximum working pressure	bar	6	
Maximum Flow Rate	litres/min	60	
Standing Heat Loss	W	18	22
ERP Rating		A	A
			



Hot Water Cylinders and Thermal Stores

Energy-efficient hot water storage

Our high performance cylinders and thermal stores are designed to meet the demand for the domestic hot water across a range of applications. With low heat losses and large coil areas, Daikin hot water cylinders are manufactured in consideration of all the requirements which come with our modern lifestyles.

With so many different designs and shapes to choose from, our customers can have a peace of mind by knowing that they can select a cylinder which will meet all the specifications for their project.

All our cylinders are WRAS approved, with most of them having ErP ratings of B. When choosing our cylinders, you can rest assured that these products provide high efficiency with minimum heat loss and therefore help to protect the environment.

All our indirectly heated unvented cylinders as well as thermal stores come with a promise to deliver a high quality and reliable performance.

Hot Water Cylinder EKHWSU-D	**Pre-Plumbed R-32 Cylinder UK.PPC/R32SS**	**Therma Store EKHWP-PB**
Compatible with • E(D/B)LA04-08E • E(D/B)LA11-16D • EHBH/X04-08E • EBBH/X11-16D • EABH/X-D • ETB(H/X)-E • EHY2KOMB28/35A(add EKTH3) • EPBXU07-14A	Compatible with • EB/DLA04-08E • EB/DLA09-16	Compatible with • EB/DLA04-08E • E(D/B)LA11-16D • EHBH/X04-08E • EBBH/X11-16D • EABH/X-D • ETB(H/X)-E • EKHBRD-AD • EPBXU07-14A
		

Note: According to G3 building regulations, all cylinders [except the thermal store] must be used with the G3 kit

R-32

UK.PPC/R32

Pre-Plumbed R-32 Cylinder



Features:

- Plug & play installation, all key hydraulics included to ensure a fast and easy installation. The perfect partner to the Daikin Altherma Monobloc, heating only models
- Includes terminals for site wiring and local power supply for the immersion heater.
- Not compatible with UK.MONOR32/WC monobloc wiring centre
- With on board pump and integrated buffer vessel, these pre plumbed cylinders can be used as a hydraulic separation between the primary and secondary circuits.
- Optimise floor space, our slimline model has a small footprint, making it ideal for smaller properties
- Pre-fitted with buffer vessel / hydraulic separator, G3 kit (expansion vessel supplied loose), wiring box, diverter valve, on board pump, magnetic filter, automatic air vents and immersion heater.

Domestic hot water cylinder			**UK.PPC150/R32SS**	**UK.PPC180/R32SS**	**UK.PPC210/R32SS**	**UK.PPC250/R32SS**	**UK.PPC300/R32SS**
Description			**150l pre-plumbed cylinder**	**180l pre-plumbed cylinder**	**210l pre-plumbed cylinder**	**250l pre-plumbed cylinder**	**300l pre-plumbed cylinder**
Trade Unit Price			**£2,701.00**	**£2,832.00**	**£2,850.00**	**£2,886.00**	**£3,401.00**
Suitable for			Daikin Altherma R32 Monobloc Heating Only				
Energy efficiency class			B	B	C	C	C
Standing heat loss (ErP)		W	54	58	63	88	96
Standing heat loss		kWh/24h	1.29	1.39	1.50	2.10	2.29
Storage volume		litres	148	179	209	248	301
Buffer vessel volume		litres	50	50	50	50	50
Max water temperature		°C	90	90	90	90	90
Pump	Quantity		1	1	1	1	1
	Nr of Speeds		PWM	PWM	PWM	PWM	PWM
	Nominal ESP	kPa	80	80	80	80	80
	Power Input	W	52	52	52	52	52
Immersion heater capacity		kW	3	3	3	3	3
Immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Immersion heater recommended fuses		A	16	16	16	16	16
Height		mm	1420	1545	1735	2020	2020
Diameter		mm	550	550	550	550	600
Empty weight		kg	48	58	61	73	88
Material inside cylinder			Stainless steel 2304				
Piping connections (diameter)	Water inlet H/E	mm	28	28	28	28	28
	Water outlet H/E	mm	28	28	28	28	28
	Cold water in	mm	22	22	22	22	22
	Hot water out	mm	22	22	22	22	22
	Space heating flow	mm	28	28	28	28	28
	Space heating return	mm	28	28	28	28	28

Domestic hot water cylinder			**UK.PPC150SL/R32SS**	**UK.PPC180SL/R32SS**
Description			**150l slimline pre-plumbed cylinder**	**180l slimline pre-plumbed cylinder**
Trade Unit Price			**£2,806.00**	**£3,010.00**
Suitable for			Daikin Altherma R32 Monobloc Heating Only	
Energy efficiency class			B	B
Standing heat loss (ErP)		W	52	58
Standing heat loss		kWh/24h	1.23	1.39
Storage volume		litres	152	178
Buffer vessel volume		litres	25	25
Max water temperature		°C	90	90
Pump	Quantity		1	1
	Nr of Speeds		PWM	PWM
	Nominal ESP	kPa	80	80
	Power Input	W	52	52
Immersion heater capacity		kW	3	3
Immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Immersion heater recommended fuses		A	16	16
Height		mm	1869	1990
Diameter		mm	475	475
Empty weight		kg	61	69
Material inside cylinder			Stainless steel 2304	Stainless steel 2304
Piping connections (diameter)	Water inlet H/E	mm	28	28
	Water outlet H/E	mm	28	28
	Cold water in	mm	22	22
	Hot water out	mm	22	22
	Space heating flow	mm	28	28
	Space heating return	mm	28	28

Accessories:

Accessory Ref	**Description**	**Trade Price**
UK.TESE10M	Altherma 3 PPC DHW sensor for dry pocket, 10m length, including template for easy installation [1]	**£33.00**
UK.TESE25M	Altherma 3 PPC DHW sensor for dry pocket, 25m length, including template for easy installation [1]	**£56.00**

[1] DHW temperature sensor kits allow sensor to be installed separately during first fix, with template included to aid pipework positioning

R-32 R-290

EKHWSU-D

Hot Water Cylinder



Domestic hot water cylinder			SB.EKHWSU150/EKEXP	SB.EKHWSU180/EKEXP	SB.EKHWSU200/EKEXP	SB.EKHWSU250/EKEXP	SB.EKHWSU300/EKEXP
Description			**150L unvented cylinder (Including EKEXPVES)**	**180L unvented cylinder (Including EKEXPVES)**	**200L unvented cylinder (Including EKEXPVES)**	**250L unvented cylinder (Including EKEXPVES)**	**300L unvented cylinder (Including EKEXPVES)**
Trade Unit Price			**£1,583.00**	**£1,652.00**	**£1,668.00**	**£1,751.00**	**£1,832.00**
Suitable for			R-32 Split and Monobloc systems				
Energy efficiency class			B	B	B	B	B
Standing heat loss (ErP)		W	45	50	55	60	68
Storage volume		litres	145	174	192	242	292
Standing heat loss		kWh/24h	1.1	1.2	1.3	1.4	1.6
Max water temperature		°C	75	75	75	75	75
Booster heater capacity		kW	3	3	3	3	3
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses		A	20	20	20	20	20
Height		mm	1015	1175	1283	1553	1763
Diameter		mm	595	595	595	595	595
Empty weight		kg	45	50	53	58	63
Material inside cylinder			Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
Piping connections (diameter)	Water inlet H/E	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)
	Water outlet H/E	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)
	Cold water in	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)
	Hot water out	inch	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)	3/4 " (female)

Features:

- This stainless steel unvented cylinder is the ideal partner for Daikin Altherma 3 R32 and Daikin Altherma 4 R290 heat pump systems
- Fitted with a 3kW immersion heater as standard
- Quick and easy installation with semi pre-plumbed G3 safety kit included
- Supplied with 3-way valve

R-32 R-290

EKHWP-PB

Thermal Store



Thermal Store			EKHWP300PB	EKHWP500PB
Description			**Thermal Store 300 litre (compatible with pressurised solar)**	**Thermal Store 500 litre (compatible with pressurised solar)**
Trade Unit Price			**£1,768.00**	**£2,196.00**
Dimensions	Height x Width x Depth	mm	1650 x 595 x 615	1660 x 790 x 790
Weight		kg	58	89
Energy efficiency class			B	B
Standing heat loss (ErP)			64	72
Water volume		litres	294	477
Max. water temperature		°C	85	85
Insulation [1]		kWh/24h	1.5	1.7
Heat Exchanger (Heat Source)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m^2	2.7	3.8
	Internal coil volume	litres	13.2	19
Heat Exchanger (Domestic hot water)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m^2	5.6	5.8
	Internal coil volume	litres	27.1	29.0
Heat Exchanger (Pressurised Solar)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m^2	0.8	1.7
	Internal coil volume	litres	4.2	12.5
Thermal Performance	Hot water volume without reheating at draw-off rate 12l/m	litres	153 [2]	282 [2]
			252 [3]	240 [3]
			321 [4]	444 [4]
	Hot water volume without reheating at draw-off rate 8l/m	litres	284 [2]	324 [2]
			283 [3]	288 [3]
			352 [4]	492 [4]
Piping connections (diameter)	Heat source in/out	inch	G 1" (female) / 1" (male)	G 1" (female) / 1" (male)
	Potable water in/out	inch	G 1" (female) / 1" (male)	G 1" (female) / 1" (male)
	Pressurised solar in/out	inch	G 3/4" (female) / 1" (male)	G 3/4" (female) / 1" (male)

[1] Heat loss according to EN12897 and EN 15332
[2] Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 50°C
[3] Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 60°C
[4] Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 65°C

Accessories:

Accessory Ref	Description	Trade Price
165215	Fill and drain connection - Recommended to be ordered with every thermal store	**£36.00**
165070	Gravity break set - Avoids thermal heat loss from thermal store due to thermo-siphon effect.	**£9.00**
164102-RTX	Solar flow setter - Flow regulating valve with flow indicator (2-16 l/min), for balancing solar flow in cascade installations	**£84.00**
165113	Secondary circulation kit - connection for secondary hot water connections	**£128.00**
EKBH3SD	3kW immersion heater for thermal store	**£313.00**
EKEPHYHT35H	300l thermal store connection kit (R-32 Hybrid)	**£210.00**
EKEPRHLT3HX	300l Thermal store connection kit - Heating only & Reversible (R-32 H HT, H-Split, R-Split and Monobloc)	**£178.00**
EKEPRHLT5H	500l Thermal store connection kit - Heating only (R-32 H HT, H-Split, R-Split and Monobloc)	**£232.00**
EKEPRHLT5X	500l Thermal store connection kit - Reversible (R-32 H HT, H-Split, R-Split and Monobloc)	**£324.00**
EKEPHT3H	300L Thermal Store connection kit (R-410 Hybrid/HT R-Split)	**£289.00**
EKEPHT5H	500L Thermal Store connection kit (R-410 HT R-Split)	**£422.00**

Features:

- This hot water thermal storage tank provides instantaneous hot water and serves as a heat storage medium

Heat Pump UK Accessories Overview

Wall Brackets

Our condensing wall brackets provide a professional finish to the installation of our wall mounted outdoor condensing air source heat pumps. All our brackets are supplied with the crossbar and spirit level allowing the uprights to be spaced exactly as required, and to help level the unit on uneven walls. All components receive a powder coating, with a scratch-resistant, textured finish in ivory white or black. Available with two or three support arms, they can be used with a wide range of Daikin Altherma outdoor units.

Wall brackets	Description	No of Support Arms	Support Arm's Length	Safe Working Load (kg)	
K.CWB140-2	Wall bracket for outdoor unit – Ivory	2	540	140	
K.CWBLSS	Wall bracket for outdoor unit – Stainless Steel	2	540	140	
K.CWBXL	Wall bracket for outdoor unit – Ivory	2	660	250	
K.CWBXLSS	Wall bracket for outdoor unit – Stainless Steel	2	660	250	
UK.CWBXXL3A-B	Wall bracket for outdoor unit - Black	3	780	250	
UK.CBR2XXL-B	Wall bracket for outdoor unit – Black	2	780	250	

Condensate Drip Trays

These metal drip trays have a convex profile and a recessed surface flush, drain hose adaptor, minimising the amount of standing water left in the tray. Supplied with fixing arms for mounting different bracket sizes. For improved corrosion resistance, the drip trays are treated with zinc plated, ED coating, and powder coated to RAL7032.



Example Drip Tray: K.DT2

Wall bracket supplied separately

Condensate Trays	Description	Dimensions (mm)
K.DT1	Condensate drip tray size 1	800 x 400 x 50
K.DT2	Condensate drip tray size 2	1100 x 400 x 50
UK.DT3	Condensate drip tray size 3	1300 x 550 x 50
UK.DT5	Condensate drip tray size 5	1400 x 400 x 50
UK.DT4	Condensate drip tray size 4	1420 x 500 x 50

Flexi-Feet

Flexi-feet support for air source heat pumps, air conditioning outdoor units and a variety of outdoor equipment. Made from heavy-duty recycled rubber. The 21 x 41mm galvanised steel strut is supplied bonded with rubber. Drain slots are moulded to the underside of the foot.

Flexi-feet	Description	Height (mm)	No of Feet	
K.FF600S	Two flexi-feet (Standard) to mount the outdoor unit	100	2	
K.FF600ASN	Two flexi-feet, 100mm height, to mount the outdoor unit	100	2	
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	150	3	
UK.FF600H150	Two flexi-feet, height 150mm, to mount the outdoor unit	150	2	
K.FF800H150	Two flexi feet, height 150mm, 800mm length, to mount the outdoor unit	150	2	

Floor Brackets

When units are mounted at floor level, condensate discharge needs to be directed towards a drain or soakaway to avoid condensate causing a slip hazard. This floor bracket kit allows the metal tray to be mounted onto a flexi foot kit or flexi lite slab and foot kit. The air source heat pump can then be mounted onto the top of the bracket.

Floor Brackets	Description	No of Brackets
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	4
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	6





Protective Guards

These Pump House manufactured weather-resistant, steel mesh guards offer a safe solution to vandalism and accidental damage to your expensive air source heat pump. Ideal for most Daikin Altherma air source heat pumps. The CG750 condensing guard range has a split wall frame that allows for easy placement of the guard following installation of the condensing unit. You can work around pipework and electrical connections hassle-free. Note: 750 refers to the depth of the guard.



K.CGM

Protective Guards	Description
K.CGM	Outdoor unit guard for single fan outdoor units
K.CGFPM	Front/Back panel for use with K.CGM
K.CGBPML	Top/Bottom panel for use with K.CGM/L
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc



UK.CG-750S-INV

Flexi-Hoses

These flexible hoses are designed to meet the requirements of the MCS MIS 3005 installation specifications to allow the flow and return pipework to connect to a heat pump. The flexible hoses help avoid transmission of vibration in the pipework and allow for a smooth bend when connecting the flow and return pipe to the heat pump. The 28mm hose is sleeved within a stainless steel braid for added protection, available in female or male BSP (British Standard Pipe) thread at one end and 28mm compression fitting at the other. All flexible hoses come complete with external grade PVC coated 19mm thick insulation.

Flexi-hoses	Description	Length (mm)	No of Hoses
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	500	2
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	750	2
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	750	2
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	300	2





Through-Wall Insulation Sleeves

These through-wall insulation sleeves are ideal for running pipework from an externally mounted air source heat pump into a property. The hot pipework can be affected by cold bridging and heat loss if not insulated correctly. MIS 3005 requires external pipework and pipework running through external walls to be adequately insulated. The through-wall insulation kit provides both thermal insulation within the wall and comes complete with an elbow section to cover the external copper pipe connection.

Through-Wall Insulation	Description
K.SLEEVE	Through-Wall insulation suitable for 22 and 28mm pipe (19mm tough PVC coat insulation)



Heat Pump Accessories

Accessory Ref	Description	Trade Price
Wall brackets		
K.CWB140-2	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms)	**£73.00**
K.CWBLSS	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms) - Stainless Steel	**£223.00**
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	**£111.00**
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	**£450.00**
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	**£218.00**
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 kg, 780mm long arm, 2 arms, black)	**£153.00**
UK.CBR2XXL	Wall bracket for outdoor unit (250 kg, 780mm long arm, 2 arms, ivory white)	**£187.00**
Condensate trays		
K.DT1	Condensate drip tray (800 x 400 x 50mm)	**£85.00**
K.DT2	Condensate drip tray (1100 x 400 x 50mm)	**£94.00**
UK.DT3	Condensate drip tray (1300 x 550 x 50mm)	**£132.00**
UK.DT5	Condensate drip tray (1400 x 400 x 50mm)	**£109.00**
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	**£133.00**
Flexi-feet		
K.FF600S	Two of flexi-feet (Standard) to mount the outdoor unit	**£73.00**
K.FF600ASN	Two of flexi-feet, 100mm height, for mounting outdoor unit	**£75.00**
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	**£140.00**
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	**£62.00**
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	**£101.00**
UK.FF600H150	Two flexi-feet, height 150mm, to mount the outdoor unit	**£88.00**
K.FF800H150	Two flexi feet, height 150mm, 800mm length, to mount the outdoor unit	**£138.00**

Accessory Ref	Description	Trade Price
Flexi-hoses		
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£87.00**
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£110.00**
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£157.00**
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£120.00**
Protective guards		
K.CGM	Outdoor unit guard for single fan outdoor units	**£490.00**
K.CGFPM	Front/Back panel for use with K.CGM	**£148.00**
K.CGBPML	Top/Bottom panel for use with K.CGM/L	**£100.00**
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc	**£543.00**
Other		
K.SLEEVE	Through wall insulation suitable for 22 & 28mm pipe (19mm tough PVC coat insulation)	**£49.00**
EKUMBPART	Third party tank connection kit for dry pocket - 3 way valve, pocket sensor, MCB and contact wiring harness	**£293.00**
EKHY3PART	Third party tank connection kit for dry pocket - 3 way valve, pocket sensor and contact wiring harness	**£238.00**
EKHY3PART2	Third party tank connection kit for inbuilt tank stat - 3 way valve, contact wiring harness and relay	**£290.00**
Antifreeze Valves		
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	**£279.00**
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	**£126.00**

Difference between EKUMBPART, EKHY3PART and EKHY3PART2:

EKHY3PART

Third party tank kit with 3-way valve body + motor, dry pocket sensor and immersion contactor kit. Sensor is designed for the tank with the dry pocket. Designed for use with Daikin Altherma 3 and Daikin Altherma 4 systems.



EKHY3PART2

Same as EKHY3PART except for use with an inbuilt tank thermostat. Supplied with thermostat relay kit instead of dry pocket sensor. Designed for use with Daikin Altherma 3 and Daikin Altherma 4 systems.



EKUMBPART

Third party tank kit with 3-way valve body + motor, dry pocket sensor and immersion contactor kit including MCB. Sensor is designed for the tank with the dry pocket. Designed for use with Daikin Altherma 2 systems and can also be used with Daikin Altherma 3 systems.



Compatibility Table

	R-290 HS (4-7)	R-290 H (10-14)	R-32 Low Capacity Monobloc (4-6-8)	R-32 High Capacity Monobloc (9-16)	R-32 Low Capacity R Split (4-6-8)	R-32 High Capacity R Split (11-16)	R-32 H HT Low & High Capacity (8-18)	R-32 Hybrid Monobloc (single fan)
	EPSKS-AV3	EPSK-AV3/W1	ED(B)LA-EV3	ED(B)LA-D3V3/W1	ERGA-EVA	ERLA-DV3/W1	EPRA-DV3	EJHA04AV3
Wall brackets								
K.CWB140-2						✓		
K.CWBLSS						✓		
K.CWBXL			✓		✓			✓
K.CWBXLSS			✓		✓			✓
UK.CWBXXL3A-B				✓				
UK.CBR2XXL-B						✓	✓	
UK.CBR2XXL						✓	✓	
Condensate trays								
K.DT1					✓			✓
K.DT2						✓		
UK.DT3						✓		
UK.DT5			✓					
UK.DT4				✓			✓	
Flexi-feet								
K.FF600S					✓			✓
K.FF600ASN					✓			✓
UK.FF600S1503				✓				
K.DTFB			✓		✓	✓	✓	✓
UK.DTFB3				✓				
UK.FF600H150	✓		✓		✓	✓	✓	
UK.FF800H150		✓						
Flexi-hoses								
K.HOSE500			✓	✓			✓	✓
K.HOSE750			✓	✓			✓	✓
K.HOSE750EL			✓	✓			✓	✓
UK.HOSE300EL			✓	✓			✓	✓
Protective guards								
K.CGM					✓			
K.CGFPM					✓			
K.CGBPML					✓			
UK.CG-750S-INV			✓					
Third party cylinder connection kits								
EKUMBPART			✓	✓	✓	✓	✓	✓
EKHY3PART	✓	✓	✓	✓	✓	✓	✓	✓
EKHY3PART2	✓	✓	✓	✓	✓	✓	✓	
EKTH3								✓
Antifreeze Valves								
UK.AFVALVE2/JKT	✓	✓	✓	✓			✓	✓
AFVALVE1	✓	✓	✓	✓			✓	✓



Daikin Altherma 3 WS

Ambient loop heat pump solution

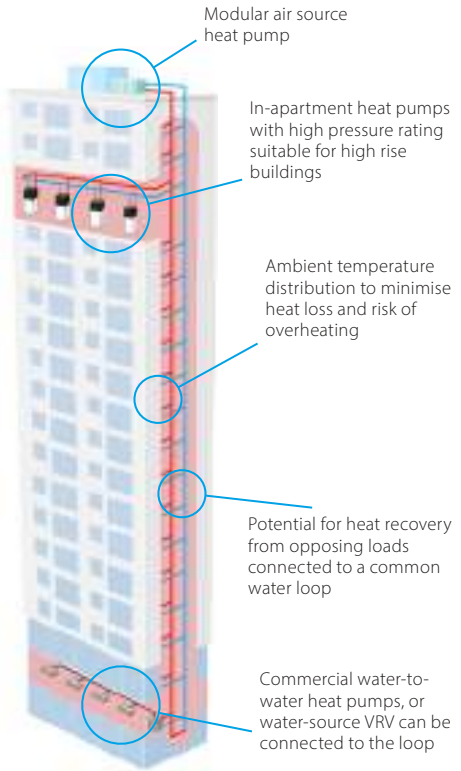
Daikin provides apartment buildings with sustainable and high energy performance heating equipment. Our combined Applied and Residential Heating products offer an integrated system that easily overcomes the practical concerns of both existing and new build apartment developments of all scales.

The Residential EWSA water-to-water heat pump is located within each apartment to efficiently and quietly heat, cool and provide domestic hot water. The EWSA units are connected to a water loop running around the building maintained at ambient temperature.

The system uses the Applied EWYT~B- and EWYT~CZ as a central air-source heat pump to maintain the temperature of the ambient loop. This means the Daikin Altherma WS can ensure heating/cooling comfort, sanitary hot water and individual temperature control to the individual dwellings.

This system can also be completed with a wide and flexible range of Daikin emitters, underfloor heating, heat pump convectors or radiators (non Daikin), which allows free choice of the most appropriate solution for the project.

As the system distributes energy around the building at near ambient temperatures, heat losses commonly associated with communal heating systems are all but eradicated. Not only does this save energy but also greatly reduces the risk of overheating.



Learn more here:

Key system advantages:

- Utilises renewable (or recovered) energy
- Low carbon heat pump solution delivers significant CO_2 reductions over traditional systems
- Low carbon solution helps reduce carbon off set payments
- Energy centre not required, saving valuable space
- Heating, hot water and cooling via a 2 pipe network offers capital savings over a traditional 4 pipe solution
- Intuitive user controls and internet connectivity as standard
- In-apartment heat pump has integrated back up heater, so heating and hot water is maintained in any eventuality

R-32

EWSAH/X-D9W

Daikin Altherma 3 WS



Indoor Unit (floor standing)			EWSAH06UD9W	EWSAX06UD9W
			Performance at 25°C inlet temperature	
35°C flow Heating	Min	kW	2	2
	Nom	kW	5.8	5.8
	Max	kW	10.6	10.6
Power input	Nom	kW	0.6	0.6
COP			9.6	9.6
55°C flow Heating	Min	kW	1.3	1.3
	Nom	kW	6.4	6.4
	Max	kW	9.48	9.48
Power input	Nom	kW	1.4	1.4
COP			4.7	4.7
7°C flow Cooling	Capacity	kW	-	9.1
Function			Heating and hot water	Heating, cooling and hot water
Casing	Colour		White	White
	Material		Pre-coated sheet metal	Pre-coated sheet metal
Dimensions	Height x Width x Depth	mm	1,891 x 597 x 666	1,891 x 597 x 666
Weight		kg	222	222
Hot water tank	Material		Stainless steel (EN 1.4521)	Stainless steel (EN 1.4521)
	Water volume	litres	180	180
	Standing losses	kWh/24h	1.4	1.4
	Immersion heater	kW	DHW back up & boost by inline electric back up heater	
Hydraulic characteristics	Energy source/Water loop	mm	28	28
	Water connections DHW	mm	22	22
	Water connections Space heating	mm	22	22
Inlet temperature range		°C	-10 ~ +30	-10 ~ +30
Leaving water temperature range	Heating	°C	+15 ~ +60	+15 ~ +60
	Cooling	°C	+5~ +20	+5~ +20
	Hot water	°C	+25 ~ +60	+25 ~ +60
Minimum water volume		litres	20	20
Minimum flow rate	Heating	l/min	0	0
	Cooling	l/min	10	10
Sound pressure / power level	Heating	dBA	27.0 / 39.0	27.0 / 39.0
Refrigerant charge	R-32	kg	1.7	1.7
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses	Heat pump	A	32	32
Pressure Rating		Bar	16	16
Source water flow rate		l/min	9.6	9.6
Trade Unit Price			**£7,374.00**	**£7,983.00**

Sound pressure level measured at 1m from the unit
* ErP Seasonal space heating efficiency data, space cooling and domestic hot water heating please see data book

Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW7	Madoka Heating - White	**£116.00**
BRC1HHDS7	Madoka Heating - Silver	**£116.00**
BRC1HHDK7	Madoka Heating - Black	**£116.00**
EKPCCAB4	PC cable – to upload field settings from PC to unit	**£300.00**
KRCS01-1	Optional remote temperature sensor for indoor unit(1)	**£74.00**
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	**£172.00**
EKRP1AHT	Optional PCB for power limitation	**£172.00**
DCOM-LT/MB	Daikin Altherma Modbus Gateway	**£329.00**
DCOM-LT/IO	Daikin Altherma I/O Gateway	**£336.00**
K.FERNOXTF1	Fernox magnetic filter 1"	**£152.00**
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	**£179.00**
EKUHWG3DS	G3 Kit (8l)	**£172.00**
UK.INBUFFER/10L	10L Inline Buffer Vessel	**£290.00**
UK.INBUFFER/20L	20L Inline Buffer Vessel	**£318.00**

Commission Packs:

Commission Pack Ref	Description	Net price
UK.FSHEAT/WSCOMMS(3)	Commissioning assistance <10 EWSA-D units	**POA**
UK.FSHEAT/WSCOMMS1(3)	Commissioning assistance 11 to 50 EWSA-D units	**POA**
UK.FSHEAT/WSCOMMS2(3)	Commissioning assistance >50 EWSA-D units	**POA**

Notes:

i) Every EWSA-D must be purchased alongside a G3 Kit

ii) Only one optional remote sensor can be installed

iii) Commissioning assistance must be purchased alongside each EWSA-D

R-32

EWYT~B- A New Generation of Heat Pump Multi-Scroll Chillers for Altherma 3 WS ambient loop

Future proof air cooled heat pump scroll chiller series with refrigerant R-32

The best performance and the lowest combined levels of direct and indirect CO_2 emissions

- Wide Capacity range: Heating 82-650kW, Cooling 75-610kW (Nominal conditions)
- Possibility to increase the capacity with new back-to-back special version: Heating up to 1300kW, Cooling up to 1220kW (Nominal conditions)
- Top class efficiency, SEER up to 4,92 and SCOP up to 4,06
- Available in silver and gold efficiency versions
- Dedicated R-32 optimised scroll compressors and heat exchangers for hot water production up to 60°C (Nominal conditions)
- The Global Warming Potential (GWP) of R-32 refrigerant is 675, which is only one third compared to commonly used R-410A refrigerant
- As a single component refrigerant, R-32 is also easier to recycle and reuse – another environmental plus in its favour
- Optimised Copper-Aluminium coils improving performances and de-frosting operation
- Standard, Low and Reduced sound configurations
- One or two independent refrigerant circuits
- Extensive option list including on-board pump kits with or without buffer tank, inverter pump with possibility for variable primary flow control, on-board sequencing
- Full compatibility with Daikin on-site cloud-based monitoring

Two Copper/Aluminium condenser coil layouts available



Parallel coils

- Slim layout
- Alucoat Fins Coils as standard with option for Blygold

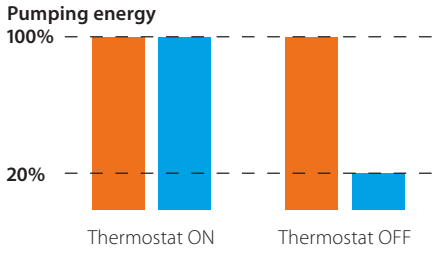
Double-V coils

- Broad layout
- Alucoat Fins Coils as standard with option for Blygold



VFD pumps and variable flow control options available

- Variable pump speed control via external 0-10 volt signal
- "Thermostat on" and "thermostat off" pump speed management
- Variable primary flow control



Connection to Intelligent Chiller Manager

Daikin offers the Intelligent Chiller Manager option, allowing energy optimisation of the system and, when necessary, full customisation of the control solutions, even in more complex installations.

- High number of units
- Cooling and Heating mode
- Peripheral controls

R-32

EWYT~B-XRA~

For Altherma 3 WS ambient loop

Heat Pump – High Efficiency – Reduced Sound





EWYT~B-XR~ R-32 Multi-Scroll ASHP Chiller - Cooling & Heating - High Efficiency - Reduced Sound																			
Model	**EWYT***B-XRA~**		**085** [1]	**115**	**135**	**175**	**215** [1]	**215**	**235**	**265**	**310**	**350**	**400**	**440**	**500**	**560**	**600**	**630**	**650**
Cooling capacity	FWT 20 °C, Amb 35°C, 8K Delta Temp	kW	114	147	181	243	313	292	325	352	401	461	525	577	679	765	834	888	869
Power input	Cooling design	kW	30	40	49	67	85	78	86	97	110	127	144	159	187	211	229	244	233
Heating capacity	FWT 25 °C, Amb -4°C, [1]	kW	65 [1]	83	99	132	165 [1]	163	179	194	228	262	300	333	374	415	444	470	482
Power input	Heating [1]	kW	18 [1]	22	26	34	43 [1]	42	47	51	57	65	75	81	93	105	114	121	128
Capacity control	Method		Step																
	Minimum capacity	%	50	38	50	38	50	19	17	25	22	19	17	25	22	19	18	17	17
EER	Design	kW/kW	3.87	3.68	3.67	3.65	3.67	3.73	3.77	3.63	3.63	3.64	3.67	3.63	3.63	3.62	3.64	3.64	3.73
SEER	EN14825 (Fan coil application)		4.21	4.37	4.21	4.41	4.16	4.42	4.43	4.13	4.74	4.80	4.82	4.63	4.92	4.89	4.83	4.79	4.72
ESEER	Cooling (Part L - SBEM)		4.13	4.18	4.13	4.09	4.08	4.21	4.19	4.04	4.31	4.32	4.30	4.36	4.46	4.41	4.38	4.35	4.05
COP	Design [1]	kW/kW	3.65[1]	3.74	3.82	3.88	3.84 [1]	3.85	3.83	3.8	4.00	4.05	4.03	4.10	4	4	3.9	3.9	3.76
SCOP	EN14825 (Low temp heat pump)		3.66	3.71	3.65	3.83	3.74	3.70	3.82	3.81	4.06	4.01	3.95	4.03	3.99	4.04	4.00	3.98	3.88
Dimensions	Height	mm	1,801	1,801	1,801	1,801	1,801	1,801	1,801	1,801	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516
	Width	mm	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	2,224	2,224	2,224	2,224	2,224	2,224	2,224	2,224	2,224
	Depth	mm	2,825	3,426	3,426	4,028	4,628	5,550	6,223	6,223	4,316	4,316	5,211	5,211	6,112	6,112	7,010	7,010	7,010
Operating weight		kg	938	941	1,007	1,393	1,564	2,435	1,796	1,827	3,216	3,402	3,751	4,097	4,399	4,656	4,992	5,159	5,159
Water heat exchanger	Type		Brazed plate																
Water flow rate	Cooling	l/s	3.4	4.4	5.4	7.3	9.4	8.7	9.7	10.5	12.0	13.8	15.7	17.3	20.3	22.9	24.9	26.6	26.0
Water pressure drop	Cooling	kPa	7.8	12.3	17.8	17.2	27.1	9.7	11.8	13.7	17.3	22.2	27	19.1	25.7	29.1	34	38.1	36.6
Water flow rate	Heating [1]	l/s	3.9 [1]	4.0	4.7	6.3	9.8 [1]	7.8	8.6	9.3	10.9	12.5	14.3	15.9	17.9	19.8	21.2	22.5	23
Water pressure drop	Heating [1]	kPa	9.7 [1]	10.2	14.1	13.3	29.6 [1]	7.9	9.4	10.8	14.5	18.6	23.8	16.6	20.4	22.5	25.5	28.2	29.5
Air heat exchanger	Type		Copper pipe / aluminium fin																
Compressor	Type		Driven vapour compression (Scroll)																
	Quantity		2	2	2	2	2	4	4	4	4	4	4	4	5	6	6	6	6
Fan	Type		Direct propeller																
	Quantity		6	8	8	10	12	14	16	16	7	8	10	10	12	12	14	14	14
Sound power level	Cooling Nom. (ISO 9614-1)	dB(A)	77	81	83	85	87	84	85	86	84	84	85	86	86	86	87	87	92
Sound pressure level	Cooling Nom. (@ 1m)	dB(A)	59	63	65	67	68	65	65	66	64	64	65	65	65	66	66	66	71
Refrigerant	Type/GWP		R-32/675																
	Total charge	kg	17	29	30	35	44	50	50	55	70	70	85	100	115	129	144	158	158
	Quantity of circuits		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Piping connections	Evaporator water inlet/outlet (OD)	mm	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
Electrical data	DOL Starting current Max	A	213	329	343	465	497	412	429	443	572	606	644	674	728	773	811	841	841
	Running current Cooling Design	A	58	72	84	113	143	136	147	161	191	218	243	270	315	360	388	414	397
	Running current Max	A	70	87	101	133	165	170	186	201	240	274	312	342	395	441	479	509	509
	Voltage/Phase/Frequency	V/Ph/Hz	400-3-50																
EWYT~B-XR~ Trade Price			**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**

Please note: (Standard and Low noise versions are available)

[1] 4K heating mode delta temp for EWYT085B-XRA1 and EWYT215B-XRA1 data. 5K heating mode delta temp for all other model sizes data. Zero fouling factor, pure water

All models include the following recommended options: OPT-15 Under/over voltage control, OPT-43 Condenser Coil Guards, OPT-58 Evaporator flow switch, OPT-75 Rubber antivibration mounts, OPT-114 Nordic kit, OPT-115 Water filter

Mandatory commissioning by Daikin Airconditioning UK, see page 346

NEW

R-290

EWYK~QZXSA2

R-290 Multi-Scroll Air-to-Water Chiller - Heat Pump - High Efficiency - Standard Sound



Future-proof air source heat pump scroll chiller series with environmentally friendly R-290 natural refrigerant.

Main features of Daikin's Modular air to water heat pump series:

- Multiple combinations will provide flexibility for comfort heating, comfort cooling, domestic hot water and process applications
- Two capacity sizes: 100 & 135 kW (nominal heating), permitting up to 4.3 MW
- Top performance in heating and cooling: full inverter control on all scroll compressors
- Brushless fans as standard
- Hot water production up to 75°C at low ambient
- Full compatibility with Daikin on-site cloud-based remote monitoring system
- MUSE Master/Slave sequencing up to 4 units FOC, or upgrade to iCM platform with optimised defrost as standard allowing sequencing of up to 32 modules
- Extensive option and accessory availability
- Daikin Safety Shield: advanced safety features for R-290 systems

EWYK~QZXSA2 R-290 Multi-Scroll Chiller - Heat Pump - High Efficiency - Standard Sound				
Model	**EWYK~QZXSA2**		**100**	**135**
Cooling capacity	Nom.	kW	91	128
Power input	Cooling Nom.	kW	30	48
Heating capacity	Nom.	kW	101	135
	75°C LWT, 10K DT, -5°C Winter Amb.	kW	75	101
Power input	Heating Nom.	kW	31	41
Capacity control	Method		Inverter controlled	
	Minimum capacity	%	10	10
EER	Nom.	kW/kW	3.00	2.65
SEER	EN14825 (Fan coil application)		5.06	4.81
SEER	Cooling (Part L - SBEM)		5.34	4.80
COP	Nom.	kW/kW	3.32	3.34
SCOP	EN14825 (Low temp. heat pump)		4.28	4.32
SCOP	EN14825 (Medium temp. heat pump)		3.37	3.33
SCOP	EN14825 (High temp. heat pump)		2.96	2.92
Dimensions	Height	mm	2,382	2,382
	Width	mm	1,207	1,207
	Depth (Length)	mm	2,653	2,653
Operating weight		kg	1,195	1,272
Water heat exchanger	Type		Brazed plate	
Water flow rate	Cooling Nom.	l/s	4.30	5.95
	Heating Nom.	l/s	4.87	6.44
Water pressure drop	Cooling Nom.	kPa	16.1	18.0
	Heating Nom.	kPa	21.4	21.0
Air heat exchanger	Type		Copper pipe / aluminium fin	
Compressor	Type		Driven vapour compression (Scroll)	
	Quantity		2	2
Fan	Type		Direct propeller (Brushless)	
	Quantity		2	2
Sound power level	Cooling Nom. (ISO 9614-1)	dB(A)	86.3	90.9
Sound pressure level	Cooling Nom. (@ 1m)	dB(A)	68.1	72.7
Refrigerant	Type/GWP		R-290/0.02	
	Total charge	kg	6.1	6.6
	Quantity of circuits		2	2
Piping connections	Evaporator water inlet/outlet (OD)	mm	88.9	88.9
Electrical data	Running current Max (Cooling)	A	52	83
	Voltage/Phase/Frequency	V/Ph/Hz	400-3-50	
EWYK~QZXSA2 Trade Price			**POA**	**POA**

Notes:

- Nominal performance data shown is subject to change. Please request design selection from Daikin
- Mandatory commissioning by Daikin Airconditioning UK, see page 346
- Possibility to increase the capacity by hydronically connecting up to four modules side-by-side in array configuration
- UK recommended options include: OPT-91 Double ressure relier valve with diverter, OPT-95 Compressors circuit breakers

Daikin Safety Shield

OPERATING RANGE

	Min	Max
Heating water	20°C	75°C
Chilled water	-15°C	18°C
Ambient temperature OAT in cooling	-20°C	46°C

R-32

EWYT-CZ

For Altherma 3 WS ambient loop

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Features:

- R-32 refrigerant product with GWP of 675 reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- As a single component refrigerant, R-32 is also easier to recycle and reuse
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Available in air cooled cooling only and air source heat pump versions
- Possibility for 60°C Condenser Leaving Water Temperature
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New modern casing design
- Possibility for inverter drive on-board hydronic pump in standard or high lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Air Cooled- R-32 Inverter Scroll Compressor - Heat Pump

Model	EWYT***CZ		EWYT016CZNBA1		EWYT021CZNBA1		EWYT025CZNBA1		EWYT032CZNBA1		EWYT040CZNBA1		EWYT040BCZNBA2		EWYT050CZNBA2		EWYT064CZNBA2		EWYT090CZNBA2	
Operating Mode			Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max	Normal	Max
Cooling capacity	FWT 20 °C, Amb 35°C, 8K Delta Temp	kW	23.4	26.5	30.7	36.6	37.5	42.3	47.6	56.2	58.2	66.1	60.6	71.8	74.6	84.3	93.7	104.0	130.0	142.5
Power input	Cooling design	kW	5.9	7.5	7.2	9.8	9.6	12.1	11.2	14.9	14.5	18.4	14.7	19.8	19.3	24.2	24.4	30.0	34.1	42.7
Heating capacity	FWT 25 °C, Amb -4°C, (1)	kW	11.9	13.4	15.1(1)	17.7	18.1	20.8	23.9	26.7	29.1	33.0	30.1	35.5	36.4	41.7	45.2	50.3	63.4	69.9
Power input heating	Heating	kW	3.0	3.6	3.8	4.6	4.9	5.9	6.1	7.5	7.8	9.5	7.7	9.4	10.0	12.1	12.4	15.2	17.7	21.4
Capacity control	Method		Variable (Inverter)																	
	Minimum capacity	%	18		14		12		19		15		14		12		15		14	
EER	Design	kW/kW	3.96	3.53	4.25	3.75	3.90	3.50	4.24	3.77	4.02	3.60	4.14	3.62	3.88	3.49	3.85	3.46	3.81	3.34
SEER	EN14825 (Fan coil application)		5.00	5.00	5.00	5.00	5.06	5.06	5.21	5.21	5.10	5.8	5.41	5.41	5.33	5.33	5.21	5.21	5.03	5.80
COP	Design	kW/kW	3.90	3.76	3.98	3.86	3.70	3.53	3.95	3.54	3.73	3.48	3.93	3.79	3.62	3.43	3.64	3.31	3.59	3.30
SCOP	EN14825 (Low temp heat pump)		3.89	3.89	4.00	4.00	4.07	4.07	4.06	4.06	4.10	5.1	4.02	4.02	4.00	4.00	3.98	3.98	4.00	5.00
Dimensions	Height	mm	1878		1878		1878		1878		1878		1878		1878		1878		1878	
	Width	mm	1152		1152		1152		1753		1753		2304		2304		2905		3506	
	Depth	mm	810		810		810		810		810		810		810		810		810	
Operating weight		kg	281		282		282		426		426		565		565		709		856	
Water heat exchanger	Type		Brazed plate																	
Water flow rate	Cooling	l/s	0.70	0.79	0.92	1.10	1.12	1.27	1.43	1.68	1.74	1.98	1.82	2.15	2.24	2.53	2.81	3.12	3.90	4.30
Water pressure drop	Cooling	kPa	17.3	21.6	9.8	13.5	14.2	17.6	22.3	31.1	33.4	43.1	8.8	11.7	12.7	15.8	19.1	23.1	17.8	21.0
Water flow rate	Heating	l/s	0.57	0.64	0.90	0.85	0.87	0.99	1.15	1.28	1.40	1.58	1.44	1.70	1.74	2.00	2.17	2.41	3.04	3.40
Water pressure drop	Heating	kPa	11.4	14.2	9.4	8.3	8.5	11.0	14.6	17.9	21.5	27.6	5.4	7.4	7.7	10.0	11.5	14.0	11.0	13.2
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger																	
Compressor	Type		Hermetically Sealed Scroll Compressor																	
		Quantity	1		1		1		1		1		2		2		2		2	
Fan	Type		Axial/VFD																	
		Quantity	1		1		1		2		2		2		2		3		4	
Sound power level	Cooling Nom. (ISO 9614-1)	dB(A)	76		76		78		79		80		80		81		83		85	
Sound pressure level	Cooling Nom. (@ 1m)	dB(A)	60		60		62		62		63		63		64		65		67	
Refrigerant	Type/GWP		R-32/675																	
	Total charge	kg	3		5.5		5.5		7		8		12		12		13		16	
	Quantity of circuits		1		1		1		1		1		2		2		2		2	
Piping connections	Evaporator water inlet/outlet (OD)	mm	1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		2" (Female)		2" (Female)		2" (Female)		2" (Female)	
Electrical data	Running current Cooling Design	A	12.8	15.2	14.8	18.5	18.1	21.7	24.3	29.9	27.9	33.6	29.4	37.0	35.4	42.7	46.9	55.5	63	75.6
	Running current Max	A	17.1	17.1	21	21.0	23.5	23.5	34	34.0	38	38.0	41.1	41.1	46.1	46.1	60.6	60.6	83.1	83.1
	Voltage/Phase/Freq	V/Ph/Hz	400/3/50																	
Base Unit + Op.191			**EWYT016CZNBA1**		**EWYT021CZNBA1**		**EWYT025CZNBA1**		**EWYT032CZNBA1**		**EWYT040CZNBA1**		**EWYT040BCZNBA2**		**EWYT050CZNBA2**		**EWYT064CZNBA2**		**EWYT090CZNBA2**	
Trade Price - Base Unit + Op.191			**£8,924.00**		**£10,340.00**		**£11,662.00**		**£13,538.00**		**£16,059.00**		**£18,542.00**		**£20,267.00**		**£23,595.00**		**£29,762.00**	

Pump Options

Model			EWYT016CZPBA1	EWYT021CZPBA1	EWYT025CZPBA1	EWYT032CZPBA1	EWYT040CZPBA1	EWYT040BCZPBA2	EWYT050CZPBA2	EWYT064CZPBA2	EWYT090CZPBA2
Low Lift Pump	**Nominal Head**	**kPa**	**240**	**230**	**200**	**180**	**160**	**190**	**160**	**210**	**170**
Trade Price - Base Unit + Low Lift Pump + Op.191			**£9,741.00**	**£11,452.00**	**£12,786.00**	**£14,923.00**	**£17,770.00**	**£20,186.00**	**£22,179.00**	**£25,611.00**	**£33,670.00**

Model			EWYT016CZHBA1	EWYT021CZHBA1	EWYT025CZHBA1	EWYT032CZHBA1	EWYT040CZHBA1	EWYT040BCZHBA2	EWYT050CZHBA2	EWYT064CZHBA2	EWYT090CZHBA2
High Lift Pump	**Nominal Head**	**kPa**	**470**	**460**	**420**	**400**	**370**	**400**	**360**	**325**	**280**
Trade Price - Base Unit + High Lift Pump + Op.191			**£10,186.00**	**£11,785.00**	**£13,087.00**	**£15,170.00**	**£18,440.00**	**£20,733.00**	**£22,690.00**	**£26,083.00**	**£34,148.00**

Please note:

(1) 4K Δt heating mode delta temp for EWYT021CZ(N/P/H)BA1 (Normal Mode). 5K Δt heating mode delta temp for all other model sizes data. Zero fouling factor, pure water

(2) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with pricing detailed on page 346

Accessories:

Accessory Ref	Description	Trade Price
EKRSCTMS	Temperature sensor for master/slave configuration	**£63.00**
EKRSCTDH	Tank temperature sensor for DHW application	**£246.00**
EKRSCIO	IO Extension for VPF, domestic hot water, demand limit, setpoint reset, low noise	**£180.00**
EKRSCIOH	IO Extension for heating applications (Bivalent Operation & WS Collective Housing)	**£583.00**

Accessory Ref	Description	Trade Price
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	**£237.00**
EKRSCSM	DoS Router c/w Antenna & M2M Sim Card	**£378.00**
EKRSCDP	Differential Pressure Trasducer for VPF	**£1,126.00**

R-454C

EWYE~CZ

CZ-HT High Temperature Commercial - Heat Pump



Features:

- R-454C is a blend of R-32 (21.5%) and R1234yf (78.5%) with a GWP of 146, this complies with the up-coming new F-GAS regulation requirements which require GWP below 150 for Monobloc Heat Pumps below 50 kW (Effective January 1st 2027.)
- The most complete R-454C solution for decarbonisation, EWYE-CZ reaches **70°C** heating water temperature even in extreme ambient conditions
- Ideal for centralised heating, including direct gas boiler replacement
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Inverter driven propeller type AXIAL EC fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- Modern casing design
- Possibility for inverter driven on-board hydronic pump
- MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Model			EWYE019CZ	EWYE022CZ	EWYE025CZ	EWYE030CZ	EWYE035CZ	EWYE050CZ	EWYE060CZ	EWYE070CZ
Cooling capacity (ii)	Nominal	kW	14.7	16.2	18.3	22.2	25.4	41.8	47.0	59.2
Power input (ii)	Nominal Cooling	kW	5.43	6.06	6.70	7.42	8.97	15.83	17.73	22.26
EER (ii)			2.70	2.67	2.73	2.99	2.83	2.64	2.65	2.66
Heating capacity (iii)	Nominal @ 45°C	kW	18.5	20.5	24.2	30.0	34.7	50.2	60.5	73.7
Power input (iii)	Nominal Heating	kW	5.90	6.57	7.71	8.99	10.64	16.47	20.57	24.41
COP (iii)	COP		3.13	3.12	3.14	3.34	3.26	3.05	2.94	3.02
Heating capacity (iii)	Boost Mode @ 45°C	kW	21.5	25.1	28.6	35.0	39.8	47.1	70.1	83.1
Power input (iii)	Power input	kW	7.00	8.32	9.62	11.05	12.80	18.33	24.95	28.97
COP (iii)	COP		3.07	3.01	2.97	3.17	3.11	2.57	2.83	2.87
UK Heating Capacity (iv)	Heating Capacity @ 70°C	kW	13.7	15.1	17.9	21.2	24.9	36.5	45.2	54.5
Power input (iv)	Power input	kW	10.17	10.97	12.17	13.44	15.26	24.84	29.14	33.79
COP (iv)	COP		1.35	1.38	1.47	1.58	1.63	1.47	1.55	1.61
SCOP	Low/Med/High Temp		4.0/2.83/1.98	4.0/2.83/2.06	4.0/2.83/2.12	4.38/3.2/2.5	4.38/3.2/2.58	3.87/2.83/2.19	3.87/2.83/2.26	4.06/3.02/2.44
Water flow rate	Nominal Cooling	l/s	0.7	0.8	0.9	1.1	1.2	2.0	2.2	2.8
	Nominal Heating	l/s	0.9	1.0	1.1	1.4	1.6	2.4	2.8	3.5
Capacity control	Method		Inverter Controlled							
Air heat exchanger	Type		Al Fins & Cu Tube							
Water heat exchanger	Type		Brazed plate							
Fan	Type		Axial/VFD							
	Quantity		1	1	1	2	2	3	3	4
Sound Power Level, Lw (viii)		db(A)	77					78		
Dimensions	Height	mm	1878							
	Width	mm	1152			1752		2906		3506
	Depth	mm	802					814		
Operating weight		kg	300	302		404	405	636		769
Refrigerant	Type/GWP		R-454C/146							
	Quantity of circuits		1					2		
Compressor	Type		Scroll - Vapour Injection							
	Quantity		1					2		
	Economiser		1					2		

Pricing Options

Model No.	EWYE019 CZN-A1	EWYE022 CZN-A1	EWYE025 CZN-A1	EWYE030 CZN-A1	EWYE035 CZN-A1	EWYE050 CZN-A2	EWYE060 CZN-A2	EWYE070 CZN-A2
Trade Price - Base Unit + Op.191 (Evaporator Trace Heater)	**£11,758.00**	**£12,112.00**	**£12,960.00**	**£14,624.00**	**£16,477.00**	**£23,805.00**	**£26,475.00**	**£30,645.00**

Model	EWYE019 CZP-A1	EWYE022 CZP-A1	EWYE025 CZP-A1	EWYE030 CZP-A1	EWYE035 CZP-A1	EWYE050 CZP-A2	EWYE060 CZP-A2	EWYE070 CZP-A2
Trade Price - Base Unit + Low Lift Pump + Op.191 (Evaporator Trace Heater)	**£12,670.00**	**£12,977.00**	**£13,883.00**	**£15,460.00**	**£17,420.00**	**£24,794.00**	**£27,575.00**	**£31,816.00**

Please note: For applications where leaving water temperature is lower than 55°C, we recommend the EWYT~CZ unit is offered, detailed on page 266.

Accessories:

Accessory Ref	Description	List Price
EKRSCTMS	Temperature sensor for master/slave configuration	**£59.00**
EKRSCTDH	Tank temperature sensor for DHW application	**£237.00**
EKRSCIOC	IO Extension for R-454C CZ-HT Units	**£565.00**
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	**£228.00**
EKRSCSM	DoS Router c/w Antenna Excluding Data SIM	**£259.00**
EKRSCDP	Differential Pressure Transducer for VPF	**£1,093.00**

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @ 7/12°C

iii) Nominal heating capacities are based on 7°C db ambient, water @ 45/40°C

iv) UK heating capacities are based on -5°C db ambient, water @ 70/60°C

v) EWYE-CZ series can produce 70°C flow temperature at ambient temperatures between +35°C and -20°C as standard

vi) The EWYE-Size 50, 60 and 70 do not include offloading to kerbside with tail lift. Additional costs for delivery with a Hi-Ab are available on request

vii) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 346

viii) Sound condition Ecodesign and Energy label: Sound power in heating mode, measured according to the EN12102 and under test method following the ISO9614

NEW

R-290

EWYK~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Features:

- Future proof air source heat pump scroll chiller series with environmentally friendly R-290 natural refrigerant
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Hot water production up to 75°C at low ambient
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New casing design
- Possibility for inverter drive on-board hydronic pump in standard lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

			Single Circuit Models			
Model			**EWYK020CZN-A1**	**EWYK025CZN-A1**	**EWYK030CZN-A1**	**EWYK040CZN-A1**
Cooling capacity[iii]	Nominal	kW	17.60	21.07	24.61	34.73
Power input(ii)	Nominal Cooling	kW	5.1	6.4	8.1	11.0
EER(ii)	Nominal		3.45	3.28	3.04	3.16
SEER(ii)	EN14825 (Fan coil application)		5.10	5.15	5.00	5.57
Heating capacity[iii]	Nominal	kW	20.15	24.79	30.50	39.92
Power input[iii]	Nominal Heating	kW	5.2	6.5	8.3	11.1
COP[iii]	Nominal		3.92	3.84	3.69	3.61
SCOP[iii]	EN14825 Med. temp. heat pump)		3.42	3.49	3.45	3.56
SCOP[iii]	EN14825 Low. temp. heat pump)		4.58	4.65	4.53	4.61
Capacity control	Method		Variable (Inverter)			
Dimensions	Height x Width x Depth	mm	1878 x 1259 x 812			1878 x 1757 x 812
Water heat exchanger	Type		Brazed plate			
Water flow rate	Nominal Cooling	l/s	0.84	1.00	1.17	1.66
	Nominal Heating	l/s	0.96	1.18	1.46	1.91
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger			
Compressor	Type		Inverter Scroll with Vapour Injection			
	Quantity		1	1	1	1
Fan	Type		Axial/VFD			
	Quantity		1	1	1	2
Sound power level	Nominal Cooling	dBA	84	84	84	85
Refrigerant	Type/GWP		R290/0.02			
	Total charge	kg	2.65	2.65	2.65	2.80
	Quantity of circuits		1	1	1	1
	Voltage/Phase/Freq	V/Ph/Hz	400/3/50			

Pricing Options

Model	**EWYK020CZN-A1**	**EWYK025CZN-A1**	**EWYK030CZN-A1**	**EWYK040CZN-A1**
Trade Price - Base Unit	**£14,978.00**	**£15,994.00**	**£17,813.00**	**£22,574.00**

Model		**EWYK020CZP-A1**	**EWYK025CZP-A1**	**EWYK030CZP-A1**	**EWYK040CZP-A1**
Trade Price - Base Unit + Low Lift Pump		**£15,668.00**	**£16,836.00**	**£18,751.00**	**£23,762.00**
Available Pump Head @ Nominal Flow Rate	kPa	240	230	200	180

Daikin Safety Shield - Features that attest Daikin R-290 refrigerant products to a superior level of safety:

- All safety components with dedicated electrical connection for continuous operation
- Extraction fans located in the compressor box & electrical panel (Providing positive pressure within the electrical cabinet)
- Two separate leak detectors – one in the electrical panel and another in the compressor box
- Unit covers and guards fitted as standard
- The amount of refrigerant per circuit being limited (contained inside dedicated tanks during transportation)
- An alarm for alert in case of refrigerant leakage

Daikin **Safety** Shield

Accessories:

Accessory Ref	Description	List Price
EKRTSMSP	Temperature sensor for master/slave configuration	**£62.00**
EKRNORKITM	Nordic Kit for R290 CZ Series - Single Circuit Models	**£1,587.00**
EKRNORKITD	Nordic Kit for R290 CZ Series - Dual Circuit Models	**£1,992.00**
EKRSCIOR	IO Extension for R290 CZ Series	**£563.00**
EKRSCM	IO Extension for sCM	**£398.00**
EKRSCSMR	DoS Router with Antenna without SIM Card	**£364.00**
EKRSCDP	Differential Pressure Transducer for VPF	**£1,093.00**
EKRCM200J	Modbus RTU Communication Module	**£249.00**
EKRCMBACMSTP	BACNet MSTP communication module	**£296.00**
EKRCMBACIP	BACnet/IP communication module	**£386.00**
EKRVALVEKITM	Diverter Kit for Safety Valve and Collector - Single Circuit Models	**£834.00**
EKRVALVEKITD	Diverter Kit for Safety Valve and Collector - Dual Circuit Models	**£1,375.00**

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) Nominal heating capacities are based on 7°C db/6°C wb ambient, water @ 40/45°C

iv) EWYK-CZ series can operate in cooling down to ambient temperatures of -20°C as standard

v) Additional costs for delivery with a Hi-Ab are available on request

vi) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 346

NEW

R-290

EWYK~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Features:

- Future proof air source heat pump scroll chiller series with environmentally friendly R-290 natural refrigerant
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Hot water production up to 75°C at low ambient
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New casing design
- Possibility for inverter drive on-board hydronic pump in standard lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

			Dual Circuit Models							
Model			**EWYK050BCZN-A2**		**EWYK060CZN-A2**		**EWYK070CZN-A2**		**EWYK085CZN-A2**	
Operating Mode			**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**
Cooling capacity[ii]	Nominal	kW	43.97		51.41		60.23		71.38	
Power input[ii]	Nominal Cooling	kW	12.9		16.4		20.1		23.5	
EER[ii]	Nominal		3.40		3.14		3.00		3.04	
SEER[ii]	EN14825 (Fan coil application)		5.29		5.00		5.09		5.32	
Heating capacity[iii]	Nominal	kW	49.66		59.13		71.02		83.25	
Power input[iii]	Nominal Heating	kW	13.3		16.2		20.7		24.0	
COP[iii]	Nominal		3.74		3.65		3.44		3.47	
SCOP[iii]	EN14825 (Med. temp. heat pump)		3.41		3.39		3.47		3.52	
SCOP[iii]	EN14825 (Low. temp. heat pump)		4.47		4.38		4.50		4.58	
Capacity control	Method		Variable (Inverter)							
Dimensions	Height/Width/Depth	mm	1878 x 20106 x 816				1878 x 3016 x 816		1878 x 3516 x 816	
Water heat exchanger	Type		Brazed plate							
Water flow rate	Nominal Cooling	l/s	2.10		2.45		2.87		3.41	
	Nominal Heating	l/s	2.37		2.82		3.39		3.97	
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger							
Compressor	Type		Inverter Scroll with Vapour Injection							
	Quantity		2		2		2		2	
Fan	Type		Axial/VFD							
	Quantity		2		2		3		4	
Sound power level	Nominal Cooling	dBA	87		88		88		89	
Refrigerant	Type/GWP		R290/0.02							
	Total charge	kg	5.3		5.3		5.5		5.6	
	Quantity of circuits		2		2		2		2	
	Voltage/Phase/Freq	V/Ph/Hz	400/3/50							

Pricing Options

Model	**EWYK050BCZN-A2**	**EWYK060CZN-A2**	**EWYK070CZN-A2**	**EWYK085CZN-A2**
Trade Price - Base Unit	**£28,323.00**	**£30,975.00**	**£35,173.00**	**£38,920.00**

Model		**EWYK050BCZP-A2**	**EWYK060CZP-A2**	**EWYK070CZP-A2**	**EWYK085CZP-A2**
Trade Price - Base Unit + Low Lift Pump		**£29,731.00**	**£32,602.00**	**£37,022.00**	**£40,964.00**
Available Pump Head @ Nominal Flow Rate	kPa	TBC	TBC	TBC	TBC

Daikin Safety Shield - Features that attest Daikin R-290 refrigerant products to a superior level of safety:

- All safety components with dedicated electrical connection for continuous operation
- Extraction fans located in the compressor box & electrical panel (Providing positive pressure within the electrical cabinet)
- Two separate leak detectors – one in the electrical panel and another in the compressor box
- Unit covers and guards fitted as standard
- The amount of refrigerant per circuit being limited (contained inside dedicated tanks during transportation)
- An alarm for alert in case of refrigerant leakage

Daikin **Safety** Shield

Accessories:

Accessory Ref	Description	List Price
EKRTSMSP	Temperature sensor for master/slave configuration	**£62.00**
EKRNORKITM	Nordic Kit for R290 CZ Series - Single Circuit Models	**£1,587.00**
EKRNORKITD	Nordic Kit for R290 CZ Series - Dual Circuit Models	**£1,992.00**
EKRSCIOR	IO Extension for R290 CZ Series	**£563.00**
EKRSCM	IO Extension for sCM	**£398.00**
EKRSCSMR	DoS Router with Antenna without SIM Card	**£364.00**
EKRSCDP	Differential Pressure Transducer for VPF	**£1,093.00**
EKRCM200J	Modbus RTU Communication Module	**£249.00**
EKRCMBACMSTP	BACNet MSTP communication module	**£296.00**
EKRCMBACIP	BACnet/IP communication module	**£386.00**
EKRVALVEKITM	Diverter Kit for Safety Valve and Collector - Single Circuit Models	**£834.00**
EKRVALVEKITD	Diverter Kit for Safety Valve and Collector - Dual Circuit Models	**£1,375.00**

Notes:

i) "Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) Nominal heating capacities are based on 7°C db/6°C wb ambient, water @ 40/45°C

iv) EWYK-CZ series can operate in cooling down to ambient temperatures of -20°C as standard

v) Additional costs for delivery with a Hi-Ab are available on request

vi) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 346

R-32

Hybrid Monobloc (R-32) Heat Pump System

Heat pump

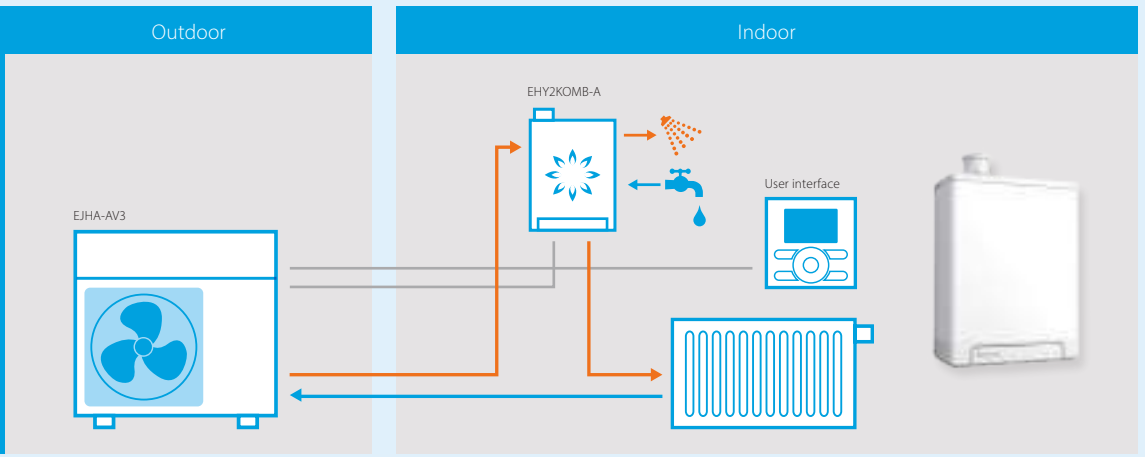
- **Environmentally friendly:** reduced environmental impact thanks to the usage of R-32 refrigerant
- **Outdoor unit with sealed refrigerant circuit,** which greatly reduces the risk of refrigerant leakage
- **Easy and quick installation** as all hydraulics components are outside
- **Water connections only** between outdoor and indoor unit, so no F-gas certificate required
- **Performance in every condition:** the unit can work down to -15°C outside thanks to multiple freeze protections
- **Bluevolution technology** combines very high efficient compressors developed by Daikin with the future of refrigerants: R-32

Condensing boiler

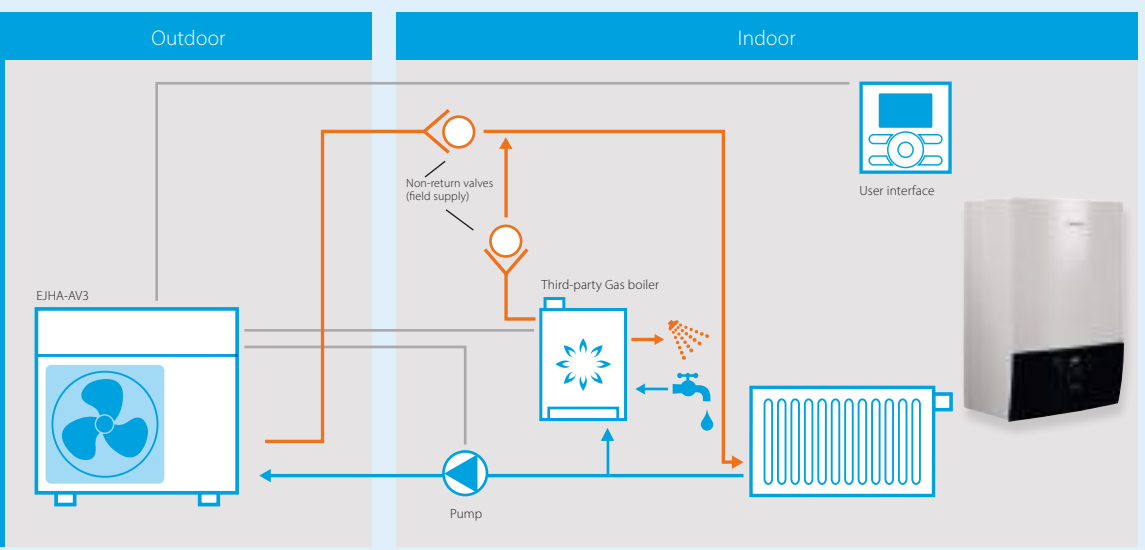
- **Flexible installation:** Compact indoor unit can be installed in a cupboard
- **Condensing technology:** uses optimum fuel efficiency, with reduced emissions of NOx and CO, to ensure high cost savings and environmentally-friendly operation
- **Plug & Play** as the pump group is integrated inside



With this application, the system works in a perfect balance between the gas boiler and the heat pump to provide space heating and domestic hot water. Here, the boiler is able to heat directly the water without a tank.



The Daikin Altherma Hybrid Monobloc outdoor unit can be combined with an existing boiler. In such applications, the system works in bivalent operation. This means that this is strictly the heat pump or the boiler that is providing the required heat while in the standard applications, both can work at the same time.



R-32

EJHA / EHY2KOMB

Hybrid Monobloc (R-32) Heat Pump System



Hybrid technology combining condensing gas and air-to-water heat pump for heating and hot water

- Heating only models
- Depending on outdoor temperature, energy prices and internal heat load, the Daikin Altherma H Hybrid heat pump always selects the most economical mode to operate
- Low investment cost: no need to replace the existing radiators (up to 80°C) and pipe work
- Provides sufficient heat in renovation applications as all heat loads are covered up to 32kW
- Easy and fast installation thanks to the compact dimensions and water connections

Outdoor Units			**EJHA04AV3**
Trade Price			**£2,215.00**
Dimensions	Height x Width x Depth	mm	745 x 845 x 329
Weight		kg	45
Nominal capacity	Heating	kW	3.83
Nominal input	Heating	kW	0.85
COP	Heating		4.49
Operation range (ambient)	Heating	°C	-15 ~ 25
Sound pressure / power level	Heating	dBA	37 / 58.7
Rated airflow		m^3/h	1,698
Refrigerant charge	R-32	kg	0.56
Piping connections	Water inlet/outlet	inches	1" (male)
Max piping length OU to DHW cylinder		m	10
Power supply			1-phase / 230V / 50Hz
Recommended fuses		A	20

Indoor Unit (boiler)			**EHY2KOMB28A**	**EHY2KOMB32A**
Trade Price			**£1,292.00**	**£1,568.00**
Expansion vessel & valves (must be ordered separately)			EKFJM1A	EKFJL1A
User interface (must be ordered separately)			EKRUHML1	EKRUHML1
Function			Heating only	Heating only
Compatible outdoor unit			EJHA04AV3	EJHA04AV3
Dimensions (with backpack)	Height x Width x Depth	mm	830 x 450 x 335	890 x 450 x 335
Weight (with backpack)		kg	43.5	46.7
Seasonal space heating efficiency*	Space heating (Average climate) 55°C	Class	A++	A++
		Efficiency	128	128
		SCOP	3.26	3.28
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A++	A++
		Efficiency	163	163
		SCOP	4.14	4.15
Domestic hot water heating*	Average climate	Class	A	A
		Declared load profile	XL	XL
Capacity (heating)	Minimum	kW	7.1	7.4
	Maximum	kW	26.3	30.0
Capacity (hot water)	Minimum	kW	7.2	7.6
	Maximum	kW	29.1	32.7
Leaving water temperature range	Heating	°C	30 - 90	30 - 90
	Hot water	°C	40 - 65	40 - 65
Minimum water volume		litres	20	20
Minimum flow rate		l/min	7	7
DHW flow rate ΔT 35K	Hot water	l/min	10.5	13.0
Heating connections	Diameter	mm	22	22
DHW connections	Diameter	mm	15	15
Gas connection	Diameter	mm	15	15
IP rating			IP44	IP44
Device type			C13, C33	C13, C33
Supply pressure	Natural gas (G20)	mbar	20	20
	LPG (G31)	mbar	28-50	28-50
Nox class			6	6
Flue gas connection			60/10	60/10
Maximum flue length, 60/100		m	10	10
Maximum flue length, 80/125		m	29	29
SAP 2012		%	89.1	88.8
SAP ID		55°C / 45°C / 35°C	190012 / 190015 / 190011	190014 / 190016 / 190013

*When combined with matching outdoor unit

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:
Heating: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)
Sound pressure level measured at 1m from the unit

R-32

Accessories:

Accessory Ref	Description	Trade Price
EKRUHML1	Hybrid R-32 User interface	£140.00
BRP069A62	Daikin ONECTA App	£199.00
EKBALLV1	Ball Valves	£44.00
EKFJM1A	Mounting jig for 28kW Boiler (Including 8 litre expansion vessel and valves)	£148.00
EKFJL1A	Mounting jig for 32kW Boiler (Including 8 litre expansion vessel and valves)	£148.00
EKCP1A	Valve Cover Plate	£12.00
UK.FILLINGLOOP	Straight braided filling loop	£15.00
EK3WV1A	3-way valve kit for W-plan installation	£82.00
EKPS075867	LPG conversion kit 28kW Boiler	£27.00
EKHY075787	LPG conversion kit 32kW Boiler	£27.00
EKHY090717	Flue adapter 80/125	£27.00
EKPCCAB4	PC cable – to upload field settings from PC to unit or spare controller	£300.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and solar interlock	£172.00
EKBPHT04JH	Bottom plate heater for Hybrid R-32	£167.00
EKTH4	Thermal store domestic hot water thermistor	£64.00
EKEPHYHT35H	Thermal store connection kit [1]	£210.00
EKTH3	Daikin EKHWSU-D3V3 or third party tank domestic hot water thermistor [2][5]	£33.00
EKHY3PART	Third party tank connection kit [2]	£238.00
EKADDONJH	External pump for third party boiler applications [3]	£171.00
EKADDONJH2	Non-return valves and cables for external pump [3]	£171.00
EKRSC1	Optional remote temperature sensor for outdoor temperature (see note) [4]	£99.00

Accessory Ref	Description	Trade Price
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£110.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£157.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£120.00
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	£75.00
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	£111.00
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	£450.00
K.DT1	Condensate drip tray (800 x 400 x 50mm)	£85.00
K.CGM	Outdoor unit guard	£490.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	£62.00
K.FERNOXTF1	Fernox magnetic filter 1"	£152.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£179.00
RHEATMETH	**Heat meter for domestic RHI (for Altherma hybrid only)**	£282.00
	M-Bus enabled for Daikin remote monitoring cloud using UK.RGATEWAY and UK.RELECMETV	
	MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	
RELECMETV	**Electric meter for domestic RHI (for Altherma hybrid only)**	£208.00
	M-Bus enabled for Daikin remote monitoring cloud using UK.RGATEWAY and UK.RHEATMETL	
	MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	
RGATEWAY	**Communication Gateway for domestic RHI (for Altherma hybrid only)**	£385.00
	M-Bus enabled for Daikin remote monitoring cloud using UK.RHEATMETL and UK.RELECMETV	
	Permanent internet connection required via a third party local router	

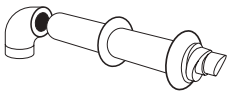
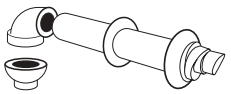
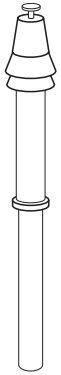
Hybrid Tank Connection Kits

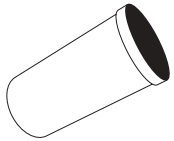
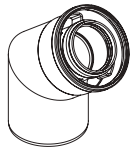
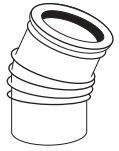
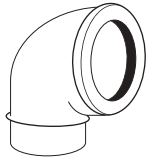
Part Number	Description	Trade Price
EKEPHT3H	**Daikin thermal store (EKHWP)** This pack contains: 3 way valve (Honeywell) Tank sensor (HT + adapter) 2 x isolation valves T-piece	£289.00
EKHY3PART	**Third party tank kit – for dry pocket sensor** This pack contains: 3 way valve (ESBE) Tank sensor (LT) - not used, replace with EKTH3 Immersion contactor kit - not used	£238.00

Notes:

Outdoor unit, boiler, EKRUHML1, EKBALLV1 & EKFJ(M/L)1A is required to be ordered to have a complete system
[1] Must be purchased together to enable connection onto Daikin thermal store
[2] Must be purchased together to enable connection onto pressurised non-Daikin cylinder
[3] Both required when installing outdoor unit alongside third party boiler
[4] Only one optional remote sensor can be installed
[5] Must be purchased to enable connection onto Daikin EKHWSU-D3V3

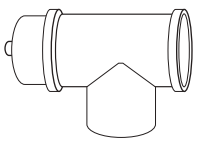
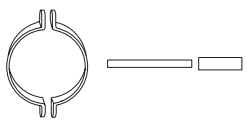
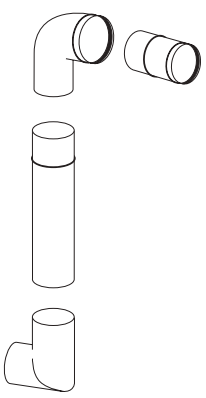
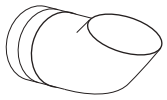
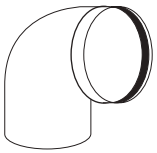
Flue Accessories (60/100)

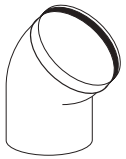
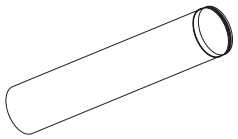
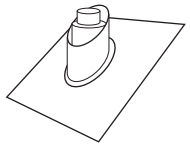
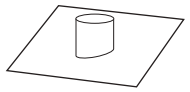
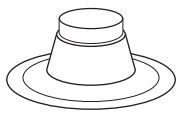
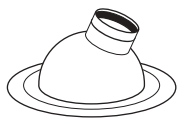
	Description	Quantity per pack	Part number	Trade Price
	Horizontal flue kit 60/100 (Hybrid)	1	EKFGP1292	**£64.00**
	Horizontal flue kit with low profile elbow 60/100 (Hybrid)	1	EKFGP1293	**£83.00**
	Vertical roof terminal 60/100	1	EKFGP6837	**£98.00**

	Description	Quantity per pack	Part number	Trade Price
	Extension 60/100 x 500mm	1	EKFGP4651	**£37.00**
	Extension 60/100 x 1000mm	1	EKFGP4652	**£44.00**
	Offset Elbow 60/100	1	EKFGP1289	**£37.00**
	Elbow 60/100, 30 degrees	1	EKFGP4664	**£49.00**
	Elbow 60/100, 45 degrees	1	EKFGP4661	**£32.00**
	Elbow 60/100, 87 degrees	1	EKFGP4660	**£32.00**

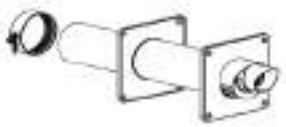
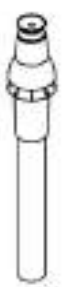
Daikin Altherma Hybrid Heat Pump System and Gas Boiler

Flue Accessories (60/100) (Continued)

	Description	Quantity per pack	Part number	Trade Price
	Tee with inspection panel 60/100	1	EKFGP4667	**£133.00**
	Wall bracket DN.100	1	EKFGP4631	**£6.00**
	Plume Management Kit (PMK)	1	EKFGP1294	**£55.00**
	Flue deflector	1	EKFGP1295	**£14.00**
	PMK elbow, 87 degrees	1	EKFGP1284	**£12.00**

	Description		Quantity per pack	Part number	Trade Price
	PMK elbow, 45 degrees		2	EKFGP1285	**£27.00**
	PMK extension, length 1000mm incl. bracket		1	EKFGP1286	**£20.00**
	Weather slate (plastic) 60/100 (25-45 degrees)		1	EKFGP7910	**£39.00**
	Weather slate 60/100	18-22 degrees	1	EKFGS0518	**£148.00**
		23-27 degrees	1	EKFGS0519	**£148.00**
		43-47 degrees	1	EKFGS0523	**£148.00**
		48-52 degrees	1	EKFGS0524	**£148.00**
		53-57 degrees	1	EKFGS0525	**£148.00**
	Weather slate flat aluminium 60/100		1	EKFGP6940	**£27.00**
	Weather slate flat aluminium 60/100 (0 – 15 degrees)		1	EKFGP1296	**£79.00**

Flue Accessories (80/125)

	Description	Quantity per pack	Part number	Trade Price
	60/100 to 80/125 Flue adapter	1	DRDECO80125BA	**£14.00**
	Horizontal wall terminal 80/125	1	EKFGW6359	**£79.00**
	Vertical roof terminal 80/125	1	EKFGP6864	**£118.00**
	Extension 80/125 0.5m	1	EKFGP4801	**£45.00**
	Extension 80/125 1m	1	EKFGP4802	**£56.00**
	Elbow 80/125 90°	1	EKFGP4810	**£38.00**

	Description		Quantity per pack	Part number	Trade Price
	Elbow 80/125 45°		1	EKFGP4811	**£38.00**
	Wall bracket 80/125		1	EKFGP4481	**£15.00**
	Inspection elbow 80/125 90°		1	EKFGP4820	**£162.00**
	Weather slate 80/125	18-22 degrees	1	EKFGT6300	**£179.00**
		23-27 degrees	1	EKFGT6301	**£179.00**
		24-45 degrees	1	EKFGP7909	**£179.00**
	Weather slate flat roof aluminium DN80/125	0-15 degrees	1	EKFGP1297	**£99.00**

Daikin Altherma Heat Pump System

Hybrid Heat Pump Accessories

Accessory Ref	Description	Trade Price
Wall brackets		
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long)	**£111.00**
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long) - Stainless Steel model	**£450.00**
Condensate trays		
K.DT1	Condensate drip tray (800 x 400 x 50mm)	**£85.00**
K.DT2	Condensate drip tray (1100 x 400 x 25mm)	**£94.00**
Flexi-feet		
K.FF600S	Pair of flexi-feet (Standard) to mount the outdoor unit	**£73.00**
K.FF600ASN	Pair of flexi-feet (Narrow) to mount the outdoor unit	**£75.00**
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	**£62.00**
Flexi-hoses		
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£87.00**
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£110.00**
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£157.00**
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	**£120.00**
Protective guards		
K.CGM	Outdoor unit guard for single fan outdoor units	**£490.00**
K.CGFPM	Front/Back panel for use with K.CGM	**£148.00**
K.CGBPML	Top/Bottom panel for use with K.CGM/L	**£100.00**
K.CGSIDE	Partial guard to protect side coil	**£236.00**
Third party cylinder connection kits		
EKHY3PART	Third party tank connection kit for dry pocket sensor – 3 way valve, pocket sensor (not used) and contactor kit (not used)	**£238.00**
EKUMBPART	Third party tank connection kit for dry pocket sensor – 3 way valve, pocket sensor (not used) and contactor/MCB kit (not used)	**£293.00**
EKTH3	Daikin EKHWSU-D3V3 or third party tank domestic hot water thermistor [1]	**£33.00**
EKTH4	Thermal store domestic hot water thermistor	**£64.00**
Other		
K.SLEEVE	Through wall insulation suitable for 22 & 28mm pipe (19mm tough PVC coat insulation)	**£49.00**
K.HEATMET	**Heat meter for domestic RHI (for Altherma hybrid only)** MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	**£282.00**
K.ELECMETV	**Electric meter for domestic RHI - Single-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£179.00**
K.ELECMETW	**Electric meter for domestic RHI - Three-phase (Metering for performance compliant)** MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£322.00**
RHEATMETH	**Heat meter for domestic RHI (for Altherma hybrid only)** M-Bus enabled for Daikin remote monitoing cloud using RGATEWAY and RELECMETV MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	**£282.00**
RELECMETV	**Electric meter for domestic RHI (for Altherma hybrid only)** M-Bus enabled for Daikin remote monitoing cloud using RGATEWAY and RHEATMETH MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	**£208.00**
RGATEWAY	**Communication Gateway for domestic RHI (for Altherma hybrid only)** M-Bus enabled for Daikin remote monitoring cloud using RHEATMETH and RELECMETV Permanant internet connection required via a third party local router	**£385.00**

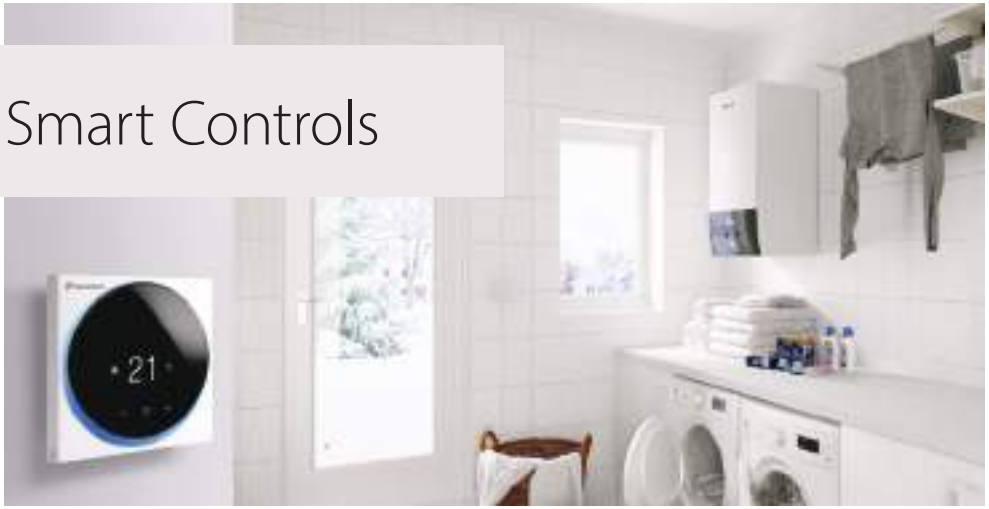
Compatibility Table

	R-32 Hybrid
Wall brackets	
K.CWBXL	✓
K.CWBXLSS	✓
Condensate trays	
K.DT1	✓
K.DT2	✓
Flexi-feet	
K.FF600S	✓
K.FF600ASN	✓
K.DTFB	✓
Flexi-hoses	
K.HOSE500	✓
K.HOSE750	✓
K.HOSE750EL	✓
UK.HOSE300EL	✓
Protective guards	
K.CGM	✓
K.CGFPM	✓
K.CGBPML	✓
K.CGSIDE	
Third party cylinder connection kits	
EKHY3PART	✓
EKUMBPART	✓
EKTH3	✓
EKTH4	✓
Other	
K.SLEEVE	✓
K.HEATMET	✓
K.ELECMETV	✓
K.ELECMETW	✓
RHEATMETH	✓
RELECMETV	✓
RGATEWAY	✓

Notes:

[1] Must be purchased together to enable connection onto pressurised cylinder including Daikin EKHWSU-D3V3

Smart Controls





Madoka for Heating guarantees comfort, intuitively







Available in three attractive colours, Madoka adds style and sophistication to any interior space. Measuring just 85 x 85 mm, Madoka is an extremely compact, wired remote controller.

Madoka combines refinement and simplicity. The intuitive touch button control enlarges the display and makes Madoka both easy and enjoyable to use, changing & viewing room temperature, changing room set-point, checking hot water temperature & boosting hot water.

Increase end-user energy savings even further, thanks to the smart modulating room control. This function ensures a more stable room temperature by lowering or raising the water temperatures depending on room temperature requirements and reducing on/off cycling times.

reddot award 2018 winner

DESIGN AWARD 2018

Daikin Onecta App

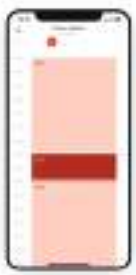
Pair your Madoka with ONECTA app to take control of your Daikin Altherma

- Monitor, adjust and schedule both your space heating and domestic hot water via an easy-to-use smart device app
- Use 'Insights' to review your heat pump energy consumption for both heating & hot water
- Control multiple units at different locations from the single app, including system status and operating mode reporting
- Allows your service provider to remotely access your system for diagnostics - see page 280 for DCS)
- Can also be paired with Daikin Home Controls or UP series sensor for addtional energy saving features

DAIKIN onecta

Download on the App Store

GET IT ON Google Play



Schedule



Monitor



Control

For prices & models see page 281





Smart Control
UP Series

Smart monitoring and control, built into the installation
The Daikin Up Series Sensor brings intelligent monitoring and automated control to Daikin heat pump systems. Installed alongside the heat pump, it tracks whole-house electricity use, giving the system the information it needs to optimise performance automatically. This leads to smarter operation, lower running costs and clearer visibility for end users, all delivered through Onecta as part of a connected, future-ready installation.

Whole-house energy monitoring
The Up Series Sensor measures whole-house electricity consumption in real time to build a clear picture of how energy is used throughout the home. Actual energy use is shown in kWh or £, alongside predicted monthly usage and a daily end-of-month forecast.

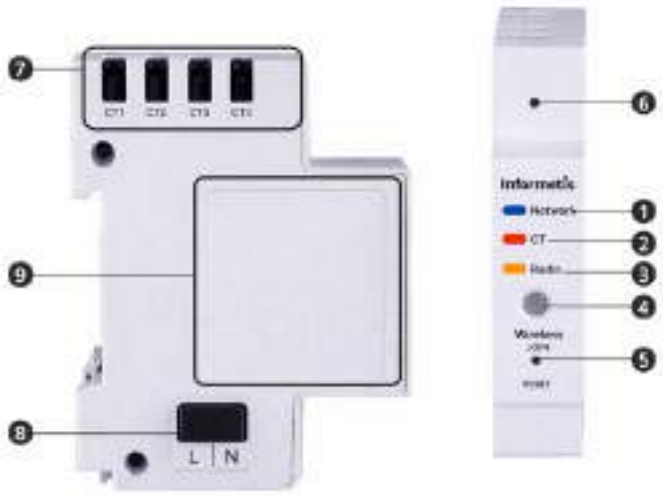
Smarter solar integration
When connected to solar PV, the sensor helps maximise self-consumption by aligning heat pump operation with available generation. Excess solar energy can be directed to space heating, hot water production, or both, reducing reliance on grid electricity and improving overall system efficiency.

Automated energy saving
The Up Series Sensor enables AI-driven energy saving, managing heat pump energy consumption in line with user preferences and predicted usage. It adjusts operation based on occupancy data, scheduled set points and comfort targets, helping control running costs while maintaining comfort.

Temperature flexibility is defined by the selected mode:
Standard mode: up to ±1 °C from the scheduled set point.
Eco mode: up to ±2 °C from the scheduled set point.
Super Eco mode: up to ±3 °C from the scheduled set point.

The service can be overridden at any time using Onecta or the Madoka controller to change desired set-point. The service will also stop if a schedule change occurs.

Up Series Sensor - Overview



EHEM1S3C

Requirements:
- Altherma 3 heat pump
- Madoka room thermostat
- ONECTA account
- UP series sensor

1. NETWORK LED (Blue)
The Network LED indicates the communications status. Under normal operation, the Blue LED light is SOLID ON.

2. CT LED (Red)
The Red LED will be ON when a CT Clamp is connected incorrectly (opposite orientation). Also, this LED will turn ON during "reverse power" flow (eg. solar-power generation).

3. RADIO LED (Orange)
The Orange LED blinks when the WiFi signal strength is weak.

4. WIRELESS JOIN Button
Push this button for 5 seconds minimum to connect to a wireless network using WPS.

5. Reset Switch
This button will reset the sensor to its default factory settings.

6. Setting Switch
No current function in commercial environment.

7. CT Connector
These sockets (CT1, 2, 3, 4) are connecting the CT clamps to CHANNELS 1-4.

8. Wire Removal Button
Press this button to release the power cables to the device. Please remove the rubber cap to access the button.

9. Rating Nameplate

Up Series		
Part Number		**EHEM1S3C**
Trade Unit Price		**P.O.A.**
Wi-Fi Interface	Compliance	IEEE 802.11b/g/n
	Data transmission speed	Up to 65 Mbps
	Frequency band	2.4 GHz (all 13 channels)
	Security	WPS, WPA/WPA2
CT Input		4 circuits
Rating		~100–240V, 50Hz/60Hz 30mA
Power Consumption		Maximum of 3W (average of 1W)
Operating Environment	Temperature	–5 °C~40 °C
	Humidity	45%~85% (non-condensing)
	Indoor use Altitude	2000m or less
Dimensions	mm	17.7 × 81.0 × 66.6
Weight	Gram	60

UP SERIES

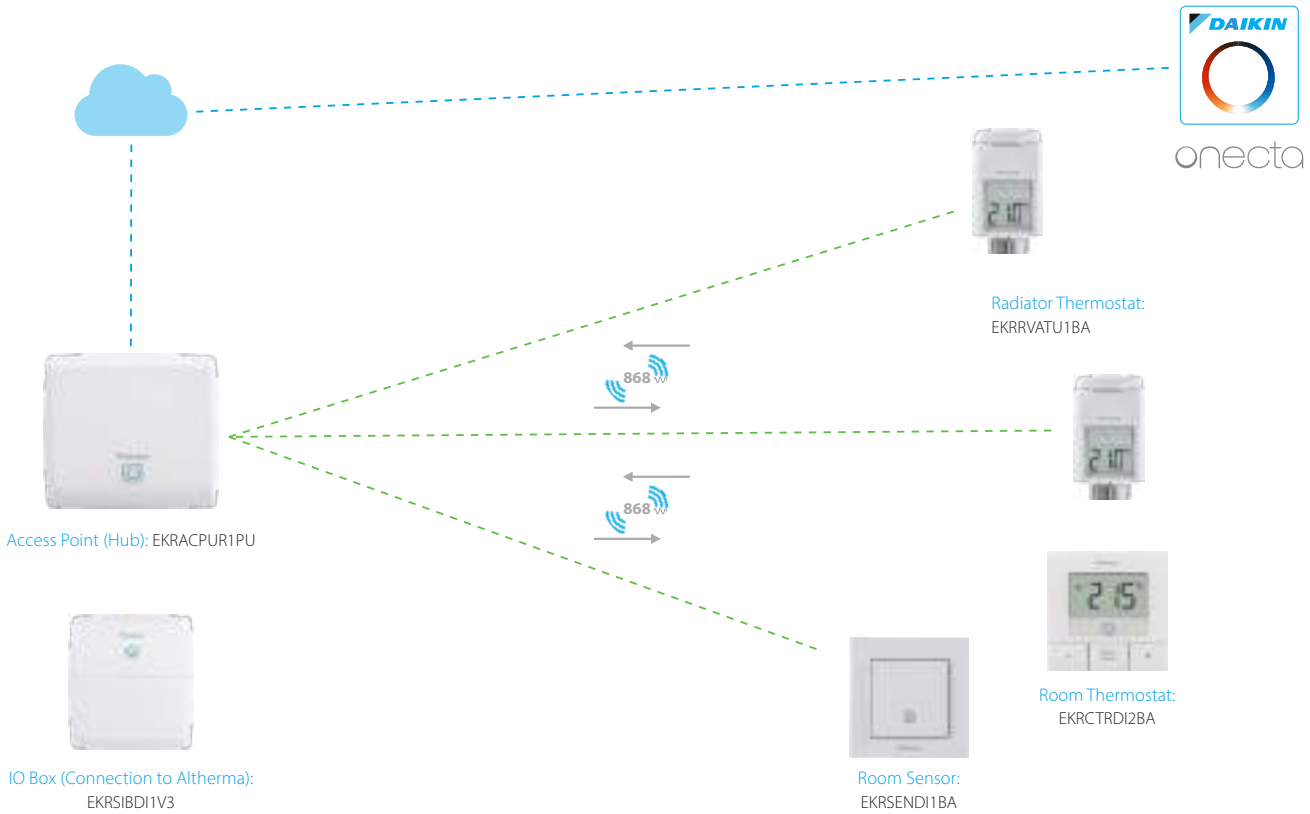
E-CARE

Home Controls

Daikin Home Controls (DHC) helps deliver smart comfort to a Daikin Altherma system. Simply set up & commission via ONECTA, DHC brings individual room settings into the app.

Daikin Home Controls consist of smart digital TRVs and a room thermostat. These are linked to the Heat Pump Interface kit and Access Point (Hub) which will enable the room by room control of your heating system via ONECTA, increasing comfort and efficiency and allowing more accurate control.

Up to 40 Home Controls devices can be connected, suiting properties of up to 25 rooms.



I/O Box Heating Only	
Part Number	**EKRSIBDI1V3**
Trade Unit Price	**£102.00**
Supply voltage	230 V / 50 hz
Dimensions (w x h x d)	120 x 130 x 30 mm
Weight	165 g
Ambient temperature	0 - 50˚C

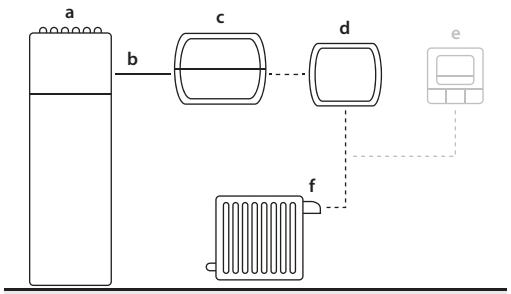
Radiator thermostat	
Part Number	**EKRRVATU1BA**
Trade Unit Price	**£79.00**
Supply voltage	2 x 1,5V AA battery
Battery life	2 years
Dimensions (w x h x d)	58 x 71 x 97 mm
Weight	205 g (incl. batteries)
Connection	M30 x 1.5 mm
Ambient temperature	0 - 50˚C

Access Point (Hub)	
Part Number	**EKRACPUR1PU**
Trade Unit Price	**£74.00**
Power supply	240 V / 50 Hz
Power consumption max.	2,5 W
Standby power consumption	1,1 W
Ambient temperature	5 - 35˚C
Dimensions (w x h x d)	118 x 104 x 26 mm
Weight	153 g

Room sensor	
Part Number	**EKRSENDI1BA**
Trade Unit Price	**£47.00**
Supply voltage	2 x 1,5V AA battery
Battery life	2 years
Dimensions (w x h x d) without / with frame	55 x 55 x 19 mm / 86 x 86 x 20 mm
Weight	85 g (incl. batteries)
Ambient temperature	5 - 35˚C

Online Room Thermostat	
Part Number	**EKRCTRDI2BA**
Trade Unit Price	**£79.00**
Supply voltage	2 x 1,5V AA battery
Battery life	5 years
Dimensions (w x h x d)	85 x 85 x 22 mm
Weight	140 g (incl. batteries)
Ambient temperature	0 - 50˚C

Example of single zone set-up



a Daikin Altherma
b Radiator Demand
c DHC Basic IO Box
d DHC Access Point
e (Optional) DHC Room Thermostat - 1 or 2
f DHC Room Thermostat

DCS (Daikin Cloud Service) Residential

AVAILABLE NOW

DDCS (Daikin Cloud Service) allows installers to remotely access Daikin Altherma systems they have installed & maintained.

Installers can monitor error notifications and change several installer settings for remote support through Stand By Me and e-Care app.

DCS Residential allows installers to supervise the installation across multiple parameters remotely. Installers will receive an automatic notification in case of any errors. By adjusting system settings, installers can immediately improve the end user's comfort, without visiting the site. In addition, emergency settings for continuous operation can be set remotely should the system have a fault.

These new features not only save time for the installer, they also ensure the end user receives an improved level of support.

Benefits for Service Partners

- **Save Time and Money:** Support customers remotely for the majority of their needs, without the need for an onsite visit.
- **First Time Fix:** DCS Residential provides advance knowledge of error codes and product condition data. This means you can visit the customer with the correct spare parts, and solve the problem on the first visit.
- **Loyalty:** Improve your relationship with the customer by providing proactive support. The alarm dashboard will allow you to call the customer to solve issues, before they call you. Plus, the product information helps you to advise customers on how to gain maximum efficiency from their systems.

Benefits for end-users

- Remote support keeps systems running smoothly and reduces time spent waiting for appointments
- Remote faults analysis provides a proactive approach to fixing any errors
- Emergency settings can be activated to provide hot water while a call-out is arranged

To set up:

- Register the installation (including WLAN adaptor serial number) on Stand-by-me
- Ensure your end-user has connected ONECTA to their Daikin Altherma
- Ask your end-user to register their warranty & give monitoring consent

Remote support

Receive error notifications and several installer settings for remote support through the Stand By Me Pro and e-Care app. From the DCS professional portal, installers can activate remote monitoring, allowing supervision of the installation across multiple parameters.



Images above are examples of screens within the DCS platform

Control prices

Madoka



White RAL 9003 (glossy)
BRC1HHDW



Silver RAL 9006 (metallic)
BRC1HHDS



Black RAL 9005 (matt)
BRC1HHDK

Part Number			BRC1HHDS7	BRC1HHDW7	BRC1HHDK7
Trade Unit Price			**£116.00**	**£116.00**	**£116.00**
Casing	Colour		Silver	White	Black
Dimensions	Height x Width x Depth	mm	85 x 85 x 25	85 x 85 x 25	85 x 85 x 25
Weight	Unit	kg	0.11	0.11	0.11
LCD	Type		100 x 150 dots	100 x 150 dots	100 x 150 dots
	Dimensions	mm	40.7 x 28	40.7 x 28	40.7 x 28
	Back light	Colour	White	White	White
Ambient temperature	Operation range	°C	-10 ~ 50	-10 ~ 50	-10 ~ 50
	Relative humidity	%	95	95	95
Wiring connections	Type of wires		Sheathed vinyl cord or cable	Sheathed vinyl cord or cable	Sheathed vinyl cord or cable
	Cable size	mm^2	0.75 - 1.25	0.75 - 1.25	0.75 - 1.25
	Max. wiring length	m	500	500	500

LAN Adaptors







Compatibility Table			LAN Adaptor & SG Card BRP069A61	LAN Adaptor BRP069A62	WLAN Cartridge BRP069A78	WLAN Adaptor 2* BRP069A71
Function	Daikin ONECTA App					
Compatibility	Daikin Altherma 4 HS Class 4-7 (R290)**	EPSKS			✓	
	Daikin Altherma 4 H Class 10-14 (R290)**	EPSK			✓	
	Low Capacity Monobloc Class 4-8 (R-32)**	ED(B)LA-E			✓	✓
	Low Capacity R Split Class 4-8 (R-32)**	ERGA-E			✓	✓
	High Capacity R Split Class 11-16 (R-32)**	ERLA-D			✓	✓
	Low Capacity H HT Class 8-12 (R-32)**	EPRA-E			✓	✓
	High Capacity H HT Class 14-18 (R-32)**	EPRA-D			✓	✓
	Hybrid Monobloc Class 4 (R-32)	EJHA-A	✓	✓		
	High Capacity Monobloc Class 9-16 (R-32)	ED(B)LA-D			✓	✓
Trade Price			**£307.00**	**£199.00**	**£37.00**	**£41.00**

Specification (BRP069A62/71)		
Installation		Indoors
Max. Humidity		95%
Operating Temp.		5 to 35 °C
Connection		LAN via Ethernet Cable
Power Source		P1 / P2 Controller
Height	mm	123
Length	mm	208
Depth	mm	40

Notes:

* A WLAN cartridge (to be plugged into the MMI) is delivered as indoor unit accessory for these products. Alternatively (e.g. in case of weak signal strength), you can install the optional wireless LAN module BRP069A71

** BRP069A78 WLAN Cartridge is supplied with the product

Modbus Gateways



Compatibility and Function Table			Modbus Gateway DCOM-LT/MB	I/O Gateway DCOM-LT/IO
Function	Modbus		✓	
	Sequencer mode			✓
	Voltage control			✓
	Resistance control			✓
	Smart grid			✓
	Output relays			✓
Compatibility	Daikin Altherma Hybrid Monobloc	EJHA-A	✓	✓
	Daikin Altherma 4 HS	EPSKS-A	-	-
	Daikin Altherma 4 H	EPSK-A	-	-
	Daikin Altherma 3 H HT Split	EPRA-D, EPRA-E	✓	✓
	Daikin Altherma 3 Low Capacity Monobloc	ED(B)LA-E	✓	✓
	Daikin Altherma 3 High Capacity Monobloc	ED(B)LA-D	✓	✓
	Daikin Altherma 3 Low Capacity R Split	ERGA-E		
	Daikin Altherma 3 High Capacity R Split	ERLA-D	✓	✓
	Daikin Altherma 3 WS	EGSHA-D	✓	✓
Trade Price			**£329.00**	**£336.00**

Specification		
Installation		Indoor DIN rail
Max. Humidity		90%
Operating Temp.		0 to 55 °C
Power supply		15-24VDC 120mA
Networks		P1/P2
		RS485
		Modbus
Inputs		Resistive: 12VDC, max 20mA
		Voltage: 0-10V, impedance 345kΩ
Outputs		230VAC, 3A resistive
		30VDC, 3A resistive
Height	mm	110
Length	mm	88
Depth	mm	32



Daikin Altherma HPC

Heat pump convector

Heat pump convectors (HPC) can provide both heating and cooling. When used with the Daikin Altherma heat pump, they offer a highly efficient solution.

By providing cooling and heating, Daikin Altherma HPC is combinable with underfloor piping and can replace outdated radiators. The unit is available in three models (floor standing, wall mounted and concealed) and fits in any bedroom or living room thanks to its silent operation.

A heat pump convector creates the same room temperature as a traditional radiator, but with lower water temperatures in the radiator. In the long run, it contributes to direct energy savings for users.

- Optimised for new build houses
- Can be selected at low water temperature (35°C), which makes it ideal for heat pump applications

Due to the growing demand for highly insulated buildings and the extra demand for conditioned (heated or cooled) Fresh Air (FA), some new options have been added to our range of Heat Pump Convectors (HPC) FWXV.

Indoor air quality (IAQ) control through the FWXV is the first step towards a complete integrated and conditioned HVAC system using our FWXV models. It can be controlled room by room.

The new options (damper kit EKFCD80 and wall hung control with IAQ sensor EKWHCTRL1A) for the FWXV offer the following benefits:

- Optimised for new build houses
- Can be selected at low water temperature (35°C), which makes it ideal for heat pump applications







Slim Design

Fast & High Capacity

Discreet

DC Inverter

Wide Choice of Controls

Modular Airflow

reddot winner 2020

FWXV-ATV3(R)

Floor Mounted HPC



Left Configuration				FWXV10ABTV3	FWXV15ABTV3	FWXV20ABTV3
Right Configuration				**FWXV10ABTV3R**	**FWXV15ABTV3R**	**FWXV20ABTV3R**
Function				Heating and Cooling*	Heating and Cooling*	Heating and Cooling*
Heating capacity	at 45/40°C	Max.	kW	2.18	3.11	3.88
	at 35/30°C	Max.	kW	1.14	1.73	2.15
Cooling capacity	at 7/12°C	Max.	kW	1.77	2.89	3.20
Sensible cooling capacity	at 7/12°C	Max.	kW	1.33	2.10	1.78
Power input		Max.	W	20	20	30
Dimensions	Height x Width x Depth		mm	601 x 999 x 135	601 x 1200 x 135	601 x 1400 x 135
Weight			kg	20	23	26
Water Pipe connections			inch	3/4" Male Eurocone	3/4" Male Eurocone	3/4" Male Eurocone
Sound pressure level		Min.	dBA	20	22	23
		Max.	dBA	42	44	46
Operating Range	Heating	Min.	°C	30	30	30
		Max.	°C	85	85	85
	Cooling	Min.	°C	5	5	5
		Max.	°C	18	18	18
Power supply	Phase/Voltage/Frequency			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Running Current		Max.	A	0.2	0.2	0.3
Colour				RAL 9003	RAL 9003	RAL 9003
Trade Price	**Left Configuration**			**£517.00**	**£641.00**	**£730.00**
	Right Configuration			**£517.00**	**£641.00**	**£730.00**

For installation options and accessories please refer to page 284 -285.

FWXT-ATV3(C)(L)

Wall Mounted HPC



Right Configuration				FWXT10ABTV3	FWXT15ABTV3	FWXT20ABTV3
Left Configuration				**FWXT10ABTV3L**	**FWXT15ABTV3L**	**FWXT20ABTV3L**
Right Configuration including IR remote				**FWXT10ABTV3C**	**FWXT15ABTV3C**	**FWXT20ABTV3C**
Left Configuration including IR remote				**FWXT10ABTV3CL**	**FWXT15ABTV3CL**	**FWXT20ABTV3CL**
Function				Heating and Cooling*	Heating and Cooling*	Heating and Cooling*
Heating capacity	at 45/40°C	Max.	kW	1.27	1.80	2.60
	at 35/30°C	Max.	kW	0.66	1.00	1.44
Cooling capacity	at 7/12°C	Max.	kW	1.07	1.65	2.31
Sensible cooling capacity	at 7/12°C	Max.	kW	0.95	1.49	1.94
Power input		Max.	W	10	10	20
Dimensions	Height x Width x Depth		mm	335 x 902 x 128	335 x 1100 x 128	335 x 1300 x 128
Weight			kg	14	16	19
Water Pipe connections			inch	3/4" Male Eurocone	3/4" Male Eurocone	3/4" Male Eurocone
Sound pressure level		Min.	dBA	25	25	26
		Max.	dBA	40	42	43
Operating Range	Heating	Min.	°C	30	30	30
		Max.	°C	85	85	85
	Cooling	Min.	°C	5	5	5
		Max.	°C	18	18	18
Power supply	Phase/Voltage/Frequency			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Running Current		Max.	A	0.2	0.2	0.2
Colour				RAL 9003	RAL 9003	RAL 9003
Trade Price	**Right Configuration**			**£591.00**	**£655.00**	**£710.00**
	Left Configuration			**£591.00**	**£655.00**	**£710.00**
	Right Configuration including IR remote			**£579.00**	**£640.00**	**£703.00**
	Left Configuration including IR remote			**£579.00**	**£640.00**	**£703.00**

For installation options and accessories please refer to page 284 -285.

FWXM-ATV3(R)

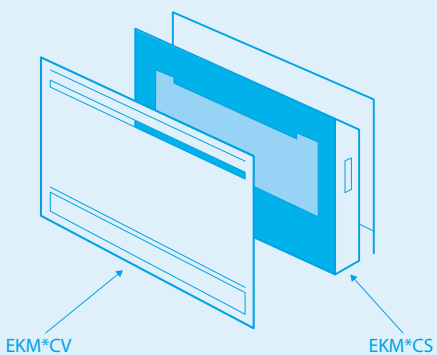
Concealed HPC



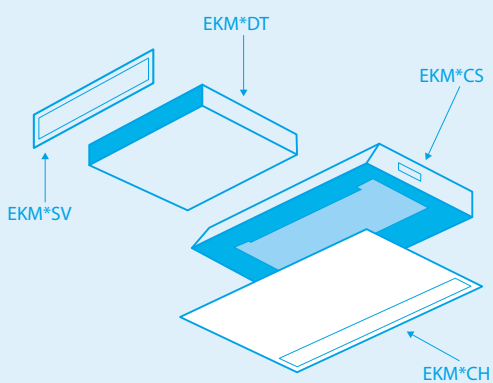
Left Configuration				FWXM10ATV3	FWXM15ATV3	FWXM20ATV3
Right Configuration				**FWXM10ATV3R**	**FWXM15ATV3R**	**FWXM20ATV3R**
Description				Concealed Models	Concealed Models	Concealed Models
Function				Heating and Cooling*	Heating and Cooling*	Heating and Cooling*
Heating capacity	at 45/40°C	Max.	kW	2.18	3.11	3.88
	at 35/30°C	Max.	kW	1.14	1.73	2.15
Cooling capacity	at 7/12°C	Max.	kW	1.77	2.89	3.20
Sensible cooling capacity	at 7/12°C	Max.	kW	1.33	2.10	2.78
Power input		Max.	W	20	20	30
Dimensions	Height x Width x Depth		mm	576 x 725 x 126	576 x 925 x 126	576 x 1125 x 126
Weight			kg	12	15	18
Water Pipe connections			inch	3/4" Male Eurocone	3/4" Male Eurocone	3/4" Male Eurocone
Sound pressure level		Min.	dBA	25	26	26
		Max.	dBA	42	44	46
Operating Range	Heating	Min.	°C	30	30	30
		Max.	°C	85	85	85
	Cooling	Min.	°C	5	5	5
		Max.	°C	18	18	18
Power supply	Phase/Voltage/Frequency			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Running Current		Max.	A	0.2	0.2	0.3
Trade Price	**Left Configuration**			**£348.00**	**£410.00**	**£469.00**
	Right Configuration			**£348.00**	**£410.00**	**£469.00**

* Pricing for core module only - refer to the accessory page 285 for full panel customisation

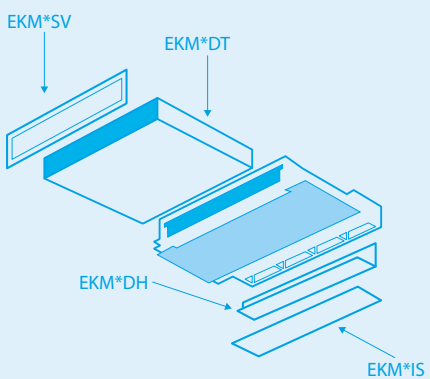
Installation: Options



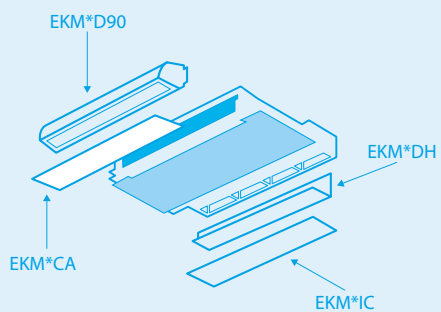
TYPE A
Vertical, in wall.



TYPE B
Horizontal, in ceiling. Console installation with full metal cover.



TYPE C
Horizontal, in ceiling. Console installation with intake grill.



TYPE D
Horizontal, in ceiling. Flat installation with intake grill.

HPC Accessories

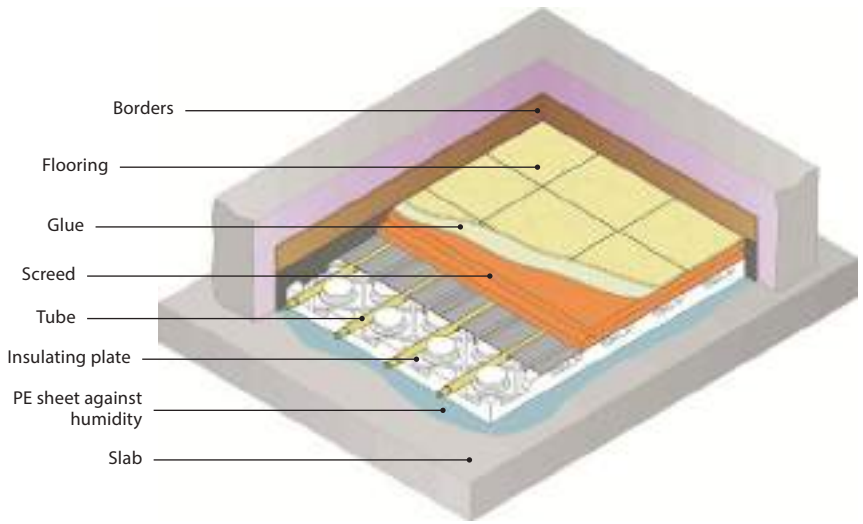
		EKRTCTRL1	EKRTCTRL2	EKPCBO	EKWHCTRL1	EKWHCTRL1A	EKFCD80	EKWHCTRL0	EKPCB4S	EKPCB10	EKFA	EK2VK0	EKT2VK0	EK3VK1	EKT3VK1	EKEUR90	EKDIST	EKM10COH	EKM15COH	EKM20COH	EKM10CS	EKM15CS	EKM20CS	EKM10CH	EKM15CH	EKM20CH
Concealed	FWXM10ATV3(R)			●	●			●	●	●		●		●		●	●				●			●		
	FWXM15ATV3(R)			●	●			●	●	●		●		●		●	●					●			●	
	FWXM20ATV3(R)			●	●			●	●	●		●		●		●	●						●			●
Floor	FWXV10ABTV3(R)	●	●	●	●	●	●	●	●	●	●	●		●		●	●	●								
	FWXV15ABTV3(R)	●	●	●	●	●	●	●	●	●	●	●		●		●	●		●							
	FWXV20ABTV3(R)	●	●	●	●	●	●	●	●	●	●	●		●		●	●			●						
Wall Mounted	FWXT10ABTV3(L)				●			●					●		●												
	FWXT15ABTV3(L)				●			●					●		●												
	FWXT20ABTV3(L)				●			●					●		●												
	FWXT10ABTV3C(L)												●		●												
	FWXT15ABTV3C(L)												●		●												
	FWXT20ABTV3C(L)												●		●												
Trade Price		**£152.00**	**£116.00**	**£68.00**	**£88.00**	**£133.00**	**£62.00**	**£116.00**	**£50.00**	**£50.00**	**£68.00**	**£116.00**	**£106.00**	**£144.00**	**£134.00**	**£13.00**	**£13.00**	**£39.00**	**£44.00**	**£60.00**	**£86.00**	**£100.00**	**£106.00**	**£190.00**	**£218.00**	**£235.00**

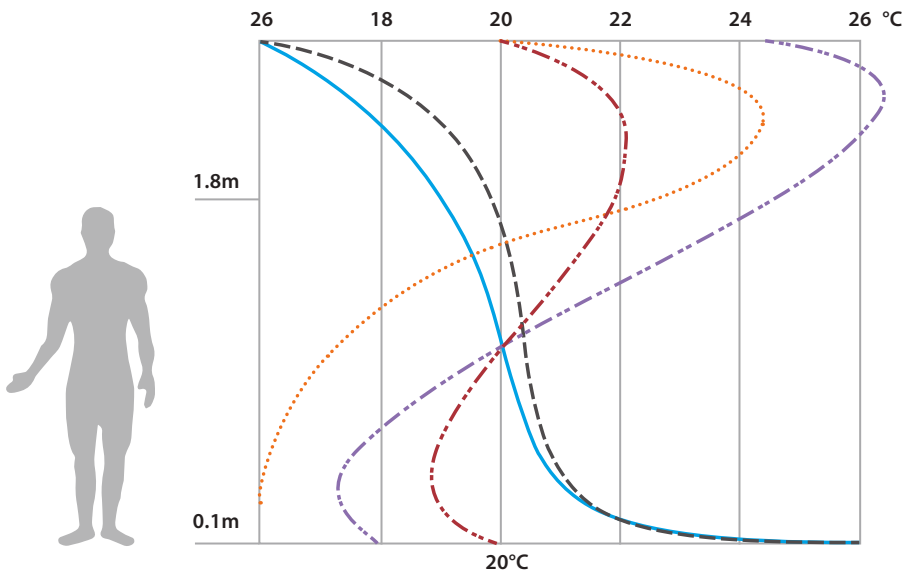
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Concealed	FWXM10ATV3(R)	●			●			●			●			●			●			●			●		
	FWXM15ATV3(R)		●			●			●			●			●			●			●				●	
	FWXM20ATV3(R)			●			●			●			●			●			●			●				●
Floor	FWXV10ABTV3(R)																									
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Wall Mounted	FWXT10ABTV3(L)																									
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	FWXT20ABTV3(L)																									
	FWXT10ABTV3C(L)																									
	FWXT15ABTV3C(L)																									
	FWXT20ABTV3C(L)																									
Trade Price		**£190.00**	**£218.00**	**£235.00**	**£37.00**	**£39.00**	**£47.00**	**£37.00**	**£44.00**	**£47.00**	**£85.00**	**£100.00**	**£116.00**	**£100.00**	**£116.00**	**£134.00**	**£116.00**	**£145.00**	**£173.00**	**£81.00**	**£86.00**	**£100.00**	**£71.00**	**£81.00**	**£86.00**

Underfloor Heating

By using underfloor heating as a heat emitter, heat is released into the space via a network of tubes. The tubes or underfloor heating pipes are embedded in the concrete slab. Hot water is supplied through these tubes or pipes, which will emit heat and heat the space. Water is typically heated by a heat generator such as ASHP or a boiler.







Underfloor heating has several advantages to offer the user. For a start, it is energy efficient, as the required leaving water temperature is much lower compared to other types of heat emitters. It is also comfortable for the user. The heat is uniformly produced throughout the space and is distributed vertically right from the bottom of the room, which means no cold feet. Underfloor heating is quiet in operation and aesthetically pleasing. In addition to this, UFH saves plenty of space as it replaces large fan coils or radiators.

Manifolds

RMX manifold (plastic): RMX heating circuit manifold, for underfloor heating systems and radiators. Suitable for the smallest fitting heights. Buy clamping ring sets separately to suit pipe.

	Description	Quantity per pack	Part number	Trade Price
	Manifold RMX 2-port	1	ECOLLECTRMX2A	**£128.00**
	Manifold RMX 3-port	1	ECOLLECTRMX3A	**£150.00**
	Manifold RMX 4-port	1	ECOLLECTRMX4A	**£181.00**
	Manifold RMX 5-port	1	ECOLLECTRMX5A	**£204.00**
	Manifold RMX 6-port	1	ECOLLECTRMX6A	**£234.00**
	Manifold RMX 7-port	1	ECOLLECTRMX7A	**£258.00**
	Manifold RMX 8-port	1	ECOLLECTRMX8A	**£281.00**
	Manifold RMX 9-port	1	ECOLLECTRMX9A	**£309.00**
	Manifold RMX 10-port	1	ECOLLECTRMX10A	**£342.00**
	Manifold RMX 11-port	1	ECOLLECTRMX11A	**£385.00**
	Manifold RMX 12-port	1	ECOLLECTRMX12A	**£417.00**
	**RMX actutator (230V)** Actuator for RMX manifold and kombi box	1	EKWCVATR1V3	**£14.00**
	**Extension Set for Manifold** One-zone extension	1	EXTENSIONZONEA	**£32.00**
Clamping ring set on RMX heating circuit manifold for flow and return per heating circuit				
	RMX connection set ring Monopex 14 x 2	2	ESERIMOPX14A	**£7.00**
	RMX connection set DUO17	2	ESERIMOPXDU17A	**£8.00**
	RMX connection set Monopex 17	2	ESERIMOPX17A	**£7.00**
	RMX connection set DUO25	2	ESERIMOPXDU25A	**£7.00**
	RMX connection set Monopex 20	2	ESERIMOPX20A	**£7.00**
	RMX manifold isolating valves 1″	2	ESHUTOFVALVEA	**£30.00**

RMV manifold (stainless steel)

	Description	Quantity per pack	Part number	Trade Price
	Manifold RMV 2-port	1	ECOLLECTRMV2A	**£162.00**
	Manifold RMV 3-port	1	ECOLLECTRMV3A	**£186.00**
	Manifold RMV 4-port	1	ECOLLECTRMV4A	**£227.00**
	Manifold RMV 5-port	1	ECOLLECTRMV5A	**£254.00**
	Manifold RMV 6-port	1	ECOLLECTRMV6A	**£293.00**
	Manifold RMV 7-port	1	ECOLLECTRMV7A	**£322.00**
	Manifold RMV 8-port	1	ECOLLECTRMV8A	**£352.00**
	Manifold RMV 9-port	1	ECOLLECTRMV9A	**£390.00**
	Manifold RMV 10-port	1	ECOLLECTRMV10A	**£428.00**
	Manifold RMV 11-port	1	ECOLLECTRMV11A	**£483.00**
	Manifold RMV 12-port	1	ECOLLECTRMV12A	**£522.00**

Manifold Accessories

	Description	Quantity per pack	Part number	Trade Price
	Coupling nipple (3/4″) for combination with 1703** clamping ring sets	2	ECLUTCHNIPSKUA	**£8.00**
	Connection nipple (3/4″ PEX x 1/2″ male) for combination with 1703** clamping ring sets	2	EAIPEXCOUPLINA	**£6.00**
	**On-wall Manifold cabinet up to 7-port**	1	EOWHV7RX7RV6A	**£168.00**
	On-wall Manifold cabinet up to 10-port	1	EOWH10RX10R9A	**£181.00**
	ON-wall Manifold cabinet up to 14-port	1	EOWH14RX14R12A	**£213.00**

Underfloor Heating System

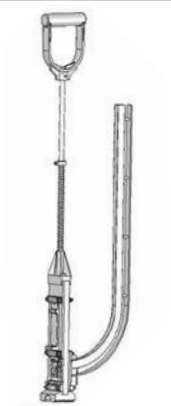
Underfloor Heating Pipes

Monopex heating pipes: Thick-walled, linked basic PE-X pipe with oxygen-tight barrier for Monopex low temperature underfloor heating systems.

	Description	Length	Part number	Trade Price
	**Monopex 14 PE-X 14 x 2 OD** For Monopex underfloor heating system	120m	EMOPX14120A	**£79.00**
	**Monopex 17 PE-X 17 x 2 OD** For Monopex underfloor heating system	120m	EMOPX17120A	**£181.00**
		240m	EMOPX17240A	**£361.00**

Underfloor Heating System

Insulating Strips and Installation Accessories

	Description	Quantity per pack	Part number	Trade Price
	**Tacker gun** Tacker gun for 60mm pipe staples. The tacker gun can be used to secure pipe directly to floor insulation	1	ESYSTACERSTACA	**£414.00**
	**Pipe staples** 60mm pipe staples for use with tacker gun (171134) and high density insulation with DPM	300	ETACKERNAIL60A	**£32.00**

	Description	Quantity per pack	Part number	Trade Price
	**Edging strip** For cement or anhydrite screed. PE foam with welded foil, height 150mm, 8mm thick	25m	ESIDESTRIPRDSA	**£15.00**
	**Pipe bend** This is recommended to facilitate the bend of the pipe up-to the manifold	10	EPIPEBEND1418A For Ø 14-18mm	**£16.00**
			EPIPEBEND2022A For Ø 20-22mm	**£20.00**
	**Protect Integral system for floor (Egg Crate floor panel)** For cement or anhydrite screed. PE foam with welded foil, height 150mm, 8mm thick	1	EPROTECT11A 1pc = 14.56m²	**£126.00**

Underfloor Heating System

Underfloor Heating Room Controls - Basic Range

Note: Cannot be combined with advanced range (see page 289)

	Description	Quantity per pack	Part number	Trade Price
	**Wired Thermostat (digital)** Digital room thermostat with back-lit display (230V)	1	EKWCTRDI1V3	**£62.00**
	**Wired Thermostat (analog)** Analog room thermostat with dial (230V)	1	EKWCTRAN1V3	**£36.00**

Wiring Centre Basic Range

Note: Cannot be combined with advanced range (see opposite)

	Description	Quantity per pack	Part number	Trade Price
	**Basic range wiring centre** - Maximum 10 zones and 18 loop actuators - Heating and cooling changeover input - External setback input - Pump/demand interlock relay - Din rail or wall mountable	1	EKWUFHTA1V3	**£127.00**

Underfloor Heating System

Underfloor Heating Room Controls - Advanced Range

Modern aesthetics, easy to install and greater user comfort

Note: Cannot be combined with basic range (see page 288 and above)

	Description	Quantity per pack	Part number	Trade Price
	**Room thermostat (wired)** - Electronic room temperature control (5V) - Adjustment range 5-26°C - Display of heating and cooling mode (red and blue LED)	1	EKW175139	**£30.00**

Wiring Centres and Accessories - Advanced Range

Modern aesthetics, easy to install and greater user comfort

Note: Cannot be combined with basic range (see opposite)

	Description	Quantity per pack	Part number	Trade Price
	**Wiring centre** - 6 channels - 4 actuators (230 V) per channel - Automatic heating/cooling switchover DIN rail field supplied	1	EKW175140	**£190.00**
	**Wiring centre** - 2 channels - 4 actuators (230 V) per channel - Automatic heating/cooling switchover DIN rail field supplied	1	EKW175141	**£93.00**
	**Wiring centre power module** To supply power to the wiring centres, including: - Pump input/output for heating and cooling DIN rail field supplied	1	EKW175137	**£175.00**
	**Wiring centre clock module** - Removable clock module - 2 setback timers for heating circuits Note: To be combined with the wiring centre power module	1	EKW175138	**£93.00**

Warranties

Summary of cover **when Activated on Stand By Me within the first 24 months from date of commissioning:**

	2 YEARS	5 YEARS	7 YEARS
Warranty:	**Standard Manufacturer's Warranty** • Free of Charge on activation • 2 Year total Period from point of commissioning	**Warranty Extension Free of Charge Option** • Free of Charge on activation • 5 Year total Period from point of commissioning	**Warranty Extension with Charge** • Payable on activation to cover years 6 & 7 • 7 Year total Period from Point of commissioning
Available in Stand By Me when installed by:	• Sustainable Home Expert • Sustainable Home Installer • D1+ Premium Partner • D1 Business Partner • Ci Installer • Any other Installer without a Daikin Partner status	• Sustainable Home Expert • Sustainable Home Installer • D1+ Premium Partner • D1 Business Partner • Ci Installer • Any other Installer without a Daikin Partner status	Only available in Stand By Me when installed by: • Sustainable Home Expert • D1+ Premium Partner • D1 Partner
Warranty Activation:	Please Activate your warranty on Stand By Me (you have max 2 years from point of commissioning to activate your Manufactures warranty and also benefit from further extended warranty options available)	This option is only available when activated on Stand By Me within the first 2 years from point of commissioning	This option is only available when activated on Stand By Me within the first 2 years from point of commissioning
In case of an Issue:	Please contact your installer if your residential end user warranty has not been activated on Stand By Me or contact Daikin UK directly for active warranties with the fault code	With an activated warranty extension please contact Daikin UK directly with the fault code	With an activated warranty extension please contact Daikin UK directly with the fault code
End User Charges:	Provided the call out or repair relates to a product issue (not an installation or other site issue), then no call out or repair charges would apply for parts & labour related to the covered products. Any specialist access equipment required to carry out maintenance or repair would be chargeable	Provided the call out or repair relates to a product issue (not an installation or other site issue), then no call out or repair charges would apply for parts & labour related to the covered products. Any specialist access equipment required to carry out maintenance or repair would be chargeable	Provided the call out or repair relates to a product issue (not an installation or other site issue), then no call out or repair charges would apply for parts & labour related to the covered products. Any specialist access equipment required to carry out maintenance or repair would be chargeable
Maintenance (Chargeable):	It is your responsibility to ensure you have a maintenance contract in place with either Daikin or your preferred service provider. An annual maintenance must be carried out (and proof may be requested if this service is not provided by Daikin directly). Warranty will be void and any visits or repair work will be chargeable if maintenance proof is not provided when requested		
What your Installer should do:	**Installation & product details must be registered by the installer on Stand By Me & commissioning documents uploaded before the residential end user warranty can be activated.** Products should be registered within 90 days of commissioning by the installer to ensure that Daikin UK can seamlessly support any warranty claims.		

If the installer (or another non Daikin company) is also the maintenance provider, they must provide proof of the maintenance activity carried out for all years to ensure this can be produced by you (the residential end user).

Applied

Daikin Heat Pumps and Chillers	292
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Daikin Service for Applied Products	328

Save energy with **Daikin 'Total Inverter Solutions'**



INVERTER



INVERTER



INVERTER



Whatever your needs in climate control or process applications, Daikin's range of heat pumps and chillers provide a solution, from factories and warehouses to hotels and department stores, and even district heating/ cooling for residential applications.

Daikin Heat Pumps and Chillers

Daikin's ranges of air-cooled and water-cooled heat pumps and chillers are designed to suit most applications – large or small – offering the ultimate in flexibility and control. The unique combination of advanced technology, experience and reliability make Daikin the ideal choice.

Daikin chillers have nominal cooling capacities of 16kW to 2,148kW (air-cooled) or 13kW to 2,173kW (water-cooled).

Worldwide experience

As a global leader in HVAC solutions, Daikin has the world's most advanced facilities in air conditioning research and development. This means we can manufacture all main chiller components (compressors, fans, condenser coils, software) in-house.

Highest efficiency

Using the latest technology, Daikin achieves industry-leading efficiency and energy-saving operation for outstanding cost-saving performance.

- Lowest total cost of ownership
- Fast payback time
- Environment-friendly solutions

Quality and reliability

- Zero defect policy ensures quality of components and finished products
- All heat pumps and chillers are factory run and subjected to quality audit before shipment
- Eurovent and AHRI certification

Air Source Heat Pumps/Chillers - CZ Series

The Small Inverter chiller (SIC) series is able to cover a wide range of applications for Replacement and New Building, both for Residential and Light Commercial installations, with Comfort Heating, Cooling and Domestic Hot Water generation. With multiple choice of refrigerants (R-32/R-454C and R290) across the series enables installations across a wide range of applications from budget sensitive to high temperature applications for boiler replacement applications and decarbonisation projects.

Outdoor installation

Daikin Tubes and fins (Cu/Al coil)

Daikin VFD scroll

Daikin EC Fans

Integrated VFD Pump

EWA(Y)T-CZ Series R-32

Utilising R-32, the EWA(Y)T series offers a cost effective solution for cooling and Medium temperature heating applications. Able to provide water up to 55°C. The R-32 Small Inverter Chiller and Heat pump is the most cost-effective solution optimized both for Comfort Cooling and Heating for Low and Medium temperature applications.

OPERATING RANGE

	Min	Max
Heating water	20°C	55°C
Ambient temperature OAT	-20°C	45°C



EWYE-CZ Series R-454C

Utilising R-454C, the EWYE series offers a low GWP solution for medium and high temperature heating and domestic hot water applications. The R-454C Small Inverter Heat pump although reversible and able to provide chilled water, is optimized for Heating operation with it's ability to provide water up to 70°C this product is ideal for Residential and Light commercial applications requiring Comfort Heating and Domestic Hot Water.

OPERATING RANGE

	Min	Max
Heating water	20°C	70°C
Ambient temperature OAT	-25°C	45°C



NEW EWA(Y)K-CZ Series R-290

Utilising R-290 natural refrigerant the EWA(Y)K series offers a premium solution for medium and high temperature heating and domestic hot water applications. The R290 Small Inverter Chiller and Heat Pump is optimised for both cooling and heating operation, with it's ability to provide hot water up to 75°C this product ideal for Residential and Light commercial applications requiring Comfort Heating and Domestic Hot Water.

OPERATING RANGE

	Min	Max
Heating water	20°C	75°C
Ambient temperature OAT	-20°C	45°C



Product Overview

Air Source Heat Pumps and Air Cooled Chillers

Mini chillers and mini air source heat pumps

Ideal for residential applications, Daikin mini chillers and reversible air source mini heat pumps dispatched from stock are equipped with an inverter controlled swing or scroll compressor allowing a smooth, more reliable and energy efficient operation with low noise levels.

Scroll chillers and air source heat pumps

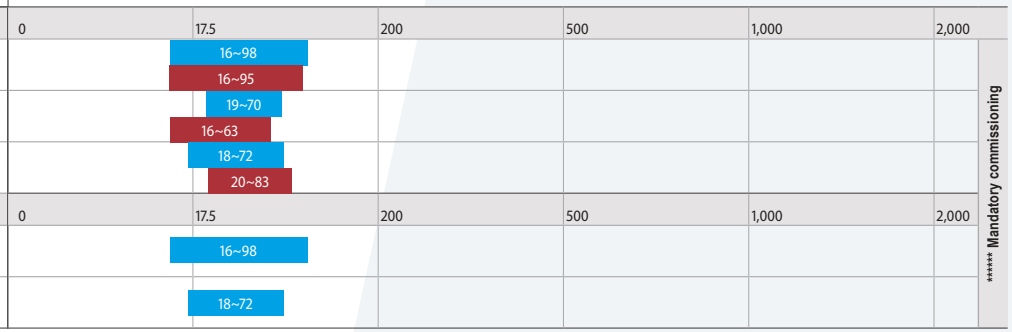
Daikin's stock chillers and reversible air source heat pumps with inverter controlled scroll compressors are designed for heating and cooling of commercial buildings. Our wide range of models are well placed to meet the air conditioning needs of small to medium building's.

Ecodesign

Air cooled Applied products indicated are Ecodesign Lot 1 compliant (Heat pumps below 400kW valid from 25 September 2017) or Lot 21-Tier 2 compliant (Chillers below 2MW valid from 01 January 2021).

		Refrigerant type	Refrigerant circuits	Inverter	Free cooling	Compressor: Swing	Compressor: Scroll	Compressor: Screw	Heat exchanger: Water heat exchanger ***	Heat exchanger: Outdoor heat exchanger ****	Efficiency version: Standard	Efficiency version: High	Efficiency version: Premium	Sound version: Standard	Sound version: Low **	Sound version: Reduced	Ecodesign Compliance *****	Leaving water temperature range possibilities in cooling and heating (°C)
Heat pump																		
EWYT~CZ		R-32	1-2	●			●		● BPHE	● Cu/Al	●	●		●			HP	-15~20 / 20~55
EWYE~CZ		R-454C	1-2	●			●		● BPHE	● Cu/Al	●	●		●			HP	-15~20 / 20~70
EWYK~CZ NEW		R-290	1-2	●			●		● BPHE	● Cu/Al	●	●		●			HP	-15~20 / 20~75
Cooling only																		
EWAT~CZ		R-32	1-2	●			●		● BPHE	● Cu/Al	●	●		●			C&P	-15~25
EWAK~CZ NEW		R-290	1-2	●			●		● BPHE	● Cu/Al	●	●		●			C&P	-15~20

Cooling capacity (kW) : Heating capacity (kW)



R-32 BLUEVOLUTION

EWYT~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Features:

- R-32 refrigerant product with GWP of 675 reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- As a single component refrigerant, R-32 is also easier to recycle and reuse
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Available in air cooled cooling only and air source heat pump versions
- Possibility for 60°C Condenser Leaving Water Temperature
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New modern casing design
- Possibility for inverter drive on-board hydronic pump in standard or high lift
- Possibility to include Partial Heat Recovery option
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

			Single Circuit Models									
Model			**EWYT016CZNBA1**		**EWYT021CZNBA1**		**EWYT025CZNBA1**		**EWYT032CZNBA1**		**EWYT040CZNBA1**	
Operating Mode			**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**
Cooling capacity (ii)	Nom./Max.	kW	15.87	18.30	20.87	25.00	25.57	29.30	32.38	38.60	39.58	45.20
Power input (ii)	Nominal Cooling	kW	5.5	6.8	6.6	8.5	8.5	10.7	9.3	13.5	12.4	16.7
Heating capacity (iii)	Nom./Max.	kW	15.87	18.29	20.87	24.29	25.57	28.67	32.38	36.50	39.58	44.72
Power input (iii)	Nominal Heating	kW	5.5	6.8	6.6	8.5	8.5	10.7	9.3	13.5	12.4	16.7
Capacity control	Method		Variable (Inverter)									
	Minimum capacity	%	%		14		12		19		15	
EER (ii)	Nominal		2.90	2.69	3.16	2.94	3.00	2.74	3.13	2.87	2.95	2.71
SEER (ii)	EN14825 (Fan coil application)		5.00		5.00		5.06		5.21		5.09	
COP (iii)	Nominal		3.41		3.45		3.33		3.45		3.33	
SCOP (iii)	EN14825 (Low temp. heat pump)		3.89		4.00		4.07		4.06		4.07	
Dimensions	Height x Width x Depth	mm	1878 x 1152 x 810						1878 x 1753 x 810			
Unit weight		kg	280		280		280		424		424	
Operating weight		kg	281		282		282		426		426	
Water heat exchanger	Type		Brazed plate									
Water flow rate	Nominal Cooling	l/s	0.76	0.90	1.00	1.20	1.22	1.40	1.55	1.80	1.89	2.20
	Nominal Heating	l/s	0.76	0.87	0.97	1.16	1.19	1.37	1.55	1.74	1.88	2.14
Water pressure drop	Nominal Cooling	kPa	19.8	25.5	11.3	15.6	16.3	20.7	19.2	26.3	27.6	35.0
	Nominal Heating	kPa	19.6	25.3	10.6	14.7	15.4	19.8	19.1	23.7	27.1	34.1
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger									
Compressor	Type		Hermetically Sealed Scroll Compressor									
	Quantity				1		1		1		1	
Fan	Type		Axial/VFD									
	Quantity		1		1		1		2		2	
	Total Air Flow	l/s	3228		3122		3524		5080		6701	
Sound power level	Nominal Cooling	dBA	76		76		78		79		80	
Sound pressure level @ 1m	Nominal Cooling	dBA	60		60		62		62		63	
Refrigerant	Type/GWP		R-32/675									
	Total charge	kg	3.0		5.5		5.5		7.0		8.0	
	Quantity of circuits		1		1		1		1		1	
Piping connections	Evaporator water inlet/outlet (OD)	mm	1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)	
Electrical data	Running Current - Cooling Nom.	A	13.8	15.0	15.5	18.0	18.1	21.0	25.3	29.0	28.6	32.0
	Running current Max	A	18.8	19.0	23.1	23.0	25.8	26.0	37.4	37.0	41.8	42.0
	Voltage / Phase / Frequency	V/Ph/Hz	400/3/50									

Pricing Options

Model		**EWYT016CZNBA1**	**EWYT021CZNBA1**	**EWYT025CZNBA1**	**EWYT032CZNBA1**	**EWYT040CZNBA1**
Base Unit + Op.191 (Evaporator Trace Heater)		**£8,924.00**	**£10,340.00**	**£11,662.00**	**£13,538.00**	**£16,059.00**
Model		**EWYT016CZPBA1**	**EWYT021CZPBA1**	**EWYT025CZPBA1**	**EWYT032CZPBA1**	**EWYT040CZPBA1**
Base Unit + Low Head Pump + Op.191 (Evaporator Trace Heater)		**£9,741.00**	**£11,452.00**	**£12,786.00**	**£14,923.00**	**£17,770.00**
Available Pump Head @ Nominal Flow Rate	kPa	240	230	200	180	160
Model		**EWYT016CZHBA1**	**EWYT021CZHBA1**	**EWYT025CZHBA1**	**EWYT032CZHBA1**	**EWYT040CZHBA1**
Base Unit + High Head Pump + Op.191 (Evaporator Trace Heater)		**£10,186.00**	**£11,785.00**	**£13,087.00**	**£15,170.00**	**£18,440.00**
Available Pump Head @ Nominal Flow Rate	kPa	470	460	420	400	370
Model		**EWYT016CZNCA1**	**EWYT021CZNCA1**	**EWYT025CZNCA1**	**EWYT032CZNCA1**	**EWYT040CZNCA1**
Base Unit + Op.218 (Partial Heat Recovery)		**£9,101.00**	**£10,520.00**	**£11,842.00**	**£13,808.00**	**£16,330.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	3.1	4.1	5.0	6.3	7.7
Model		**EWYT016CZPCA1**	**EWYT021CZPCA1**	**EWYT025CZPCA1**	**EWYT032CZPCA1**	**EWYT040CZPCA1**
Base Unit + Low Head Pump + Op.218 (Partial Heat Recovery)		**£9,919.00**	**£11,632.00**	**£12,967.00**	**£15,194.00**	**£18,040.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	3.1	4.1	5.0	6.3	7.7
Model		**EWYT016CZHCA1**	**EWYT021CZHCA1**	**EWYT025CZHCA1**	**EWYT032CZHCA1**	**EWYT040CZHCA1**
Base Unit + High Head Pump + Op.218 (Partial Heat Recovery)		**£10,364.00**	**£11,966.00**	**£13,267.00**	**£15,440.00**	**£18,710.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	3.1	4.1	5.0	6.3	7.7

R-32 BLUEVOLUTION

EWYT~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) EWYT-CZ series can operate in cooling down to ambient temperatures of -15°C as standard

iv) The EWYT064 & 090 do not include offloading to kerbside with tail lift. Additional costs for delivery with a Hi-Ab are available on request

v) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with pricing detailed on page 328

Accessories:

Accessory Ref	Description	List Price
EKRSCTMS	Temperature sensor for master/slave configuration	£63.00
EKRSCTDH	Tank temperature sensor for DHW application	£246.00
EKRSCIO	IO Extension for VPF, domestic hot water, demand limit, setpoint reset, low noise	£180.00
EKRSCIOH	IO Eextension for heating applications (Bivalent Operation & WS Collective Housing)	£583.00
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	£237.00
EKRSCSM	DoS Router c/w Antenna Excluding Data SIM	£378.00
EKRSCDP	Differential Pressure Transducer for VPF	£1,126.00

			Dual Circuit Models							
Model			**EWYT040CZNBA2**		**EWYT050CZNBA2**		**EWYT064CZNBA2**		**EWYT090CZNBA2**	
Operating Mode			**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**
Cooling capacity (ii)	Nom./Max.	kW	41.37	49.60	50.75	58.20	63.95	72.70	88.26	98.30
Power input (ii)	Nominal Cooling	kW	13.2	17.3	17.0	21.3	21.8	27.4	31.0	38.2
Heating capacity (iii)	Nom./Max.	kW	41.37	48.73	50.75	57.26	63.95	69.24	88.26	94.63
Power input (iii)	Nominal Heating	kW	13.2	17.3	17.0	21.3	21.8	27.4	31.0	38.2
Capacity control	Method		Variable (Inverter)							
	Minimum capacity	%	14		12		15		14	
EER (ii)	Nominal		3.12	2.87	2.98	2.73	2.93	2.65	2.84	2.57
SEER (ii)	EN14825 (Fan coil application)		5.41		5.33		5.21		5.03	
COP (iii)	Nominal		3.38		3.23		3.23		3.16	
SCOP (iii)	EN14825 (Low temp. heat pump)		4.02		4.00		3.98		4.00	
Dimensions	Height x Width x Depth	mm	1878 x 2304 x 810				1878 x 2905 x 810		1878 x 3506 x 810	
Unit weight		kg	560		560		704		848	
Operating weight		kg	565		565		709		856	
Water heat exchanger	Type		Brazed plate							
Water flow rate	Nominal Cooling	l/s	1.97	2.40	2.42	2.80	3.05	3.50	4.21	4.70
	Nominal Heating	l/s	1.93	2.33	2.38	2.74	2.96	3.31	4.10	4.52
Water pressure drop	Nominal Cooling	kPa	9.9	13.7	14.3	18.3	21.7	27.4	20.1	24.4
	Nominal Heating	kPa	9.4	13.3	13.8	17.7	20.4	24.9	19.1	22.6
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger							
Compressor	Type		Hermetically Sealed Scroll Compressor							
	Quantity		2		2		2		2	
Fan	Type		Axial/VFD							
	Quantity		2		2		3		4	
	Total Air Flow	l/s	5444		7048		8967		13402	
Sound power level	Nominal Cooling	dBA	80		81		83		85	
Sound pressure level @ 1m	Nominal Cooling	dBA	63		64		65		67	
Refrigerant	Type/GWP		R-32/675							
	Total charge	kg	12.0		12.0		13.0		16.0	
	Quantity of circuits		2		2		2		2	
Piping connections	Evaporator water inlet/outlet (OD)	mm	2" (Female)		2" (Female)		2" (Female)		2" (Female)	
Electrical data	Running Current - Cooling Nom.	A	29.5	34.0	34.2	40.0	45.8	53.0	61.7	70.0
	Running current Max	A	45.2	45.0	50.7	51.0	66.7	67.0	91.4	91.0
	Voltage / Phase / Frequency	V/Ph/Hz	400/3/50							

Pricing Options

Model		**EWYT040CZNBA2**	**EWYT050CZNBA2**	**EWYT064CZNBA2**	**EWYT090CZNBA2**
Base Unit + Op.191 (Evaporator Trace Heater)		**£18,542.00**	**£20,267.00**	**£23,595.00**	**£29,762.00**
Model		**EWYT040CZPBA2**	**EWYT050CZPBA2**	**EWYT064CZPBA2**	**EWYT090CZPBA2**
Base Unit + Low Head Pump + Op.191 (Evaporator Trace Heater)		**£20,186.00**	**£22,179.00**	**£25,611.00**	**£33,670.00**
Available Pump Head @ Nominal Flow Rate	kPa	190	160	210	170
Model		**EWYT040CZHBA2**	**EWYT050CZHBA2**	**EWYT064CZHBA2**	**EWYT090CZHBA2**
Base Unit + High Head Pump + Op.191 (Evaporator Trace Heater)		**£20,733.00**	**£22,690.00**	**£26,083.00**	**£34,148.00**
Available Pump Head @ Nominal Flow Rate	kPa	400	360	325	280
Model		**EWYT040CZNCA2**	**EWYT050CZNCA2**	**EWYT064CZNCA2**	**EWYT090CZNCA2**
Base Unit + Op.218 (Partial Heat Recovery)		**£19,221.00**	**£20,947.00**	**£24,391.00**	**£30,652.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	8.1	9.9	12.6	17.4
Model		**EWYT040CZPCA2**	**EWYT050CZPCA2**	**EWYT064CZPCA2**	**EWYT090CZPCA2**
Base Unit + Low Head Pump + Op.218 (Partial Heat Recovery)		**£20,865.00**	**£22,858.00**	**£26,408.00**	**£34,559.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	8.1	9.9	12.6	17.4
Model		**EWYT040CZHCA2**	**EWYT050CZHCA2**	**EWYT064CZHCA2**	**EWYT090CZHCA2**
Base Unit + High Head Pump + Op.218 (Partial Heat Recovery)		**£21,413.00**	**£23,369.00**	**£26,880.00**	**£35,037.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	8.1	9.9	12.6	17.4

R-454C

EWYE~CZ

CZ-HT High Temperature Commercial - Heat Pump



Features:

- R-454C is a blend of R-32 (21.5%) and R-1234yf (78.5%) with a GWP of 146, this complies with the up-coming new F-GAS regulation requirements which require GWP below 150 for Monobloc Heat Pumps below 50 kW (Effective January 1st 2027.)
- The most complete R-454C solution for decarbonisation, EWYE-CZ reaches **70°C** heating water temperature even in extreme ambient conditions
- Ideal for centralised heating, including direct gas boiler replacement
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Inverter driven propeller type AXIAL EC fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- Modern casing design
- Possibility for inverter driven on-board hydronic pump
- MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Model			EWYE019CZ	EWYE022CZ	EWYE025CZ	EWYE030CZ	EWYE035CZ	EWYE050CZ	EWYE060CZ	EWYE070CZ
Cooling capacity (ii)	Nominal	kW	14.7	16.2	18.3	22.2	25.4	41.8	47.0	59.2
Power input (ii)	Nominal Cooling	kW	5.43	6.06	6.70	7.42	8.97	15.83	17.73	22.26
EER (ii)			2.70	2.67	2.73	2.99	2.83	2.64	2.65	2.66
Heating capacity (iii)	Nominal @ 45°C	kW	18.5	20.5	24.2	30.0	34.7	50.2	60.5	73.7
Power input (iii)	Nominal Heating	kW	5.90	6.57	7.71	8.99	10.64	16.47	20.57	24.41
COP (iii)	COP		3.13	3.12	3.14	3.34	3.26	3.05	2.94	3.02
Heating capacity (iii)	Boost Mode @ 45°C	kW	21.5	25.1	28.6	35.0	39.8	47.1	70.1	83.1
Power input (iii)	Power input	kW	7.00	8.32	9.62	11.05	12.80	18.33	24.95	28.97
COP (iii)	COP		3.07	3.01	2.97	3.17	3.11	2.57	2.83	2.87
UK Heating Capacity (iv)	Heating Capacity @ 70°C	kW	13.7	15.1	17.9	21.2	24.9	36.5	45.2	54.5
Power input (iv)	Power input	kW	10.17	10.97	12.17	13.44	15.26	24.84	29.14	33.79
COP (iv)	COP		1.35	1.38	1.47	1.58	1.63	1.47	1.55	1.61
SCOP	Low/Med/High Temp		4.0/2.83/1.98	4.0/2.83/2.06	4.0/2.83/2.12	4.38/3.2/2.5	4.38/3.2/2.58	3.87/2.83/2.19	3.87/2.83/2.26	4.06/3.02/2.44
Water flow rate	Nominal Cooling	l/s	0.7	0.8	0.9	1.1	1.2	2.0	2.2	2.8
	Nominal Heating	l/s	0.9	1.0	1.1	1.4	1.6	2.4	2.8	3.5
Capacity control	Method		Inverter Controlled							
Air heat exchanger	Type		Al Fins & Cu Tube							
Water heat exchanger	Type		Brazed plate							
Fan	Type		Axial/VFD							
	Quantity		1	1	1	2	2	3	3	4
Sound Power Level, Lw (viii)		db(A)	77					78		
Dimensions	Height	mm	1878							
	Width	mm	1152			1752		2906		3506
	Depth	mm	802					814		
Operating weight		kg	300	302		404	405	636		769
Refrigerant	Type/GWP		R-454C/146							
	Quantity of circuits		1					2		
Compressor	Type		Scroll - Vapour Injection							
	Quantity		1					2		
	Economiser		1					2		

Pricing Options

Model No.	EWYE019 CZN-A1	EWYE022 CZN-A1	EWYE025 CZN-A1	EWYE030 CZN-A1	EWYE035 CZN-A1	EWYE050 CZN-A2	EWYE060 CZN-A2	EWYE070 CZN-A2
Trade Price - Base Unit + Op.191 (Evaporator Trace Heater)	**£12,229.00**	**£12,600.00**	**£13,481.00**	**£15,209.00**	**£17,138.00**	**£24,760.00**	**£27,536.00**	**£31,871.00**

Model	EWYE019 CZP-A1	EWYE022 CZP-A1	EWYE025 CZP-A1	EWYE030 CZP-A1	EWYE035 CZP-A1	EWYE050 CZP-A2	EWYE060 CZP-A2	EWYE070 CZP-A2
Trade Price - Base Unit + Low Lift Pump + Op.191 (Evaporator Trace Heater)	**£13,177.00**	**£13,498.00**	**£14,440.00**	**£16,079.00**	**£18,117.00**	**£25,788.00**	**£28,679.00**	**£33,088.00**

Accessories:

Accessory Ref	Description	List Price
EKRSCTMS	Temperature sensor for master/slave configuration	**£63.00**
EKRSCTDH	Tank temperature sensor for DHW application	**£246.00**
EKRSCIOC	IO Extension for R-454C CZ-HT Units	**£588.00**
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	**£237.00**
EKRSCSM	DoS Router c/w Antenna Excluding Data SIM	**£378.00**
EKRSCDP	Differential Pressure Transducer for VPF	**£1,126.00**

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @ 7/12°C

iii) Nominal heating capacities are based on 7°C db ambient, water @ 45/40°C

iv) UK heating capacities are based on -5°C db ambient, water @ 70/60°C

v) EWYE-CZ series can produce 70°C flow temperature at ambient temperatures between +35°C and -20°C as standard

vi) The EWYE-Size 50, 60 and 70 do not include offloading to kerbside with tail lift. Additional costs for delivery with a Hi-Ab are available on request

vii) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

viii) Sound condition Ecodesign and Energy label: Sound power in heating mode, measured according to the EN12102 and under test method following the ISO9614

NEW R-290

EWYK~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Features:

- Future proof air source heat pump scroll chiller series with environmentally friendly R-290 natural refrigerant
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Hot water production up to 75°C at low ambient
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New casing design
- Possibility for inverter drive on-board hydronic pump in standard lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Daikin Safety Shield - Features that attest Daikin R-290 refrigerant products to a superior level of safety:

- All safety components with dedicated electrical connection for continuous operation
- Extraction fans located in the compressor box & electrical panel (Providing positive pressure within the electrical cabinet)
- Two separate leak detectors – one in the electrical panel and another in the compressor box
- Unit covers and guards fitted as standard
- The amount of refrigerant per circuit being limited (contained inside dedicated tanks during transportation)
- An alarm for alert in case of refrigerant leakage

			Single Circuit Models			
Model			**EWYK020CZN-A1**	**EWYK025CZN-A1**	**EWYK030CZN-A1**	**EWYK040CZN-A1**
Cooling capacity[ii]	Nominal	kW	17.60	21.07	24.61	34.73
Power input(ii)	Nominal Cooling	kW	5.1	6.4	8.1	11.0
EER(ii)	Nominal		3.45	3.28	3.04	3.16
SEER(ii)	EN14825 (Fan coil application)		5.10	5.15	5.00	5.57
Heating capacity[iii]	Nominal @ 45°C	kW	20.15	24.79	30.50	39.92
Power input[iii]	Nominal Heating	kW	5.2	6.5	8.3	11.1
COP[iii]	COP		3.92	3.84	3.69	3.61
Heating capacity[iii]	Boost Mode @ 45°C	kW	22.02	27.78	33.40	43.42
Power input[iii]	Power Input	kW	5.6	7.3	9.2	12.3
COP[iii]	COP		3.91	3.80	3.64	3.52
UK Heating capacity[iv]	Heating Capacity @ 75°C	kW	16.46	19.92	24.15	31.18
Power input[iv]	Power Input	kW	9.2	11.3	14.0	18.0
COP[iv]	COP		1.79	1.76	1.73	1.73
SCOP[iii]	EN14825 Med. temp. heat pump)		3.42	3.49	3.45	3.56
SCOP[iii]	EN14825 Low. temp. heat pump)		4.58	4.65	4.53	4.61
Capacity control	Method		Variable (Inverter)			
Dimensions	Height x Width x Depth	mm	1877 x 1252 x 804			1877 x 1752 x 816
Operating weight		kg	358			411
Water heat exchanger	Type		Brazed plate			
Water flow rate	Nominal Cooling	l/s	0.84	1.00	1.17	1.66
	Nominal Heating	l/s	0.96	1.18	1.46	1.91
Water pressure drop	Nominal Cooling	kPa	13.7	18.3	23.2	25.9
	Nominal Heating	kPa	11.4	16.8	24.4	32.8
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger			
Compressor	Type		Inverter Scroll with Vapour Injection			
	Quantity		1	1	1	1
Fan	Type		Axial/VFD			
	Quantity		1	1	1	2
	Total Air Flow	l/s	2620	3010	3410	6110
Sound power level	Nominal Cooling	dBA	84	84	84	85
Sound pressure level @ 1m	Nominal Cooling	dBA	66	66	66	67
Refrigerant	Type/GWP		R290/0.02			
	Total charge	kg	2.95	2.95	2.95	3.05
	Quantity of circuits		1	1	1	1
Piping connections	Evaporator water inlet/outlet (OD)	mm	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)
Electrical data	Running Current - Cooling/Heating Nom.	A	11.1/11.1	13.8/13.8	17.2/17.3	20.6/20.5
	Running current Max	A	39.6	39.6	39.6	43.2
	Voltage/Phase/Freq	V/Ph/Hz	400/3/50			

Pricing Options

Model	**EWYK020CZN-A1**	**EWYK025CZN-A1**	**EWYK030CZN-A1**	**EWYK040CZN-A1**
Trade Price - Base Unit	**£14,978.00**	**£15,994.00**	**£17,813.00**	**£22,574.00**

Model		**EWYK020CZP-A1**	**EWYK025CZP-A1**	**EWYK030CZP-A1**	**EWYK040CZP-A1**
Trade Price - Base Unit + Low Lift Pump		**£15,668.00**	**£16,836.00**	**£18,751.00**	**£ 23,762.00**
Available Pump Head @ Nominal Flow Rate	kPa	240	230	200	180

Daikin Safety Shield

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk
ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C
iii) Nominal heating capacities are based on 7°C db/6°C wb ambient, water @ 40/45°C
iv) EWYK-CZ series can operate in cooling down to ambient temperatures of -20°C as standard
v) Additional costs for delivery with a Hi-Ab are available on request
vi) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

NEW R-290

EWYK~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Heat Pump



Features:

- Future proof air source heat pump scroll chiller series with environmentally friendly R-290 natural refrigerant
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Hot water production up to 75°C at low ambient
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New casing design
- Possibility for inverter drive on-board hydronic pump in standard lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Daikin **Safety** Shield

			Dual Circuit Models			
Model			**EWYK050CZN-A2**	**EWYK060CZN-A2**	**EWYK070CZN-A2**	**EWYK085CZN-A2**
Cooling capacity[ii]	Nominal	kW	43.97	51.41	60.23	71.38
Power input[ii]	Nominal Cooling	kW	12.9	16.4	20.1	23.5
EER[ii]	Nominal		3.40	3.14	3.00	3.04
SEER[ii]	EN14825 (Fan coil application)		5.29	5.00	5.09	5.32
Heating capacity[iii]	Nominal @ 45°C	kW	49.66	59.13	71.02	83.25
Power input[iii]	Nominal Heating	kW	13.3	16.2	20.7	24.0
COP[iii]	COP		3.74	3.65	3.44	3.47
Heating capacity[iii]	Boost Mode @ 45°C	kW	55.52	66.44	74.56	90.15
Power input[iii]	Power Input	kW	15.0	16.6	22.0	26.8
COP[iii]	COP		3.69	3.57	3.39	3.37
UK Heating capacity[iv]	Heating Capacity @ 75°C	kW	39.79	46.90	56.13	65.26
Power input[iv]	Power Input	kW	22.6	26.9	32.3	37.8
COP[iv]	COP		1.76	1.74	1.74	1.73
SCOP[iii]	EN14825 (Med. temp. heat pump)		3.41	3.39	3.47	3.52
SCOP[iii]	EN14825 (Low. temp. heat pump)		4.47	4.38	4.50	4.58
Capacity control	Method		Variable (Inverter)			
Operating weight		kg	706		761	822
Dimensions	Height/Width/Depth	mm	1877 x 2506 x 816		1877 x 3006 x 816	1877 x 3507 x 816
Water heat exchanger	Type		Brazed plate			
Water flow rate	Nominal Cooling	l/s	2.10	2.45	2.87	3.41
	Nominal Heating	l/s	2.37	2.82	3.39	3.97
Water pressure drop	Nominal Cooling	kPa	29.8	40.7	55.7	39.3
	Nominal Heating	kPa	35.7	49.6	70.1	50.0
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger			
Compressor	Type		Inverter Scroll with Vapour Injection			
	Quantity		2	2	2	2
Fan	Type		Axial/VFD			
	Quantity		2	2	3	4
	Total Air Flow	l/s	6020	6020	9120	12220
Sound power level	Nominal Cooling	dBA	87	88	88	89
Sound pressure level @ 1m	Nominal Cooling	dBA	69	70	69	71
Refrigerant	Type/GWP		R290/0.02			
	Total charge	kg	5.9	5.9	6.0	6.1
	Quantity of circuits		2	2	2	2
Piping connections	Evaporator water inlet/outlet (OD)	mm	2" (Female)	2" (Female)	2" (Female)	2" (Female)
Electrical data	Running Current - Cooling/ Heating Nom.	A	27.5/27.9	33.7/32.9	38.4/38.8	43.5/43.7
	Running current Max	A	75.2	75.2	78.8	82.4
	Voltage/Phase/Freq	V/Ph/Hz	400/3/50			

Pricing Options

Model	**EWYK050CZN-A2**	**EWYK060CZN-A2**	**EWYK070CZN-A2**	**EWYK085CZN-A2**
Trade Price - Base Unit	**£28,323.00**	**£30,975.00**	**£35,173.00**	**£38,920.00**

Model		**EWYK050CZP-A2**	**EWYK060CZP-A2**	**EWYK070CZP-A2**	**EWYK085CZP-A2**
Trade Price - Base Unit + Low Lift Pump		**£29,731.00**	**£32,602.00**	**£37,022.00**	**£40,964.00**
Available Pump Head @ Nominal Flow Rate	kPa	170	140	180	180

Accessories:

Accessory Ref	Description	List Price
EKRTSMSP	Temperature sensor for master/slave & sCM configuration	£63.00
EKRSCTDH	Tank temperature sensor for DHW application	£246.00
EKRNORKITM	Nordic Kit for R290 CZ Series - Single Circuit Models	£1,609.00
EKRNORKITD	Nordic Kit for R290 CZ Series - Dual Circuit Models	£2,019.00
EKRSCIOR	IO Extension for R290 CZ Series	£571.00
EKRSCM	IO Extension for sCM	£404.00
EKRSCSMR	DoS Router with Antenna without SIM Card	£369.00
EKRSCDPR	Differential Pressure Transducer for VPF - R-290 Units	£1,104.00
EKRCM200J	Modbus RTU Communication Module	£252.00

Accessory Ref	Description	List Price
EKRCMBACMSTP	BACNet MSTP communication module	£300.00
EKRCMBACIP	BACnet/IP communication module	£391.00
EKRDIPM05	INTELLIGENT PUMP MANAGER FOR ICM 5 PUMPS	£4,545.00
EKRDIPM10	INTELLIGENT PUMP MANAGER FOR ICM 10 PUMPS	£5,232.00
EKRDISM	INTELLIGENT SECONDARY MANAGER FOR ICM	£6,431.00
EKRVALVEKITM	Diverter Kit for Safety Valve and Collector - Single Circuit Models	£845.00
EKRVALVEKITD	Diverter Kit for Safety Valve and Collector - Dual Circuit Models	£1,394.00

Notes:

i) "Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) Nominal heating capacities are based on 7°C db/6°C wb ambient, water @ 40/45°C

iv) EWYK-CZ series can operate in cooling down to ambient temperatures of -20°C as standard

v) Additional costs for delivery with a Hi-Ab are available on request

vi) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

R-32 BLUEVOLUTION

EWAT~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Cooling Only



Features:

- R-32 refrigerant product with GWP of 675 reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- As a single component refrigerant, R-32 is also easier to recycle and reuse
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New modern casing design
- Possibility for inverter drive on-board hydronic pump in standard or high lift
- Possibility to include Partial Heat Recovery option
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

			Single Circuit Models									
Model			**EWAT016CZNBA1**		**EWAT021CZNBA1**		**EWAT025CZNBA1**		**EWAT032CZNBA1**		**EWAT040CZNBA1**	
Operating Mode			**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**
Cooling capacity (ii)	Nom./Max.	kW	15.87	18.30	20.87	25.00	25.57	29.30	32.38	38.60	39.58	45.20
Power input (ii)	Nominal Cooling	kW	5.5	6.8	6.6	8.5	8.5	10.7	9.3	13.5	12.4	16.7
Capacity control	Method		Variable (Inverter)									
	Minimum capacity	%	18		14		12		19		15	
EER (i)	Nominal		2.90	2.69	3.16	2.94	3.00	2.74	3.13	2.87	2.95	2.71
SEER (ii)	EN14825 (Fan coil application)		5.00		5.00		5.06		5.21		5.09	
Dimensions	Height x Width x Depth	mm	1878 x 1152 x 810		1878 x 1152 x 810		1878 x 1152 x 810		1878 x 1753 x 810		1878 x 1753 x 810	
Unit weight		kg	280		280		280		424		424	
Operating weight		kg	281		282		282		426		426	
Water heat exchanger	Type		Brazed plate									
Water flow rate	Nominal Cooling	l/s	0.76	0.90	1.00	1.20	1.22	1.40	1.55	1.80	1.89	2.20
Water pressure drop	Nominal Cooling	kPa	19.8	25.5	11.3	15.6	16.3	20.7	19.2	26.3	27.6	35.0
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger									
Compressor	Type		Hermetically Sealed Scroll Compressor									
	Quantity		1		1		1		1		1	
Fan	Type		Axial/VFD									
	Quantity		1		1		1		2		2	
	Total Air Flow	l/s	3228		3122		3524		5080		6701	
Sound power level	Nominal Cooling	dBA	76		76		78		79		80	
Sound pressure level @1m	Nominal Cooling	dBA	60		60		62		62		63	
Refrigerant	Type/GWP		R-32/675									
	Total charge	kg	3.0		5.5		5.5		7.0		8.0	
	Quantity of circuits		1		1		1		1		1	
Piping connections	Evaporator water inlet/outlet (OD)	mm	1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)		1 1/4" (Female)	
Electrical data	Running current - Cooling	A	13.8	15.0	15.5	18.0	18.1	21.0	25.3	29.0	28.6	32.0
	Running current Max	A	18.8	19.0	23.1	23.0	25.8	26.0	37.4	37.0	41.8	42.0
	Voltage / Phase / Frequency	V/Ph/Hz	400/3/50									

Pricing Options

Model		**EWAT016CZNBA1**	**EWAT021CZNBA1**	**EWAT025CZNBA1**	**EWAT032CZNBA1**	**EWAT040CZNBA1**
Base Unit + Op.191 (Evaporator Trace Heater)		**£7,956.00**	**£9,089.00**	**£10,246.00**	**£11,827.00**	**£14,058.00**
Model		**EWAT016CZPBA1**	**EWAT021CZPBA1**	**EWAT025CZPBA1**	**EWAT032CZPBA1**	**EWAT040CZPBA1**
Base Unit + Low Head Pump + Op.191 (Evaporator Trace Heater)		**£8,852.00**	**£10,264.00**	**£11,380.00**	**£13,267.00**	**£15,503.00**
Available Pump Head @ Nominal Flow Rate	kPa	240	230	200	180	160
Model		**EWAT016CZHBA1**	**EWAT021CZHBA1**	**EWAT025CZHBA1**	**EWAT032CZHBA1**	**EWAT040CZHBA1**
Base Unit + High Head Pump + Op.191 (Evaporator Trace Heater)		**£9,110.00**	**£10,559.00**	**£11,677.00**	**£13,703.00**	**£16,023.00**
Available Pump Head @ Nominal Flow Rate	kPa	470	460	420	400	370
Model		**EWAT016CZNCA1**	**EWAT021CZNCA1**	**EWAT025CZNCA1**	**EWAT032CZNCA1**	**EWAT040CZNCA1**
Base Unit + Op.218 (Partial Heat Recovery)		**£8,133.00**	**£9,270.00**	**£10,427.00**	**£12,098.00**	**£14,328.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	3.1	4.1	5.0	6.3	7.7
Model		**EWAT016CZPCA1**	**EWAT021CZPCA1**	**EWAT025CZPCA1**	**EWAT032CZPCA1**	**EWAT040CZPCA1**
Base Unit + Low Head Pump + Op.218 (Partial Heat Recovery)		**£9,029.00**	**£10,445.00**	**£11,560.00**	**£13,538.00**	**£15,774.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	3.1	4.1	5.0	6.3	7.7
Model		**EWAT016CZHCA1**	**EWAT021CZHCA1**	**EWAT025CZHCA1**	**EWAT032CZHCA1**	**EWAT040CZHCA1**
Base Unit + High Head Pump + Op.218 (Partial Heat Recovery)		**£9,288.00**	**£10,739.00**	**£11,857.00**	**£13,973.00**	**£16,294.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	3.1	4.1	5.0	6.3	7.7

Accessories:

Accessory Ref	Description	List Price
EKRSCTMS	Temperature sensor for master/slave configuration	**£63.00**
EKRSCIO	IO Extension for VPF, domestic hot water, demand limit, setpoint reset, low noise	**£180.00**
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	**£237.00**
EKRSCSM	DoS Router c/w Antenna & Excluding Data SIM	**£378.00**
EKRSCDP	Differential Pressure Transducer for VPF	**£1,126.00**

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) EWAT-CZ series can operate in cooling down to ambient temperatures of -15°C as standard

iv) The EWAT064 & 090 do not include offloading to kerbside with tail lift. Additional costs for delivery with a Hi-Ab are available on request

v) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with pricing detailed on page 328

R-32 BLUEVOLUTION

EWAT~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Cooling Only



Features:

- R-32 refrigerant product with GWP of 675 reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- As a single component refrigerant, R-32 is also easier to recycle and reuse
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New modern casing design
- Possibility for inverter drive on-board hydronic pump in standard or high lift
- Possibility to include Partial Heat Recovery option
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

			Dual Circuit Models							
Model			**EWAT040CZNBA2**		**EWAT050CZNBA2**		**EWAT064CZNBA2**		**EWAT090CZNBA2**	
Operating Mode			**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**	**Normal**	**Max**
Cooling capacity (ii)	Nom./Max.	kW	41.37	49.60	50.75	58.20	63.95	72.70	88.26	98.30
Power input (ii)	Nominal Cooling	kW	13.2	17.3	17.0	21.3	21.8	27.4	31.00	38.20
Capacity control	Method		Variable (Inverter)							
	Minimum capacity	%	14		12		15		14	
EER (i)	Nominal		3.12	2.87	2.98	2.73	2.93	2.65	2.84	2.57
SEER (ii)	EN14825 (Fan coil application)		5.41		5.33		5.21		5.03	
Dimensions	Height x Width x Depth	mm	1878 x 2304 x 810		1878 x 2304 x 810		1878 x 2905 x 810		1878 x 3506 x 810	
Unit weight		kg	560		560		704		848	
Operating weight		kg	565		565		709		856	
Water heat exchanger	Type		Brazed plate							
Water flow rate	Nominal Cooling	l/s	1.97	2.40	2.42	2.80	3.05	3.50	4.21	4.70
Water pressure drop	Nominal Cooling	kPa	9.9	13.7	14.3	18.3	21.7	27.4	20.1	24.4
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger							
Compressor	Type		Hermetically Sealed Scroll Compressor							
	Quantity		2		2		2		2	
Fan	Type		Axial/VFD							
	Quantity		2		2		3		4	
	Total Air Flow	l/s	5444		7048		8967		13402	
Sound power level	Nominal Cooling	dBA	80		81		83		85	
Sound pressure level @1m	Nominal Cooling	dBA	63		64		65		67	
Refrigerant	Type/GWP		R-32/675							
	Total charge	kg	12.0		12.0		13.0		16.0	
	Quantity of circuits		2		2		2		2	
Piping connections	Evaporator water inlet/outlet (OD)	mm	2" (Female)		2" (Female)		2" (Female)		2" (Female)	
Electrical data	Running current - Cooling	A	29.5	34.0	34.2	40.0	45.8	53.0	61.7	70.0
	Running current Max	A	45.2	45.0	50.7	51.0	66.7	67.0	91.4	91.0
	Voltage / Phase / Frequency	V/Ph/Hz	400/3/50							

Pricing Options

Model		**EWAT040CZNBA2**	**EWAT050CZNBA2**	**EWAT064CZNBA2**	**EWAT090CZNBA2**
Base Unit + Op.191 (Evaporator Trace Heater)		**£16,195.00**	**£17,821.00**	**£20,463.00**	**£25,626.00**
Model		**EWAT040CZPBA2**	**EWAT050CZPBA2**	**EWAT064CZPBA2**	**EWAT090CZPBA2**
Base Unit + Low Head Pump + Op.191 (Evaporator Trace Heater)		**£17,679.00**	**£19,483.00**	**£22,377.00**	**£29,284.00**
Available Pump Head @ Nominal Flow Rate	kPa	190	160	210	170
Model		**EWAT040CZHBA2**	**EWAT050CZHBA2**	**EWAT064CZHBA2**	**EWAT090CZHBA2**
Base Unit + High Head Pump + Op.191 (Evaporator Trace Heater)		**£18,236.00**	**£20,108.00**	**£22,846.00**	**£29,726.00**
Available Pump Head @ Nominal Flow Rate	kPa	400	360	325	280
Model		**EWAT040CZNCA2**	**EWAT050CZNCA2**	**EWAT064CZNCA2**	**EWAT090CZNCA2**
Base Unit + Op.218 (Partial Heat Recovery)		**£16,874.00**	**£18,500.00**	**£21,259.00**	**£26,516.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	8.1	9.9	12.6	17.4
Model		**EWAT040CZPCA2**	**EWAT050CZPCA2**	**EWAT064CZPCA2**	**EWAT090CZPCA2**
Base Unit + Low Head Pump + Op.218 (Partial Heat Recovery)		**£18,359.00**	**£20,162.00**	**£23,174.00**	**£30,174.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	8.1	9.9	12.6	17.4
Model		**EWAT040CZHCA2**	**EWAT050CZHCA2**	**EWAT064CZHCA2**	**EWAT090CZHCA2**
Base Unit + High Head Pump + Op.218 (Partial Heat Recovery)		**£18,915.00**	**£20,787.00**	**£23,643.00**	**£30,616.00**
Partial Heat Recovery Capacity @ Nominal Conditions	kW	8.1	9.9	12.6	17.4

Accessories:

Accessory Ref	Description	List Price
EKRSCTMS	Temperature sensor for master/slave configuration	**£63.00**
EKRSCIO	IO Extension for VPF, domestic hot water, demand limit, setpoint reset, low noise	**£180.00**
EKRSCBMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	**£237.00**
EKRSCSM	DoS Router c/w Antenna & Excluding Data SIM	**£378.00**
EKRSCDP	Differential Pressure Transducer for VPF	**£1,126.00**

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) EWAT-CZ series can operate in cooling down to ambient temperatures of -15°C as standard

iv) The EWAT064 & 090 do not include offloading to kerbside with tail lift. Additional costs for delivery with a Hi-Ab are available on request

v) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with pricing detailed on page 328

NEW R-290

EWAK~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Cooling Only



Features:

- Future proof air cooled scroll chiller series with environmentally friendly R-290 natural refrigerant
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New casing design
- Possibility for inverter drive on-board hydronic pump in standard lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Daikin Safety Shield - Features that attest Daikin R-290 refrigerant products to a superior level of safety:

- All safety components with dedicated electrical connection for continuous operation
- Extraction fans located in the compressor box & electrical panel (Providing positive pressure within the electrical cabinet)
- Two separate leak detectors – one in the electrical panel and another in the compressor box
- Unit covers and guards fitted as standard

			Single Circuit Models			
Model			**EWAK020CZN-A1**	**EWAK025CZN-A1**	**EWAK030CZN-A1**	**EWAK040CZN-A1**
Cooling capacity(ii)	Nominal	kW	17.81	21.07	24.61	34.73
Power input(ii)	Nominal	kW	5.1	6.4	8.1	11.0
Capacity control	Method		Variable (Inverter)			
EER(i)	Nominal		3.45	3.28	3.04	3.16
SEER(ii)	EN14825 (Fan coil application)		5.10	5.15	5.00	5.57
Dimensions	Height x Width x Depth	mm	1877 x 1252 x 804			1877 x 1752 x 816
Operating weight		kg	353			409
Water heat exchanger	Type		Brazed plate			
Water flow rate	Nominal Cooling	l/s	0.84	1.01	1.17	1.66
Water pressure drop	Nominal Cooling	kPa	13.6	18.3	23.2	25.9
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger			
Compressor	Type		Inverter Scroll with Vapour Injection			
	Quantity		1	1	1	1
Fan	Type		Axial/VFD			
	Quantity		1	1	1	1
	Total Air Flow	l/s	2620	3010	3410	6110
Sound power level	Full Load	dBA	84	84	84	85
Sound pressure level @ 1m	Nominal Cooling	dBA	66	66	66	67
Refrigerant	Type/GWP					
	Total charge	kg	2.65	2.7	2.7	2.8
	Quantity of circuits		1	1	1	1
Piping connections	Evaporator water inlet/outlet (OD)	mm	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)	1 1/4" (Female)
Electrical data	Running Current - Cooling Nom.	A	11.1	13.8	17.2	20.6
	Running current Max	A	39.6	39.6	39.6	43.2
	Voltage/Phase/Frequency	V/Ph/Hz	400/3/50			

Pricing Options

Model	**EWAK020CZN-A1**	**EWAK025CZN-A1**	**EWAK030CZN-A1**	**EWAK040CZN-A1**
Base Unit	**£13,356.00**	**£13,641.00**	**£14,550.00**	**£17,920.00**

Model		**EWAK020CZP-A1**	**EWAK025CZP-A1**	**EWAK030CZP-A1**	**EWAK040CZP-A1**
Base Unit + Low Head Pump		**£13,936.00**	**£14,359.00**	**£15,316.00**	**£18,863.00**
Available Pump Head @ Nominal Flow Rate	kPa	240	230	200	180

- The amount of refrigerant per circuit being limited (contained inside dedicated tanks during transportation)
- An alarm for alert in case of refrigerant leakage

Daikin **Safety** Shield

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) EWAK-CZ series can operate in cooling down to ambient temperatures of -20°C as standard

iv) Additional costs for delivery with a Hi-Ab are available on request

v) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

NEW R-290

EWAK~CZ

Air Cooled Water Chiller Inverter Scroll Compressor - Cooling Only



Features:

- Future proof air cooled scroll chiller series with environmentally friendly R-290 natural refrigerant
- Daikin inverter scroll compressors on all stages with possibility for MAX mode to increase capacity output
- Inverter driven propeller type AXIAL fan
- High efficiency copper fin and aluminium tube type outdoor exchanger with integral sub-cooler and anti-corrosion treatment
- New modern casing design
- Possibility for inverter drive on-board hydronic pump in standard lift
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Daikin Safety Shield

			Dual Circuit Models			
Model			**EWAK050CZN-A2**	**EWAK060CZN-A2**	**EWAK070CZN-A2**	**EWAK085CZN-A2**
Cooling capacity(ii)	Nominal	kW	43.97	51.41	60.23	71.38
Power input(ii)	Nominal	kW	12.9	16.4	20.1	23.49
Capacity control	Method		Variable (Inverter)			
EER(i)	Nominal		3.40	3.14	3.00	3.04
SEER(ii)	EN14825 (Fan coil application)		5.29	5.00	5.09	5.32
Dimensions	Height x Width x Depth	mm	1877 x 2506 x 816		1877 x 3006 x 816	1877 x 3507 x 816
Operating weight		kW	696		751	812
Water heat exchanger	Type		Brazed plate			
Water flow rate	Nominal Cooling	l/s	2.10	2.46	2.88	3.41
Water pressure drop	Nominal Cooling	kPa	29.8	40.7	55.7	39.3
Air heat exchanger	Type		Cu/Al - Copper tube Aluminium fin exchanger			
Compressor	Type		Inverter Scroll with Vapour Injection			
	Quantity		2	2	2	2
Fan	Type		Axial/VFD			
	Quantity		2		3	4
	Total Air Flow	l/s	6020	6020	9120	12220
Sound power level	Nominal Cooling	dBA	87	88	88	89
Sound pressure level @1m	Nominal Cooling	dBA	69	70	69	71
Refrigerant	Type/GWP		R290/0.02			
	Total charge	kg	5.3	5.3	5.5	5.6
	Quantity of circuits		2	2	2	2
Piping connections	Evaporator water inlet/outlet (OD)	mm	2" (Female)	2" (Female)	2" (Female)	2" (Female)
Electrical data	Running Current - Cooling Nom.	A	27.5	33.7	38.4	43.5
	Running current Max	A	75.2	75.2	78.8	82.4
	Voltage/Phase/Frequency	V/Ph/Hz	400/3/50			

Pricing Options

Model	**EWAK050CZN-A2**	**EWAK060CZN-A2**	**EWAK070CZN-A2**	**EWAK085CZN-A2**
Base Unit	**£23,872.00**	**£26,318.00**	**£28,405.00**	**£32,363.00**

Model		**EWAK050CZP-A2**	**EWAK060CZP-A2**	**EWAK070CZP-A2**	**EWAK085CZP-A2**
Base Unit + Low Head Pump		**£24,832.00**	**£27,703.00**	**£29,899.00**	**£34,066.00**
Available Pump Head @ Nominal Flow Rate	kPa	170	140	180	180

Accessories:

Accessory Ref	Description	List Price
EKRTSMSP	Temperature sensor for master/slave configuration	**£63.00**
EKRSCTDH	Tank temperature sensor for DHW application	**£246.00**
EKRSCIOR	IO Extension for R290 CZ Series	**£571.00**
EKRSCM	IO Extension for sCM	**£404.00**
EKRSCSMR	DoS Router with Antenna without SIM Card	**£369.00**
EKRSCDPR	Differential Pressure Transducer for VPF - R-290 Units	**£1,104.00**
EKRCM200J	Modbus RTU Communication Module	**£252.00**
EKRCMBACMSTP	BACNet MSTP communication module	**£300.00**
EKRCMBACIP	BACnet/IP communication module	**£391.00**
EKRDIPM05	INTELLIGENT PUMP MANAGER FOR ICM 5 PUMPS	**£4,545.00**
EKRDIPM10	INTELLIGENT PUMP MANAGER FOR ICM 10 PUMPS	**£5,232.00**
EKRDISM	INTELLIGENT SECONDARY MANAGER FOR ICM	**£6,431.00**
EKRVALVEKITM	Diverter Kit for Safety Valve and Collector - Single Circuit Models	**£845.00**
EKRVALVEKITD	Diverter Kit for Safety Valve and Collector - Dual Circuit Models	**£1,394.00**

Notes:

i) Please contact your local sales office for further information on these products – Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on 35°C ambient, chilled water @12/7°C

iii) EWAK-CZ series can operate in cooling down to ambient temperatures of -20°C as standard

iv) Additional costs for delivery with a Hi-Ab are available on request

v) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

Product Overview

Water cooled and Condenserless Chillers

Water cooled scroll chillers

These units are among the most efficient, quiet and reliable chillers available today and can be easily integrated with the HVAC system of your choice. Their compact, modular design makes them ideal for replacement projects.

Condenserless Scroll Chillers

These units are among the most efficient, quiet and reliable chillers available today and can be easily integrated with the HVAC system of your choice. Their compact, modular design makes them ideal for replacement projects.

	Refrigerant Type *	Refrigerant circuits	Inverter	Compressor: Scroll	Compressor: Screw	Compressor: Centrifugal	Water heat exchangers: Evaporator: BPHE **	Water heat exchangers: Evaporator: S&T ***	Water heat exchangers: Condenser: BPHE **	Water heat exchangers: Condenser: S&T ***	Efficiency version: Standard	Efficiency version: High	Efficiency version: Premium	Sound version: Standard	Ecodesign Compliance ***	Leaving water temperature range possibilities in cooling and heating (°C)	Cooling capacity (kW) : Heating capacity (kW)
Water cooled chillers (Cooling only and heating only operation)																	
EWWQ~KC	R-410A	1-2		●			●		●		●			●	HP	-10~20 20~55	13~61 Maximum 3 modules 15~70 Maximum 3 modules
Condenserless chillers																	
EWLQ~KC	R-410A	1-2		●			●				●			●	NA	-10~20	12~58

0 | 17.5 | 200 | 500 | 1,000 | 2,000

***** Mandatory commissioning

* (GWP): R-410A (2087.5)
** BPHE: Brazed plate heat exchanger
*** Ecodesign Compliance: HP = Heat Pump Applications

R-410A

EWWQ~KC

Water Cooled Chiller Scroll Compressor - HYDROCUBE Heat Pump



Features:

- One of the most compact units on the market: 600mm x 600mm x 600mm (up to size 033)
- Low energy consumption
- Low operating sound level
- Low refrigerant volume
- Stainless steel plate heat exchanger
- Extension possible to 183kW (Three Hydrocube models with Master/Slave control)
- Easy installation and maintenance
- Remote cooling or heating selection
- Water/water heat pump, with water reversibility
- Standard integrated: water filter, flow switch, air purge, pressure ports
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Model			EWWQ014KCW1N	EWWQ025KCW1N	EWWQ033KCW1N	EWWQ049KCW1N	EWWQ064KCW1N
Cooling Capacity (ii)	Nominal	kW	13.0	24.0	30.0	47.0	61.0
Power input (ii)	Nominal	kW	3.2	5.7	7.3	11.4	14.6
Heating capacity (iii)	Nominal	kW	15.0	27.0	35.0	54.0	70.0
Power input (iii)	Nominal	kW	3.9	7.1	8.7	14.4	17.5
Capacity control	Method		On/Off				
	Minimum capacity	%	100			50	
EER (ii)			4.20	4.18	4.16	4.13	4.18
SEER (ii)			4.02	4.23	3.63	4.48	3.88
COP (iii)			3.84	3.84	3.98	3.77	3.98
SCOP (iii)				3.63	3.71	3.58	3.87
Dimensions	Height	mm	600				
	Width	mm	600				
	Depth	mm	600	600	600	1200	1200
Unit Weight		kg	68	132	141	257	265
Operating weight		kg	74	136	145	266	282
Heat exchanger - Evaporator	Type		Brazed Plate				
Water flow rate		l/s	0.63	1.14	1.45	2.25	2.91
Water pressure drop		kPa	11.7	28.7	21.3	27.6	44.8
Heat exchanger - Condenser	Type		Brazed Plate				
Water flow rate		l/s	0.79	1.43	1.82	2.82	3.64
Water pressure drop		kPa	18.7	27.8	43.7	45.9	48.1
Compressor	Type		Scroll				
	Quantity		1	1	1	2	2
Sound power level		dBA	69	69	76	72	79
Sound pressure level		dBA	55.2	55.2	62.1	57.6	64.6
Refrigerant	Type/GWP		R-410a/2088				
	Total charge	kg	1.3	1.9	2.7	4.6	6.8
	Quantity of circuits		1	1	1	2	2
Piping connections	Evaporator water inlet/outlet (OD)	mm	25.4	25.4	25.4	38.1	38.1
	Condenser water inlet/outlet (OD)	mm	25.4	25.4	25.4	38.1	38.1
Electrical data	Max inrush current	A	57.4	109.3	124.3	124.9	143.7
	Running current Nom.	A	6	9	13	19	26
	Running current Max	A	9.16	15.53	19.33	31.05	42.95
	Voltage/Phase/Frequency	V/Ph/Hz	400/3/50				
Base Unit			**EWWQ014KCW1N**	**EWWQ025KCW1N**	**EWWQ033KCW1N**	**EWWQ049KCW1N**	**EWWQ064KCW1N**
Trade Price - Base Unit			**£4,137.00**	**£5,546.00**	**£6,421.00**	**£8,747.00**	**£10,370.00**

	2 Module Combination			3 Module Combination			
	Capacity Class			Capacity Class			
Model No.	98	113	128	147	162	177	192
EWWQ049KCW1N	2	1		3	2	1	
EWWQ064KCW1N		1	2		1	2	3

Accessories:

Accessory Ref	Description	List Price
EKRSCWI	Water Inlet Temperature Sensor	**£63.00**
EKRSCTMS	Temperature sensor for master/slave configuration	**£63.00**
EKRSCBMS	Connectivity for external BMS communication (Modbus TCP, Bacnet MSTP/IP)	**£237.00**
EKDOSMWO	Daikin on Site Modem without M2M card	**£416.00**
EKRSCLK	Lifting kit for stacked installation	**£123.00**
EKRSCPCS	Local/remote display external HMI	**£185.00**
EKLS2	Low noise kit 025-064 Models only (049 & 064 models require 2 kits)	**£214.00**

Notes:

i) Please contact your local sales office for further information on these products - Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on chilled water @12/7°C, condenser water @ 30/35°C

iii) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

R-410A

EWLQ~KC

Condenserless Chiller Scroll Compressor - HYDROCUBE Cooling Only



Features:

- One of the most compact units on the market: 600mm x 600mm x 600mm (up to size 033)
- Low energy consumption
- Low operating sound level
- Easy installation and maintenance
- Stainless steel plate heat exchanger
- Low refrigerant volume
- Standard integrated: pressure ports, flow switch, filter, shut-off valves and air purge
- New MicroTech 4 controller allowing full compatibility with optional Daikin on-site, cloud-based monitoring

Model			EWLQ014KCW1N	EWLQ025KCW1N	EWLQ033KCW1N	EWLQ049KCW1N	EWLQ064KCW1N
Cooling capacity (ii)	Nominal	kW	12.0	19.9	28.9	39.4	57.8
Power input (ii)	Nominal Cooling	kW	3.74	6.11	8.43	12.03	16.41
Capacity control	Method		On/Off				
	Minimum capacity	%	100	100	100	50	50
EER (ii)			3.24	3.25	3.43	3.27	3.52
Dimensions	Height	mm	600				
	Width	mm	600				
	Depth	mm	600	600	600	1200	1200
Unit weight		kg	62	124	130	238	249
Operating weight		kg	70	129	135	247	258
Heat exchanger - Evaporator	Type		Brazed Plate				
Water flow rate	Nominal Cooling	l/s	0.58	0.95	1.38	1.88	2.76
Water pressure drop	Nominal Cooling	kPa	9.7	16.4	21.6	20.5	34.8
Compressor	Type		Scroll				
	Quantity		1	1	1	2	2
Sound power level	Nominal Cooling	dBA	69	69	76	72	79
Sound pressure level	Nominal Cooling	dBA	55.2	55.2	62.1	57.6	64.6
Refrigerant	Type/GWP		R-410a/2088				
	Total charge	kg	-	-	-	-	-
	Quantity of circuits		1	1	1	2	2
Piping connections	Evaporator water inlet/outlet (OD)	mm	25.4	25.4	25.4	38.1	38.1
	Condenser water inlet/outlet (OD)	mm	25.4	25.4	25.4	38.1	38.1
Electrical data	Max inrush current	A	57.4	109.3	124.3	124.8	143.6
	Running current Nom.	A	6.6	10.5	14.1	20.9	28.1
	Running current Max	A	9.2	15.5	19.3	31.0	38.7
	Voltage/Phase/Frequency	V/Ph/Hz	400/3/50				
Base Unit			**EWLQ014KCW1N**	**EWLQ025KCW1N**	**EWLQ033KCW1N**	**EWLQ049KCW1N**	**EWLQ064KCW1N**
Trade Price - Base Unit			**£3,436.00**	**£4,610.00**	**£5,336.00**	**£7,269.00**	**£8,607.00**

Notes:

i) Please contact your local sales office for further information on these products - Download information from www.daikin.co.uk

ii) Nominal cooling capacities are based on chilled water @12/7°C condensing temperature @45°C, liquid temperature 40°C

iii) Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with prices detailed on page 328

Accessories:

Accessory Ref	Description	List Price
EKRSCWI	Water Inlet Temperature Sensor	**£63.00**
EKRSCTMS	Temperature sensor for master/slave configuration	**£63.00**
EKRSCBMS	Connectivity for external BMS communication (Modbus TCP, Bacnet MSTP/IP)	**£237.00**
EKDOSMWO	Daikin on Site Modem without M2M card	**£416.00**
EKRSCLK	Lifting kit for stacked installation	**£123.00**
EKLS2	Low noise kit 025-064 Models only (049 & 064 models require 2 kits)	**£214.00**

Daikin Air Handling Units

With their Plug & Play design and inherent flexibility, Daikin air handling units can be configured and combined specifically to meet building requirements.

Our systems are designed to be the most environmentally friendly and the most energy-efficient on the market, thus reducing their ecological impact while at the same time keeping costs down through the minimisation of energy consumption.

When combined with the small physical footprint of the system, these features make our air handling units ideal for all markets.



Air Handling Units - Decentralised Ventilation

Decentralised Ventilation systems are a mechanical ventilation systems designed to provide continuous fresh air supply and extract stale air from individual rooms or zones within a building. Unlike centralised systems, decentralised systems employ smaller units installed locally to the rooms or zones being ventilated. Daikin's decentralised ventilation units incorporate heat recovery, and will recover heat from the outgoing air and transfer it to the incoming fresh air, improving energy efficiency while maintaining indoor air quality.



Daikin D-AHU Compact L

High-Efficiency Heat Recovery Ventilation for Light Commercial Spaces. The D-AHU Compact L series offers a high-performance, compact solution for superior indoor air quality.

Key Performance Features:

- **Superior Efficiency:** Equipped with an aluminium counter-flow heat exchanger achieving up to 93% thermal efficiency and IE5 motor technology to minimise operational costs.
- **Powerful Airflow:** Available in 5 sizes (150 m^3/h to 3,400 m^3/h) with external static pressure exceeding 500 Pa.
- **Smart Energy Management:** Features 100% automatic bypass for free-cooling, energy-efficient defrost logic, and CO_2 sensor compatibility for demand-controlled ventilation.

Compact & Robust Design

- **Space-Saving:** Low profile unit with heights starting at just 280mm (max 500mm).
- **Premium Insulation:** 50 mm double-skin panels with mineral wool provide exceptional thermal and acoustic insulation.
- **Flexible Installation:** Available in Left or Right-hand configurations to suit any plant room or ceiling void layout.

Advanced Filtration & Control

- **Clean Air Standards:** Double stage filtration in both fresh air and exhaust air, including high-grade ePM1 80% (F9) filtration.
- **Seamless Integration:** Choose between Smart (Daikin F1/F2) or Pro (Open Protocol) versions, with Modbus and BACnet compatibility for effortless BMS connectivity.
- **Customisable Comfort:** Optional DX, water, or electric coils,
- **Applications:** Retail Units, Offices, Hotels, Gyms, Cinemas, Schools & Universities.



Daikin D-AHU Compact T

High-Efficiency Heat Recovery Ventilation for Light Commercial Spaces. The D-AHU Compact T series offers a high-performance, compact solution for superior indoor air quality.

Key Performance Features:

- **Superior Efficiency:** Equipped with an aluminium counter-flow heat exchanger achieving up to 93% thermal efficiency and IE4motor technology to minimise operational costs.
- **Powerful Airflow:** Available in 6 sizes (2000 m^3/h to 4,200 m^3/h) with external static pressure exceeding 500 Pa.
- **Smart Energy Management:** Features 100% automatic bypass for free-cooling, energy-efficient defrost logic, and CO_2 sensor compatibility for demand-controlled ventilation.

Compact & Robust Design

- **Space-Saving:** Ultra-slim footprint with widths starting at just 550 mm (max 890 mm).
- **Premium Insulation:** 50 mm double-skin panels with mineral wool provide exceptional thermal and acoustic insulation.
- **Flexible Installation:** Available in Left or Right-hand configurations to suit any plant room or ceiling void layout.

Advanced Filtration & Control

- **Clean Air Standards:** Supports up to three filter stages, including high-grade ePM1 80% (F9) filtration.
- **Seamless Integration:** Choose between Smart (Daikin F1/F2) or Pro (Open Protocol) versions, with Modbus and BACnet compatibility for effortless BMS connectivity.
- **Customisable Comfort:** Optional DX, water, or electric coils, plus mixing dampers for recirculated air operation.
- **Applications:** Retail Units, Offices, Hotels, Gyms, Cinemas, Schools & Universities.

NEW



Daikin D-AHU Compact R

High-Efficiency Heat Recovery Ventilation for Light Commercial Spaces. The D-AHU Compact L series offers a high-performance, compact solution for superior indoor air quality.

Key Performance Features:

- **Superior Efficiency:** Equipped with a rotary heat exchanger (Condensation or Sorption) achieving up to 90% thermal efficiency and IE5 motor technology to minimise operational costs.
- **Powerful Airflow:** Available in 7 sizes (600 m^3/h to 5,00 m^3/h) with external static pressure exceeding 500 Pa.
- **Smart Energy Management:** Features energy-efficient defrost logic, and CO_2 sensor compatibility for demand-controlled ventilation.

Compact & Robust Design

- **Space-Saving:** Ultra-slim footprint with widths starting at just 650 mm (max 890 mm).
- **Premium Insulation:** 50 mm double-skin panels with mineral wool provide exceptional thermal and acoustic insulation.
- **Flexible Installation:** Available in Left or Right-hand configurations to suit any plant room layout.

Advanced Filtration & Control

- **Clean Air Standards:** Double stage filtration, including high-grade ePM1 80% (F9) filtration.
- **Seamless Integration:** With Open protocol controls and connectivity to Modbus and BACnet for effortless BMS connectivity.
- **Customisable Comfort:** Optional DX, water, or electric coils, plus mixing dampers for recirculated air operation.
- **Applications:** Retail Units, Offices, Hotels, Gyms, Cinemas, Schools & Universities.

ALB

Air Handling Units

Compact-L False ceiling heat recovery unit



Highlights

- Six predefined sizes
- Plug & Play control solution
- Compact unit from 280 mm height (for air flow up to 550 m³/h)
- Wide air flow coverage from 150 to 3,400 m³/h
- Right and left configuration
- Pro (open control platform) and Smart (Daikin control platform) version
- Excellent indoor air quality (IAQ). Up to ePM1 80% (F9) filtration level with possibility to have a prefilter up to ePM1 50% (F7) for the best IAQ

Simple, quick installation

The Compact series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

Please contact your local sales office for further information on selection at different working conditions & supply of consumable spare parts such as replacement filters.

D-AHU Compact L - Base Unit							
Unit Nominal Performance	**Size**		**ALB02*C(M/S)**	**ALB03*C(M/S)**	**ALB04*C(M/S)**	**ALB05*C(M/S)**	**ALB06*C(M/S)**	**ALB07*C(M/S)**
	Supply/Extract Airflow [m³/s]		0.083	0.166	0.333	0.417	0.694	0.833
	Thermal Efficiency [%]		86.0	86.5	87.6	86.4	82.3	81.6
	Nominal ESP [Pa]		100	100	100	100	100	100
	Fan Current - Supply and Extract [A]		0.57	1.26	2.13	3.00	4.13	5.52
	Power Input [kW]		0.13	0.29	0.49	0.69	0.95	1.27
	SFPv [kW/m³/s]		1.07	1.41	1.21	1.34	1.17	1.35
	Electrical Supply [V-Ph-Hz]		230-1-50					
	Dimensions: Height x Width x Depth [mm]		280 x 920 x 1660	350 x 1100 x 1800	415 x 1600 x 2000	415 x 1600 x 2000	500 x 2000 x 2000	500 x 2000 x 2000
	Weight [kg]		125	170	255	265	310	320
	Duct Connection Size (mm)	Width	250	400	500	500	700	700
		Height	150	200	300	300	400	400
	Sound Power Level - Lw dB(A)[1]		52	55	57	58	59	62
	Sound Pressure Level - Lp dB(A)[2]		45	48	50	51	52	55
Trade Air Handling Unit Price - Pro Series[3]			**ALB02*CM**	**ALB03*CM**	**ALB04*CM**	**ALB05*CM**	**ALB06*CM**	**ALB07*CM**
			£5,362.00	**£6,290.00**	**£8,283.00**	**£9,279.00**	**£11,321.00**	**£12,016.00**
Trade Air Handling Unit Price - Smart Series[3][4]			**ALB02*CS**	**ALB03*CS**	**ALB04*CS**	**ALB05*CS**	**ALB06*CS**	**ALB07*CS**
			£4,729.00	**£5,670.00**	**£7,657.00**	**£8,655.00**	**£10,725.00**	**£11,431.00**

* Indicates handing of unit, R=Right Hand, L = Left Hand, (M) Indicates Compact Light Pro/(S) Indicates Compact Light Smart. [1]Sound power level breakout (Supply & return air combined). At nominal airflow. [2]Sound pressure level to EN 3744. Surrounding, Directivity (Q) = 4, @1m distance in non-reverberant field. Allowances on declared values: +/- 3dB. At nominal airflow. [3]Price includes, ePM1 50% (F7) Filter, Mineral wool insulation, Aluzinc internal skin and Aluzinc Pre-Painted external skin. [4]Units require BRC1H52W7 (White), BRC1H52K7 (Black) or BRC1H52S7 (Silver) Madoka wired remote controller..

Notes: Ancillary modules include silencers, electric frost coils & various heating/cooling coil modules. Final pricing will be dependent on actual selection configuration and additional modules required. Above pricing will provide a sufficiently accurate indication for budget purposes. The SFP figure shown in the above table is based at the nominal airflow and nominal ESP shown.

Compact L Options & Accessories:

	Item	Version	Model	ALB					
			Size	02	03	04	05	06	07
Compact Filters	ISO Coarse 55% (G4)	Pro & Smart	**ALF**G4A**	£23.00	£26.00	£33.00		£36.00	
	ePM10 55% (M5)	Pro & Smart	**ALF**M5A**	£63.00	£87.00	£119.00		£143.00	
	ePM1 50% (F7)	Pro & Smart	**ALF**F7A**	£65.00	£92.00	£121.00		£146.00	
	ePM1 80% (F9)	Pro & Smart	**ALF**F9A**	£73.00	£97.00	£127.00		£149.00	
Coil Modules	Electric Pre-heating	Smart	**ALD**HEFB**	£1,130.00	£1,191.00	£1,602.00		£2,129.00	
	Electric pre -heating	Pro	**ALD**HEFA**	£1,405.00	£1,464.00	£1,951.00		£2,555.00	
	Electric post - heating	Pro	**ALD**HESA**	£1,424.00	£1,501.00	£2,317.00		£2,555.00	
	Water cooling (post - heating)	Pro	**ALD**CWSA**	£935.00	£1,080.00	£1,306.00		£1,785.00	
	Water heating (pre/post - heating)	Pro	**ALD**HWUA**	£423.00	£443.00	£634.00		£872.00	
	DX Coil (Cool/Heat)	Pro	**ALD**CDSA**	-	-	£1,188.00		£1,558.00	
Valves	2-way water cooling	Pro	**ALV**CW2A**	£58.00	£63.00	£84.00		£92.00	
	3-way water cooling	Pro	**ALV**CW3A**	£72.00	£84.00	£92.00		£97.00	
Mechanical Accessories	900mm Silencer	Pro & Smart	**ALS**90A**	£240.00	£348.00	£472.00		£674.00	
	Sliding Rail Access Doors	Pro & Smart	**ALA**RLA**	£149.00	£160.00	£181.00		£198.00	
	Rectangular to circular duct connection	Pro & Smart	**ALA**RCA**	£97.00	£127.00	£157.00		£206.00	
	Flexible Duct Connections	Pro & Smart	**ALA**FXB**	£95.00	£104.00	£117.00		£136.00	
	Droplet Eliminator (DX Coil)	Pro	**ALA**DEA**	£235.00	£251.00	£331.00		£522.00	
	External Damper	Pro	**ALA**EDA**	£51.00	£70.00	£172.00		£240.00	
Controls	Module Bacnet Pol 908	Pro	**ALC00908A**	£279.00					
	Module Modbus Pol 902	Pro	**ALC00902A**	£180.00					
	HMI Standard (Temperature Only)	Pro	**AUC00RTSA**	£112.00					
	HMI Premium (Temp. + RH + CO2)	Pro	**AUC00RTPA**	£233.00					
	Module Pol 895 (Commissioning)	Pro	**ALC00895A**	£316.00					
	Expansion Module	Pro	**ALC00955A**	£197.00					
Electrical accessories	Modulating Actuator (Water Valves)	Pro	**ALE00AMVA**	£260.00					
	Modulating Actuator (Dampers)	Pro	**ATE00AMDA**	£262.00					
	Spring Return Actuator (Dampers)	Pro	**AUE00ASDA**	£332.00					
	Frost Switch	Pro	**ALE00FSUA**	£133.00					
	Pressure Transducer	Pro	**AUE00PTUA**	£77.00					
Sensors	CO_2	Pro	**ALP00COA**	£528.00					
	Humidity (%RH)	Pro	**ALP00HUA**	£305.00					
	Temperature	Pro	**ALP00TEA**	£63.00					

Notes: ** Denotes model size number - Where accessories are common across model sizes the larger model dictates accessory code, Example G4 Compact Filter for ALB06 & ALB07 = ALF07G4A
When selecting DX coil for Compact L Pro, Expansion Valve Kit & DX Control Box must be ordered seperately for field installation
*** When selecting additional cooling and heating coils up to 2 additional control modules ALC00955A will be required. Please check Astra Selection for combination of modules required.

ATB

Air Handling Units

Compact-T Top connected heat recovery unit



Highlights

- Five predefined sizes
- Plug & Play control solution
- Compact unit from 550 mm width (for unit up to 1,100 m³/h)
- Wide air flow coverage from 200 to 4,200 m³/h
- Right and left configuration
- Pro (open control platform) and Smart (Daikin control platform) version
- Excellent indoor air quality (IAQ). Up to three filtration stages up to ePM1 80% (F9)
- DX and water coil available as option
- Recirculation mixing damper (option)

Simple, quick installation

The Compact series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Compact T - Base Unit						
Unit Nominal Performance	**Size**	**ATB03*B(M/S)**	**ATB04*B(M/S)**	**SB.ATB05*B(M/S)**	**SB.ATB06*B(M/S)**	**SB.ATB07*B(M/S)**
	Supply/Extract Airflow [m³/s]	0.222	0.458	0.639	0.750	1.080
	Thermal Efficiency [%]	85.2	84.2	81.0	81.4	86.8
	Nominal ESP [Pa]	100	100	100	100	100
	Nominal Fan Current - Supply and Extract [A]	1.70	3.39	4.83	5.30	7.83
	Nominal Power Input [kW]	0.39	0.78	1.11	1.22	1.80
	SFPv [kW/m³/s]	1.47	1.50	1.55	1.45	1.50
	Electrical Supply [V-Ph-Hz]	230-1-50				
	Dimensions: Height x Width x Depth [mm]	1600 x 550 x 1580	1600 x 790 x 1650	1900 x 790 x 2170	1850 x 790 x 2620	2050 x 890 x 2950
	Weight [kg]	185	230	355	400	500
	Duct Connection Size (mm) Diameter	4 x 250	4 x 315	4 x 355	4 x 400	4 x 500
	Sound Power Level - Lw dB(A)[1]	57	53	55	55	58
	Sound Pressure Level - Lp dB(A)[2]	50	45	48	48	51
Trade Air Handling Unit Price - Pro Series[3]		**ATB03*BM**	**ATB04*BM**	**SB.ATB05*BM**	**SB.ATB06*BM**	**SB.ATB07*BM**
		£8,677.00	**£9,390.00**	**£11,777.00**	**£13,796.00**	**£16,254.00**
Trade Air Handling Unit Price - Smart Series[3][4]		**ATB03*BS**	**ATB04*BS**	**SB.ATB05*BS**	**SB.ATB06*BS**	**SB.ATB07*BS**
		£7,556.00	**£8,300.00**	**£10,876.00**	**£12,845.00**	**£15,353.00**

* Indicates handing of unit, R=Right Hand, L = Left Hand. (M) Indicates Compact Top Pro/(S) Indicates Compact Top Smart. [1]Sound power level breakout (Supply & return air combined). [2]Sound pressure level according to EN3744, Surrounding, Directivity (Q=4) at a distance of 1m. [3]Price includes, ePM1 50% (F7) Filter, Mineral wool insulation, Aluzinc internal skin and Aluzinc Pre-Painted external skin. [4]Units require BRC1H52W7 (White), BRC1H52K7 (Black) or BRC1H52S7 (Silver) Madoka wired remote controller.

Notes: Ancillary modules include silencers, electric frost coils & various heating/cooling coil modules. Final pricing will be dependent on actual selection configuration and additional modules required. Above pricing will provide a sufficiently accurate indication for budget purposes. The SFP figure shown in the above table is based at the nominal airflow and nominal ESP shown.

Compact T Options & Accessories:

	Item	Version	Model	ATB				
			Size	03	04	05	06	07
Compact Filters	ISO Coarse 55% (G4)	Smart & Pro	**ATF**G4A**	£38.00	£41.00	£51.00	£56.00	£66.00
	ePM10 55% (M5)	Smart & Pro	**ATF**M5A**	£95.00	£102.00	£110.00	£120.00	£140.00
	ePM1 50% (F7)	Smart & Pro	**ATF**F7A**	£95.00	£102.00	£112.00	£122.00	£142.00
	ePM1 80% (F9)	Smart & Pro	**ATF**F9A**	£98.00	£104.00	£114.00	£124.00	£144.00
Coil Modules	DX Coil Right Handed - High Capacity [1]	Pro	**ATD**UDSAR**	£841.00	£1,033.00	£1,328.00	£1,418.00	£1,876.00
	DX Coil Left Handed - High Capacity [1]	Pro	**ATD**UDSAL**	£841.00	£1,033.00	£1,328.00	£1,418.00	£1,876.00
	DX Coil Right Handed - Low Capacity [1]	Pro	**ATD**UDSBR**	-	£585.00	£710.00	£760.00	£905.00
	DX Coil Left Handed - Low Capacity [1]	Pro	**ATD**UDSBL**	-	£585.00	£710.00	£760.00	£905.00
	Water Coil Right Handed	Pro	**ATD**UWSAR**	£948.00	£1,096.00	£1,390.00	£1,560.00	£1,936.00
	Water Coil Left Handed	Pro	**ATD**UWSAL**	£948.00	£1,096.00	£1,390.00	£1,560.00	£1,936.00
	Electric Preheating	Pro	**ATD**HEFAU**	£1,000.00	£1,170.00	£1,267.00	£1,412.00	£1,654.00
	Electric Preheating	Smart	**ATD**HEFBU**	£1,049.00	£1,302.00	£1,380.00	£1,482.00	£1,693.00
	Water Pre-Heating	Pro	**ATD**HWFAU**	£378.00	£489.00	£596.00	£720.00	£948.00
	Water Post Heating Right Handed	Pro	**ATD**HWSAR**	£654.00	£709.00	£812.00	£930.00	£1,087.00
	Water Post Heating Left Handed	Pro	**ATD**HWSAL**	£654.00	£709.00	£812.00	£930.00	£1,087.00
	Electric Post Heating	Pro	**ATD**HESAU**	£562.00	£848.00	£870.00	£911.00	£941.00
Valves	2 Way Water Cooling	Pro	**ATV**CW2A**	£77.00	£82.00	£87.00	£94.00	£105.00
	3 Way Water Cooling	Pro	**ATV**CW3A**	£124.00	£127.00	£137.00	£172.00	£184.00
Mechanical Accessories	600mm Silencer	Smart & Pro	**ATS**60A**	£263.00	£294.00	£344.00	£351.00	£462.00
	Mixing Damper	Pro	**ATA**MDA**	-	-	£133.00	£161.00	£169.00
	External Damper	Pro	**ATA**EDA**	£82.00	£100.00	£137.00	£174.00	£218.00
Controls	Module Bacnet Pol 908	Pro	**ALC00908A**	£279.00				
	Module Modbus Pol 902	Pro	**ALC00902A**	£180.00				
	HMI Standard (Temperature Only)	Pro	**AUC00RTSA**	£112.00				
	HMI Premium (Temp. + RH + CO2)	Pro	**AUC00RTPA**	£233.00				
	Module Pol 895 (Commissioning)	Pro	**ALC00895A**	£316.00				
Electrical Accessories	Frost Switch	Pro	**ATE00FSUA**	£133.00				
	Modulating Actuator For Valves	Pro	**ATE00AMVA**	£260.00				
	Modulating Actuator For Mix/Ext Dampers	Pro	**ATE00AMDA**	£262.00				
	Spring Return Actuator for External Damper	Pro	**AUE00ASDA**	£332.00				
	Digital PCB For External Accessories	Pro	**ATE00DPUA**	£479.00				
Sensors	CO_2	Pro	**ALP00COA**	£528.00				
	Humidity (%RH)	Pro	**ALP00HUA**	£305.00				
	Temperature	Pro	**ALP00TEA**	£63.00				

Notes: ** Denotes model size number. [1]When selecting DX coil for Compact Top Pro, Expansion Valve Kit & DX Control Box must be ordered seperately for field installation.

NEW

ARB

Air Handling Units

Compact R AHU with high efficiency Rotary Heat Exchanger



Highlights

- Seven predefined sizes
- Plug & Play control solution
- Compact unit from 650 mm width (for unit up to 850 m³/h)
- Wide air flow coverage from 200 to 6,000 m³/h
- Right and left configuration
- Open protocol control platform (Siemens)
- Excellent indoor air quality (IAQ), up to ePM1 80% (F9)
- DX and water coil available as option
- Roof kit for external installation
- Simple, quick installation

Simple, quick installation

The Compact R series' Plug & Play design is more than just a convenient feature for installers. It offers cost saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Compact R - Base Unit								
Unit Nominal Performance	Size	ARB01*A(M/NS)	ARB02*A(M/NS)	ARB03*A(M/NS)	ARB04*A(M/S)	ARB05*A(M/NS)	ARB06*A(M/NS)	ARB07*A(M/NS)
	Supply/Extract Airflow [m³/s]	0.167	0.306	0.444	0.580	0.810	1.040	1.390
	Thermal Efficiency [%]	79.7	78.8	75.7	75.7	74.7	74.5	TBC
	Nominal ESP [Pa]	100	100	100	100	100	100	100
	Nominal Fan Current - Supply and Extract [A]	1.10	2.20	3.50	3.00	4.80	4.80	TBC
	Nominal Power Input [kW]	0.17	0.35	0.56	0.75	1.02	1.14	TBC
	SFPv [kW/m³/s]	0.81	0.96	1.08	1.13	1.10	1.35	TBC
	Electrical Supply [V-Ph-Hz]	230-1-50						400/3/50
	Dimensions: Height x Width x Depth [mm]	960 x 650 x 1615	1050 x 790 x 1635	1150 x 790 x 1720	1250 x 890 x 1735	1400 x 990 x1750	1450 x 1100 x 1750	1700 x 1300 x 1750
	Weight [kg]	140	160	225	265	310	340	395
	Duct Connection Size (mm)	400 x 200	500 x 250	500 x 300	600 x 300	700 x 400	800 x 400	1000 x 500
	Sound Power Level - Lw dB(A)[1]	52	57	58	57	60	63	TBC
	Sound Pressure Level - Lp dB(A)[2]	45	50	51	50	53	56	TBC
Trade Air Handling Unit Price - Condensation Wheel[3]		**ARB01*AM**	**ARB02*AM**	**ARB03*AM**	**ARB04*AM**	**ARB05*AM**	**ARB06*AM**	**ARB07*AM**
		£6,864.00	**£8,563.00**	**£9,299.00**	**£10,503.00**	**£11,732**	**£13,302.00**	**£14,237.00**
Trade Air Handling Unit Price - Sorption Wheel[3]		**ARB01*AMNS**	**ARB02*AMNS**	**ARB03*AMNS**	**ARB04*AMNS**	**ARB05*AMNS**	**ARB06*AMNS**	**ARB07*AMNS**
		£6,984.00	**£8,772.00**	**£9,511.00**	**£10,758.00**	**£12,086.00**	**£13,755.00**	**£14,898.00**

* Indicates handing of unit, R=Right Hand, L = Left Hand. [1]Sound power level breakout (Supply & return air combined). [2]Sound pressure level according to EN3744, Surrounding, Directivity (Q=4) at a distance of 1m. [3]Price includes, ePM1 50% (F7) Filter, Mineral wool insulation, Magnelis internal skin and external skin.

Notes: Ancillary modules include silencers, electric frost coils & various heating/cooling coil modules. Final pricing will be dependent on actual selection configuration and additional modules required. Above pricing will provide a sufficiently accurate indication for budget purposes. The SFP figure shown in the above table is based at the nominal airflow and nominal ESP shown.

Compact R Options & Accessories:

	Item	Size						
		01	02	03	04	05	06	07
Compact Filter	ISO Coarse 55% (G4)	**ARF01G4A**	**ARF02G4A**	**ARF03G4A**	**ARF04G4A**	**ARF05G4A**	**ARF06G4A**	**ARF07G4A**
		£29.00	£33.00	£36.00	£40.00	£50.00	£55.00	£63.00
	ePM10 75% (M5)	**ARF01M5A**	**ARF02M5A**	**ARF03M5A**	**ARF04M5A**	**ARF05M5A**	**ARF06M5A**	**ARF07M5A**
		£60.00	£101.00	£107.00	£115.00	£122.00	£131.00	£171.00
	ePM1 50% (F7) - Panel	**ARF01F7A**	**ARF02F7A**	**ARF03F7A**	**ARF04F7A**	**ARF05F7A**	**ARF06F7A**	**ARF07F7A**
		£77.00	£107.00	£115.00	£122.00	£131.00	£139.00	£191.00
	ePM1 50% (F7) – Bag	**ARF01F7B**	**ARF02F7B**	**ARF03F7B**	**ARF04F7B**	**ARF05F7B**	**ARF06F7B**	**ARF07F7B**
		£63.00	£77.00	£85.00	£88.00	£107.00	£138.00	£191.00
	ePM1 80% (F9)	**ARF01F9B**	**ARF02F9B**	**ARF03F9B**	**ARF04F9B**	**ARF05F9B**	**ARF06F9B**	**ARF07F9B**
		£67.00	£101.00	£106.00	£110.00	£127.00	£170.00	£243.00
Coil Module	DX Coil Right Hand	**Not Available**	**Not Available**	**ARD03UDSAR**	**ARD04UDSAR**	**ARD05UDSAR**	**ARD06UDSAR**	**ARD07UDSAR**
		-	-	£780.00	£859.00	£895.00	£953.00	£1,175.00
	DX Coil Left Hand	**Not Available**	**Not Available**	**ARD03UDSAL**	**ARD04UDSAL**	**ARD05UDSAL**	**ARD06UDSAL**	**ARD07UDSAL**
		-	-	£780.00	£859.00	£895.00	£953.00	£1,175.00
	Water Coil (Cool/Heat) Right Hand	**ARD01UWSAR**	**ARD02UWSAR**	**ARD03UWSAR**	**ARD04UWSAR**	**ARD05UWSAR**	**ARD06UWSAR**	**ARD07UWSAR**
		£871.00	£1,059.00	£1,127.00	£1,227.00	£1,437.00	£1,571.00	£1,839.00
	Water Coil (Cool/Heat) Left Hand	**ARD01UWSAL**	**ARD02UWSAL**	**ARD03UWSAL**	**ARD04UWSAL**	**ARD05UWSAL**	**ARD06UWSAL**	**ARD07UWSAL**
		£871.00	£1,059.00	£1,127.00	£1,227.00	£1,437.00	£1,571.00	£1,839.00
	Electric Heater (Pre/Post) - Right Hand	**ARD01HEUAR**	**ARD02HEUAR**	**ARD03HEUAR**	**ARD04HEUAR**	**ARD05HEUAR**	**ARD06HEUAR**	**ARD07HEUAR**
		£1,513.00	£1,829.00	£1,829.00	£2,235.00	£2,557.00	£2,894.00	£3,097.00
	Electric Heater (Pre/Post) - Left Hand	**ARD01HEUAL**	**ARD02HEUAL**	**ARD03HEUAL**	**ARD04HEUAL**	**ARD05HEUAL**	**ARD06HEUAL**	**ARD07HEUAL**
		£1,513.00	£1,829.00	£1,829.00	£2,235.00	£2,557.00	£2,894.00	£3,097.00
	Water Heating (Pre/Post)	**ALD03HWUA**	**ARD02HWUA**	**ALD05HWUA**	**ARD04HWUA**	**ALD07HWUA**	**ARD06HWUA**	**ARD07HWUA**
		£443.00	£453.00	£634.00	£671.00	£872.00	£893.00	£908.00

Continued on next page...

NEW

ARB

Air Handling Units

Compact R AHU with high efficiency Rotary Heat Exchanger



Highlights

- Seven predefined sizes
- Plug & Play control solution
- Compact unit from 650 mm width (for unit up to 850 m^3/h)
- Wide air flow coverage from 200 to 6,000 m^3/h
- Right and left configuration
- Open protocol control platform (Siemens)
- Excellent indoor air quality (IAQ), up to ePM1 80% (F9)
- DX and water coil available as option
- Roof kit for external installation
- Simple, quick installation

Simple, quick installation

The Compact R series' Plug & Play design is more than just a convenient feature for installers. It offers cost saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

Compact R Options & Accessories (Continued):

	Item	Size						
		01	02	03	04	05	06	07
Mechanical Accessories	Droplet Eliminator	ARA01DEA	ARA02DEA	ARA03DEA	ARA04DEA	ARA05DEA	ARA06DEA	ARA07DEA
		£196.00	£220.00	£220.00	£249.00	£312.00	£346.00	£412.00
	External Damper	ALA03EDA	ARA02EDA	ALA05EDA	ARA04EDA	ALA07EDA	ARA06EDA	ARA07EDA
		£70.00	£97.00	£172.00	£179.00	£240.00	£257.00	£275.00
	Sound Attenuator	ALS0390A	ARS0260A	ALS0590A	ARS0460A	ALS0790A	ARS0660A	ARS0760A
		£348.00	£455.00	£472.00	£587.00	£674.00	£826.00	£1,118.00
	Roof Kit	ARA01EKA	ARA02EKA	ARA03EKA	ARA04EKA	ARA05EKA	ARA06EKA	ARA07EKA
		£229.00	£260.00	£279.00	£302.00	£325.00	£349.00	£392.00
	Rain Hood	ARA01RSA	ARA02RSA	ARA03RSA	ARA04RSA	ARA05RSA	ARA06RSA	ARA07RSA
		£216.00	£237.00	£245.00	£260.00	£293.00	£309.00	£364.00
	Rain Hood c/w Duct Elbows	ARA01RDA	ARA02RDA	ARA03RDA	ARA04RDA	ARA05RDA	ARA06RDA	ARA07RDA
		TBC	TBC	TBC	TBC	TBC	TBC	TBC
	Flexible Joint	ALA03FXB	ARA02FXB	ALA05FXB	ARA04FXB	ALA07FXB	ARA06FXB	ARA07FXB
		£104.00	£112.00	£117.00	£127.00	£136.00	£163.00	£176.00
	Duct transition	ALA03RCA	ARA02RCA	ALA05RCA	ARA04RCA	ALA07RCA	ARA06RCA	ARA07RCA
		£127.00	£150.00	£157.00	£189.00	£206.00	£243.00	£314.00
Electrical accessories	Modulating Actuator for Valves	ATE00AMVA						
		£260.00						
	Frost Switch	ALE00FSUA						
		£133.00						
	Modulating Actuator for Dampers	ATE00AMDA						
		£262.00						
	Spring Return Modulating Actuator for Dampers	AUE00ASDA						
		£332.00						
	Pressure Transducer	AUE00PTUA						
		£77.00						
Valves	2-Way Water Cooling/Heating	ATV03CW2A	ATV04CW2A	ATV04CW2A	ATV05CW2A	ATV05CW2A	ATV07CW2A	ATV07CW2A
		£77.00	£82.00	£82.00	£87.00	£87.00	£105.00	£105.00
	3-Way Water Cooling/Heating	ATV03CW3A	ATV04CW3A	ATV04CW3A	ATV05CW3A	ATV05CW3A	ATV06CW3A	ATV06CW3A
		£124.00	£127.00	£127.00	£137.00	£137.00	£172.00	£172.00
Control Accessories	HMI Standard (Temperature Only)	AUC00RTSA						
		£112.00						
	HMI Premium (Temp. + RH + CO2)	AUC00RTPA						
		£233.00						
	Commissioning Module (POL895)	ALC00895A						
		£316.00						
	Expansion Module (POL955)	ALC00955A						
		£197.00						
	Modbus License	AUC00MODA						
		£179.00						
	Bacnet License	AUC00BACA						
		£278.00						
Probes	Temperature	ALP00TEA						
		£63.00						
	Humidity	ALP00HUA						
		£305.00						
	CO2	ALP00COA						
		£528.00						

NEW

AVB

Air Handling Units Vertical DX



The Daikin Vertical series is a floor-standing DX air handling unit designed for heating and cooling large indoor spaces such as warehouses, industrial facilities, exhibition halls, or sports arenas helping to decarbonise these facilities when replacing existing gas fired units.

Highlights

- External panel in pre-painted steel (corrosion resistance class RC5)
- Internal panel in Magnelis (corrosion resistance class RC5)
- Polyurethane insulation (density 45 kg/m^3)
- 42 mm thick insulated panel
- Anodized profile
- Designed for indoor installation
- Wide operating range, with winter room temperature down to 10 °
- Ideal for quick upgrades of existing systems
- Easy removal and relocation
- Plug & Play solution with return air temperature control for simplified installation & commissioning
- Exclusive Daikin solution paired with VRV 5 and ERA, as well as R-410A series (high-efficiency units with VRT function)
- Available with right- or left-side connections

Model			AVB25RBBD	AVB25LBBD
Fan Type			EC	
Airflow (Min/Nom/Max)		m^3/s	0.56/1.11/1.39	
Nominal ESP		Pa	100	
Maximum ESP		Pa	500	
Power Supply		V-Ph-Hz	400-3-50	
Electrical Power Input		kW	0.69	
Motor Power (Max)		kW	1.5	
Full Load Current		A	2.3	
Air Filter Class			ePM10 55% (M5)	
Height		mm	1950	
Width		mm	1170	
Depth		mm	750	
Weight		kg	330	
Piping Connections	Liquid	mm	10	
	Gas	mm	22	
	Drain	"	1	
Control			BRC1H52W7/S7/K7*	
Sound Power Level(**)		dBA	78	
Sound Pressure Level(***)		dBA	71	
Indoor Temperature	Heating	°C	10-27	
Operating Range	Cooling	°C	20-35	
Connections			Right	Left
Trade Air Handling Unit Price			**£9,065.00**	**£9,065.00**

* Controller to be ordered seperately ** Sound power level at front grille with front supply
***Sound Pressure level - Single Source Free Field, Spherical propogation at 1m.

Accessories:

Accessory Ref	Description	List Price
AVA25SGA	Side Panels with Grille	**£550.00**
AVA25TSA	Top Panel with Spigots	**£204.00**

Paired Outdoor Units			
Model		**RXYSA10A**	**ERA250AYF**
Capacity	HP	10	10
Nominal Cooling Capacity	kW	27.5	
Nominal Heating Capacity	kW	31.5	
SEER		6.93	7.30
SCOP		4.42	4.50
Sound Power Level	dB(A)	74	74
No. of Fans		1	1
Refrigerant		R32	
Height	mm	1615	
Width	mm	940	
Depth	mm	460	
Weight	kg	180	163
For More Information See Page		**121**	**88**



Standard front grille



Standard top grille



Ductable

Centralised Air Handling Units

Modular AHU application with Daikin DX condensers

Daikin fresh air package

The Daikin fresh air package provides a complete solution, including all unit controls (expansion valve, control box and AHU controller) and sensors factory mounted and configured.

This unique solution allows for Plug & Play connection of our AHU series to Daikin ERA and VRV condensing units.

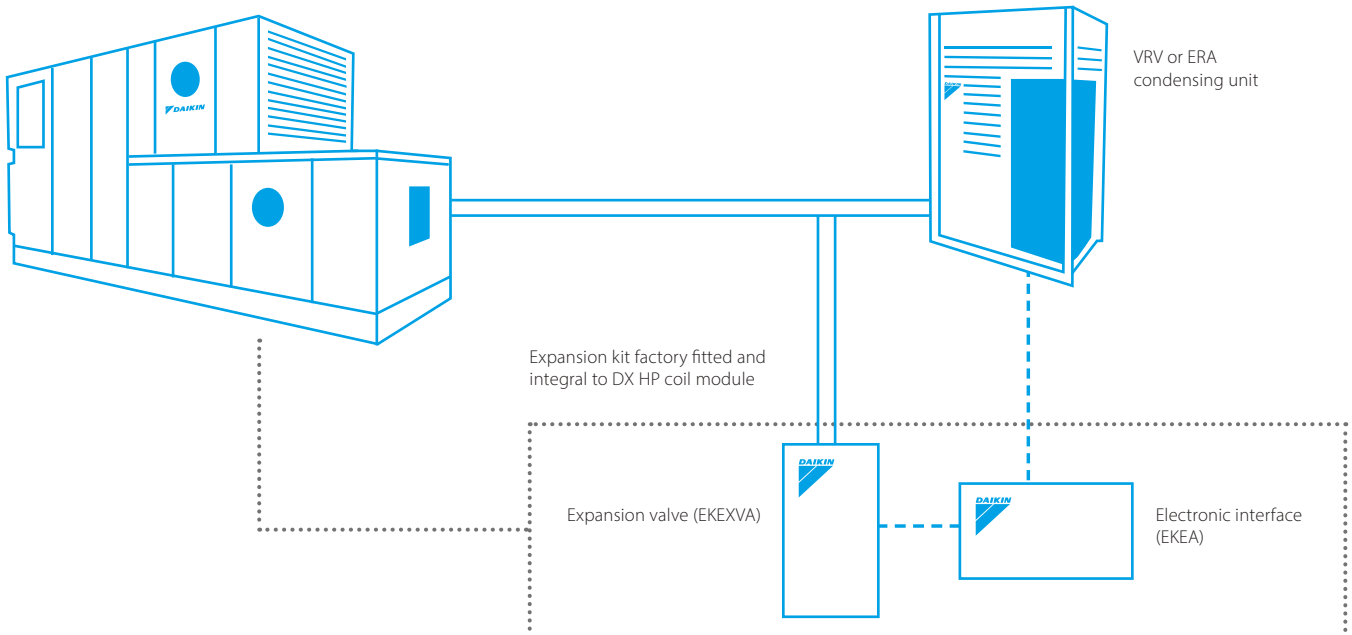
High comfort levels

Daikin ERA and VRV units respond rapidly to fluctuations in supply air temperature, resulting in a steady indoor temperature and high comfort levels for the end-user. The VRV range delivers the ultimate in comfort by offering continuous heating, even during defrost.

High efficiency

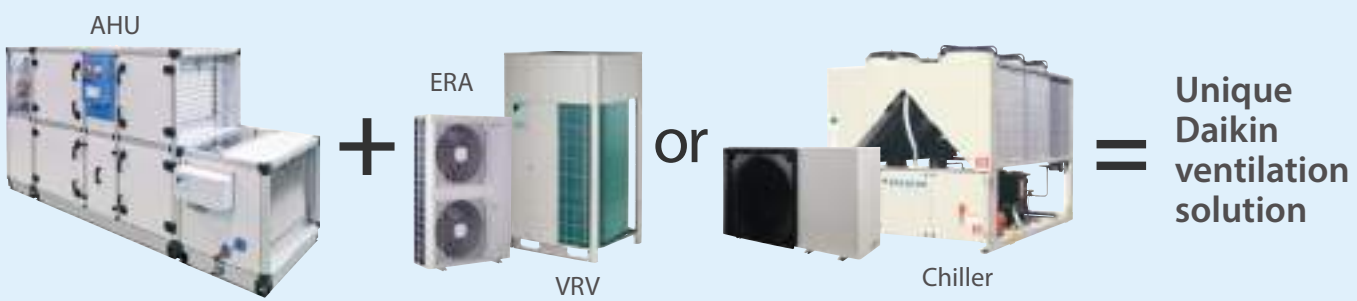
Daikin heat pumps are renowned for their high part load energy efficiency in both cooling and heating operation. Coupled with the AHU airside heat recovery of >75%, the overall system efficiency is increased, with cooling and heating reduced, due to the effective transfer of extracted heat from the internal office environment to the incoming fresh air.

Integrating the AHU into a high ESEER and SCOP one-to-one heat pump application is even more effective since an office system can frequently be in cooling mode while the outdoor air is too cold to be brought inside in an unconditioned state. In this case, heat from the offices is merely transferred to heat up the cold incoming fresh air.



Please refer to pricing of our VRV (RXYA-A) single unit page 118 and ERA (Page 88) inverter driven condensing unit ranges which are compatible with the Modular AHU.

Daikin fresh air package



Air Handling Units

MADE IN BRITAIN

Modular-R AHU with high efficiency Rotary Heat Exchanger



Energy efficiency and indoor air quality

- Ten predefined sizes
- IE4 premium efficiency motor
- High efficiency heat wheel (heat recovery)
- Compact design
- Advanced control features
- Easy installation
- Indoor air quality compliant with VDI 6022 hygiene guideline
- Operating limits from -25 °C, -40 °C with electric heaters, up to +46 °C ambient temperature
- VRV IV and ERA coupling capability
- Indoor and outdoor versions
- Free cooling capability
- Economy and Night mode operation
- Bacnet & Modbus modules available as an option

Fan type

- Available with EC brushless fan or inverter driven plug fan
- Air flow or pressure control (Variable Air Volume – Constant Air Volume)
- Nominal air flow programmed at factory
- Reduced noise with option NRLS

Simple, quick installation

The Modular series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Modular R - Base Unit c/w Thermal Wheel & DX Module											
	Size	**ADT01FCD1**	**ADT02FCD1**	**ADT03FCD1**	**ADT04FCD1**	**ADT05FCD1**	**ADT06FCD1**	**ADT07FCD1**	**ADT08FCD1**	**ADT09FCD1**	**ADT10FCD1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.42	0.58	1.01	1.35	1.80	1.97	2.34	3.55	3.98	5.51
	Temp Efficiency Winter [%]	77.20	77.20	76.80	78.10	78.70	78.00	78.50	77.40	78.00	77.70
	Temp Efficiency Summer [%]	78.00	78.00	77.50	79.00	79.60	78.90	79.40	78.20	78.90	78.50
	ESP nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	3.3/3.3	2.4/2.4	4.4/4.4	5.8/5.8	4.0/4.0	4.0/4.0	6.7/6.7	5.9/5.9	6.3/6.3
	Power Input Supply, Nominal [kW]	0.47	0.66	1.07	1.52	2.04	2.02	2.47	3.47	2 x 2.04	2 x 2.75
	Power Input Extract, Nominal [kW]	0.42	0.59	0.97	1.42	1.91	1.87	2.32	3.24	2 x 1.89	2 x 2.54
	SFPv [kW/m³/s]	2.00	1.99	1.87	2.00	2.00	1.81	1.87	1.75	1.81	1.77
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2400	2400	2500	2620	2780	2980	3100	3150	2980	3100
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	387	414	555	666	846	895	1070	1494	1606	1982
	DX Total Cooling Capacity [kW]	6.3	6.3	8.8	14.2	15.5	17.6	20.1	31.1	35.4	49.0
	Sound Power Level - Lw dB(A)	62.1	63.5	65	70	73	70	72	69	69	71
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Condensing Unit	Model	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA125AV/ ERA125AY	ERA140AV/ ERA140AY	ERA140AV/ ERA140AY	ERA140AV/ ERA140AY	ERA300AYF	2 x ERA140AV/ ERA140AY	2 x ERA200AYF

D-AHU Modular R - Base Unit c/w Thermal Wheel & CHW Module											
	Size	**ADT01FCW1**	**ADT02FCW1**	**ADT03FCW1**	**ADT04FCW1**	**ADT05FCW1**	**ADT06FCW1**	**ADT07FCW1**	**ADT08FCW1**	**ADT09FCW1**	**ADT10FCW1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.42	0.57	1.02	1.36	1.79	1.97	2.35	3.55	3.98	5.28
	Temp Efficiency Winter [%]	77.20	77.30	76.70	78.00	78.80	78.00	78.50	77.40	78.00	78.00
	Temp Efficiency Summer [%]	78.00	78.10	77.40	78.90	79.70	78.90	79.40	78.20	78.90	78.90
	ESP nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	3.3/3.3	2.4/2.4	4.4/4.4	5.8/5.8	5.9/5.9	5.9/5.9	6.7/6.7	5.9/5.9	6.4/6.4
	Power Input Supply, Nominal [kW]	0.47	0.66	1.15	1.57	2.05	2.06	2.53	3.54	2 x 2.08	2 x 2.8
	Power Input Extract, Nominal [kW]	0.42	0.57	1.03	1.44	1.89	1.87	2.34	3.24	2 x 1.89	2 x 2.51
	SFPv [kW/m³/s]	2.00	1.99	1.96	2.00	2.00	1.82	1.88	1.75	1.82	1.83
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2400	2400	2500	2620	2780	2980	3100	3150	2980	3100
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	383	413	555	668	850	900	1073	1498	1600	1988
	Total Cooling Capacity [kW]	3.1	4.13	7.5	10.0	12.8	14.5	16.9	25.8	29.2	38.6
	Sound Power Level - Lw dB(A)	62.1	63.5	65.5	70.5	73	69.5	72.5	69	72.5	73.5
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Reverse Cycle Chiller	Model	-	-	-	-	-	EWYT016CZ	EWYT021CZ	EWYT025CZ	EWYT032CZ	EWYT040CZ

Notes:

Sound power level - Supply air unit outlet.
Data sheets for above selections are available on request.
Ancillary modules include dual or single silencers, electric or lphw frost coils, humidifier & various heating/cooling coil modules.
Full selections available from your Daikin Sales Engineer.
Final pricing will be dependent on actual selection configuration and additional modules required.

Please contact your local sales office for further information on selection at different working conditions and supply of consumable spare parts such as replacement filters.

ADT

Air Handling Units

Modular-P AHU with high efficiency Plate Heat Exchanger



Energy efficiency and indoor air quality

- Ten predefined sizes
- IE4 premium efficiency motor
- High efficiency plate heat exchanger for heat recovery, all aluminium construction eliminates cross contamination of air flows
- Compact design
- Advanced control features
- Easy installation
- Indoor air quality compliant with VDI 6022 hygiene guideline
- Operating limits from -25 °C, -40 °C with electric heaters, up to +46 °C ambient temperature
- VRV IV and ERA coupling capability
- Indoor and outdoor versions
- Free cooling capability
- Economy and Night mode operation
- Bacnet & Modbus modules available as an option

Fan type

- Available with EC fan or inverter driven plug fan
- Air flow or pressure control (Variable Air Volume – Constant Air Volume)
- Nominal air flow programmed at factory
- Reduced noise with option NRLS

Simple, quick installation

The Modular series' Plug & Play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned. Plug & Play makes everyone's life simpler, safer and more economical.

D-AHU Modular P - Base Unit c/w Plate Heat Exchanger & DX Module											
	Size	**ADT01ECD1**	**ADT02ECD1**	**ADT03ECD1**	**ADT04ECD1**	**ADT05ECD1**	**ADT06ECD1**	**ADT07ECD1**	**ADT08ECD1**	**ADT09ECD1**	**ADT10ECD1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.43	0.55	1.13	1.52	1.79	1.98	2.24	2.61	4.86	6.23
	Temp Efficiency Winter [%]	85.70	84.70	84.00	83.70	83.70	85.80	86.00	86.60	87.20	87.00
	Temp Efficiency Summer [%]	72.90	74.70	73.20	73.00	73.00	73.10	73.20	72.90	73.20	73.00
	ESP Nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	2.3/2.3	2.4/2.4	4.4/4.4	5.8/5.8	5.9/5.9	5.9/5.9	6.7/6.7	5.9/5.9	6.3/6.3
	Power Input Supply, Nominal [kW]	0.38	0.46	1.13	1.68	1.95	1.96	2.24	1.86	2 x 2.57	2 x 3.16
	Power Input Extract, Nominal [kW]	0.33	0.41	1.03	1.56	1.8	1.79	2.09	1.70	2 x 2.38	2 x 2.89
	SFPv [kW/m³/s]	1.52	1.43	1.74	1.94	1.91	1.73	1.76	1.26	1.85	1.78
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2730	2900	3310	3360	3500	3910	4040	4540	4760	4890
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	404	421	591	694	881	955	1080	1612	1890	2302
	DX Total Cooling Capacity [kW]	6.3	6.3	11.4	15.1	17.7	21.2	24.1	28.8	51.4	65.5
	Sound Power Level - Lw dB(A)	76.5	60	66.5	72.5	73	69.5	71.5	62.5	76	75
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Condensing Unit	Model	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA100AV/ ERA100AY	ERA125AV/ ERA125AY	ERA140AV/ ERA140AY	ERA200AYF	ERA200AYF	ERA250AYF	2 x ERA250AYF	2 x ERA300AYF

D-AHU Modular P - Base Unit c/w Plate Heat Exchanger & CHW Module											
	Size	**ADT01ECW1**	**ADT02ECW1**	**ADT03ECW1**	**ADT04ECW1**	**ADT05ECW1**	**ADT06ECW1**	**ADT07ECW1**	**ADT08ECW1**	**ADT09ECW1**	**ADT10ECW1**
Unit Nominal Performance	Supply/Extract Airflow [m³/s]	0.43	0.53	1.13	1.52	1.79	1.98	2.23	2.61	4.86	6.28
	Temp Efficiency Winter [%]	85.70	84.80	84.00	83.70	83.70	85.80	86.00	79.30	87.20	86.90
	Temp Efficiency Summer [%]	72.90	74.80	73.20	73.00	73.00	73.10	73.20	72.90	73.20	72.90
	ESP nominal [Pa]	250	250	250	250	250	250	250	250	250	250
	Nominal Fan Current - Supply/Extract [A]	3.3/3.3	2.3/2.3	2.4/2.4	4.4/4.4	5.8/5.8	5.9/5.9	5.9/5.9	6.7/6.7	5.9/5.9	6.3/6.3
	Power Input Supply, Nominal [kW]	0.39	0.46	1.25	1.76	2.02	2.05	2.31	1.96	2 x 2.78	2 x 3.53
	Power Input Extract, Nominal [kW]	0.33	0.38	1.03	1.56	1.8	1.79	2.07	1.70	2 x 2.38	2 x 2.94
	SFPv [kW/m³/s]	1.51	1.4	1.76	1.93	1.89	2.00	1.75	1.26	1.85	1.80
	Electrical Supply [V-Ph-Hz]	230-1-50	230-1-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
	Length [mm]	2730	2900	3310	3360	3500	3910	4040	4540	4760	4890
	Depth [mm]	720	820	990	1200	1400	1400	1600	1940	1940	2300
	Height (Including Base Frame) [mm]	1320	1320	1540	1740	1740	1920	1920	2180	2460	2570
	Weight [kg]	401	420	597	702	885	961	1086	1616	1913	2335
	Total Cooling Capacity [kW]	3.8	4.7	10.1	13.5	16.0	17.7	19.9	24.0	43.7	56.8
	Sound Power Level - Lw dB(A)	59.1	59.5	66.5	72.5	73	69.5	71.5	62.5	76	74
	Trade Air Handling Unit Price	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**	**POA**
Matched Air Cooled Reverse Cycle Chiller	Model	-	-	-	-	EWYT016CZ	EWYT016CZ	EWYT021CZ	EWYT025CZ	EWYT050CZ	EWYT064CZ

Notes:

Sound Power Level - Combined Supply and Extract Unit Noise Level (By calculation).
Data sheets for above selections are available on request.
Ancillary modules include dual or single silencers, electric or lphw frost coils, humidifier & various heating/cooling coil modules.
Full selections available from your Daikin Sales Engineer.
Final pricing will be dependent on actual selection configuration and additional modules required.

Please contact your local sales office for further information on selection at different working conditions and supply of consumable spare parts such as replacement filters.

AHU Filter options for your AHU from our partner at AAF



Chevronet

- High dust holding capacity and long service life
- Lightweight and easy to install
- The Chevronet filter is designed as pre-filtration for use in industrial and commercial heating, ventilation and air conditioning systems



VariCel EcoPak

- These filters are used as both prefilters and main filters in industrial and commercial HVAC installations
- The VariCel EcoPak filter can be used in place of panel filters. The upgrade in efficiency results in an improved filtration of fine particles



VariCEL VXL-E

- High dust holding capacity for facilitating a long service life and fewer changeouts
- Final filtration in central air handling systems and industrial installations
- Usage in front of HEPA filter for critical cleanroom processes

Item	Type	AAF Filter Model	Dimensions	Modular AHU Size / No. Of Filters									
				01	02	03	04	05	06	07	08	09	10
Filter	G4 Panel Filter	Chevronet	592 x 490 x 48	1	1	1	2	2	2	3			3
			592 x 287 x 48			1		1	1		3	3	1
			592 x 592 x 48								3	3	3
	M6 Compact Filter	VariCel EcoPak	592 x 287 x 48			1		1	1		3	3	1
			592 x 490 x 48	1	1	1	2	2	2	3			3
			592 x 592 x 48								3	3	3
	F7 Bag Filter	VariCEL VXL-E	590 x 490 x 292	1	1	1	2	2	2	3			3
			592 x 287 x 292			1		1	1		3	3	1
			592 x 592 x 292								3	3	3
	F9 Bag Filter	VariCEL VXL-E	592 x 490 x 292	1	1	1	2	2	2	3			3
			592 x 287 x 292			1		1	1		3	3	1
			592 x 592 x 292								3	3	3

The above table shows the number of filters fitted to each Modular AHU Size 1 to 10. **For example**, if you have a Size 10 unit with G4 Panel filters and F7 Bag Filters it will have:-

3 No. Chevronet 592 x 490 x 48
1 No. Chevronet 592 x 287 x 48
3 No. Chevronet 592 x 592 x 48
3 No. VariCEL VXL-E 592 x 490 x 292
1 No. VariCEL VXL-E 592 x 287 x 292
3 No. VariCEL VXL-E 592 x 592 x 292

The below materials are complete kits to replace or upgrade the filters in the Modular AHU series.

If we take the example on the left as a size 10 Modular AHU, to replace these filters, select SB.ADF10G4 + SB.ADF10F7. You can also select to upgrade the F7 to an F9 by selecting SB.ADF10F9.

Replacement Filter Kits

Material	Description	Trade Price
UK.ADF01G4	G4 Filters Modular ADT AHU Size 01	**£9.00**
UK.ADF01F7	F7 Filters Modular ADT AHU Size 01	**£94.00**
UK.ADF01F9	F9 Filters Modular ADT AHU Size 01	**£100.00**
UK.ADF02G4	G4 Filters Modular ADT AHU Size 02	**£9.00**
UK.ADF02F7	F7 Filters Modular ADT AHU Size 02	**£94.00**
UK.ADF02F9	F9 Filters Modular ADT AHU Size 02	**£100.00**
UK.ADF03G4	G4 Filters Modular ADT AHU Size 03	**£9.00**
UK.ADF03F7	F7 Filters Modular ADT AHU Size 03	**£94.00**
UK.ADF03F9	F9 Filters Modular ADT AHU Size 03	**£100.00**
UK.ADF04G4	G4 Filters Modular ADT AHU Size 04	**£19.00**
UK.ADF04F7	F7 Filters Modular ADT AHU Size 04	**£190.00**
UK.ADF04F9	F9 Filters Modular ADT AHU Size 04	**£201.00**
UK.ADF05G4	G4 Filters Modular ADT AHU Size 05	**£19.00**
UK.ADF05F7	F7 Filters Modular ADT AHU Size 05	**£190.00**
UK.ADF05F9	F9 Filters Modular ADT AHU Size 05	**£201.00**

Material	Description	Trade Price
UK.ADF06G4	G4 Filters Modular ADT AHU Size 06	**£19.00**
UK.ADF06F7	F7 Filters Modular ADT AHU Size 06	**£190.00**
UK.ADF06F9	F9 Filters Modular ADT AHU Size 06	**£201.00**
UK.ADF07G4	G4 Filters Modular ADT AHU Size 07	**£30.00**
UK.ADF07F7	F7 Filters Modular ADT AHU Size 07	**£285.00**
UK.ADF07F9	F9 Filters Modular ADT AHU Size 07	**£301.00**
UK.ADF08G4	G4 Filters Modular ADT AHU Size 08	**£27.00**
UK.ADF08F7	F7 Filters Modular ADT AHU Size 08	**£160.00**
UK.ADF08F9	F9 Filters Modular ADT AHU Size 08	**£181.00**
UK.ADF09G4	G4 Filters Modular ADT AHU Size 09	**£27.00**
UK.ADF09F7	F7 Filters Modular ADT AHU Size 09	**£160.00**
UK.ADF09F9	F9 Filters Modular ADT AHU Size 09	**£181.00**
UK.ADF10G4	G4 Filters Modular ADT AHU Size 10	**£30.00**
UK.ADF10F7	F7 Filters Modular ADT AHU Size 10	**£285.00**
UK.ADF10F9	F9 Filters Modular ADT AHU Size 10	**£301.00**

Daikin ProShop for quick and easy Split, Sky Air, VAM and IAQ quotes and orders

The new ProShop platform enables you to generate quotes and place orders for Split, Sky Air, VAM and Air Purifier products online, at any time of day or night – and on any device.

Visit ProShop here:

Daikin Fan Coil Units



High-efficiency BLDC Fan Coil units for comfort cooling / heating

Brushless DC Motors for:

- Higher operational efficiency
- Greater comfort control
- Low sound levels

BLDC fan motors Video

Learn more on the advantages of BLDC fan motors in Fan coil units:

Higher efficiency than AC motor
High comfort level
Low sound levels
High flexibility level



Check on YouTube

www.youtube.com/DaikinEurope

Benefits for the installer

- Reduced amount of sizes: less stock space needed
- Easy integration to BMS systems via modbus protocol

Benefits for the consultant

- Comprehensive range with single source of supply for all configurations
- Efficient BLDC fan motors for comfort and low sound levels

Benefits for the end user

- High comfort level
- Up to 70% savings on running costs
- Controller with timer programmed operating mode

Higher efficiency than AC (Alternative Current) motor

- Up to 70% energy savings
- No heat generation
- No power losses
- Higher efficiency than AC motors to reach set point
- Increased life expectancy >10,000 hours

High comfort level

- Less fluctuation of air temperature and relative humidity
- More consistent output level
- Stepless speed change for gradual air output
- More accurate adjustments to reach set point

Low sound levels

- Lower minimum rotation speed
- No start-stop sequence
- Gradual air output

Fan Coil Units





SHINKATOUCHWA



SHINKATOUCHBA

SHINKA Split Electronic Fan Coil Unit Control

Main features FWEDA:

- Management of BLDC fan motor using 0-10V/DC
- Management of on/off or proportional valves
- Management of electric heater
- Relative humidity control
- Cooling/heating mode switching based on air or water temperature
- Weekly timer programmed operation
- Configurable digital output
- Master slave system on serial RS485
- Master/slave up to 30 FCUs
- BMS supervision system using Modbus RS485

Main features SHINKATOUCH:

- Available in two different colours (White, Black)
- 4.3" full colour touch display
- Embedded user manual

Type	Model	Product name	Fan motor type	Capacity	
Floor standing unit	**Floor standing unit** - For vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWZ-AT/AF	BLDC	Cooling: 0.60 - 10.08 kW Heating: 0.69 - 11.18 kW	
Flexi type unit	**Flexi type unit** - For horizontal or vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWR-AT/AF	BLDC	Cooling: 0.60 - 10.08 kW Heating: 0.69 - 11.18 kW	
	Concealed flexi type unit - For horizontal or vertical concealed mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWS-AT/AF	BLDC	Cooling: 0.60 - 10.08 kW Heating: 0.69 - 11.18 kW	FWECSA Controller Recommended
Ducted unit	**Concealed ceiling unit with medium ESP** - For horizontal concealed mounting - Instant adjustment to temperature and relative humidity changes - Available static pressure up to 50 Pa - Low sound levels	FWP-CAT/CAF	BLDC	Cooling: 1.76 - 7.68 kW Heating: 1.81 - 7.84 kW	
	Concealed ceiling unit with high ESP - For horizontal or vertical concealed mounting - Available static pressure up to 120 Pa - Easy maintenance	FWN-AT/AF	BLDC	Cooling: 2.83 - 18.6 kW Heating: 3.23 - 19.2 kW	
Ceiling mounted cassette	**4-way blow ceiling mounted cassette** - 600 x 600 cassette - Integrated fresh air intake - Horizontal auto swing - Easy installation in corners - Standard drain pump with 750 mm lift	FWF-BT/BF	AC	Cooling: 1.4 - 5.2 kW Heating: 2.3 - 6.7 kW	
	Round flow cassette - 900 x 900 cassette - 360° air discharge ensures uniform air flow - Integrated fresh air intake - Easy installation in corners - Standard drain pump with 850 mm lift	FWC-BT/BF	BLDC	Cooling: 4.0 - 8.7 kW Heating: 5.5 - 12.1 kW	
Wall mounted unit	**Wall mounted unit** - High aesthetic cabinet design - Optimum air distribution - Easy installation - EC Fan - Built in valve kit	FWT-HTV	BLDC	Cooling: 2.1 - 5.3 kW Heating: 1.96 - 6.24 kW	

Capacity conditions

EUROVENT conditions

Cooling
27°C db / 19°C wb - Entering water 7°C - Leaving water 12°C

Heating 4 Pipe
20°C db - Entering water 70°C - Leaving water 60°C

Heating 2 Pipe
20°C db - Entering water 50°C - Flow rate as in cooling mode

TYPICAL UK cooling conditions

22°C db / 16.0°C wb - Entering water 7°C - Leaving water 12°C
0 Pa External Static Pressure
0% Glycol

FWP and FWN Ducted FCU - Above capacities are based on 30 Pa and 60 Pa External Static Pressure respectively

FWS Uncased - Based on 20 Pa external static

FWZ-AT/AF

Inverter Driven Floor Standing Fan Coil Units





SHINKATOUCHWA



SHINKATOUCHBA



BLDC fan motor unit for vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires very little installation space

Cased Low Wall Mount Type 2-pipe			FWZ02AT	FWZ03AT	FWZ06AT	FWZ08AT
Capacity (High Speed)	UK Total Cooling	kW	1.09	1.63	2.58	4.35
	Nominal Cooling	kW	1.89	2.91	4.63	7.82
	Nominal Heating	kW	2.15	3.21	4.9	8.22
Dimensions	Height x Width x Depth	mm	564 x 774 x 226	564 x 984 x 226	564 x 1190 x 226	564 x 1404 x 251
Weight		kg	20.6	26.7	32.3	41.6
Sound Power	High/Med/Low	dBA	57/51/49	53/50/45	58/54/51	68/62/55
Sound Pressure	High/Med/Low	dBA	43/37/35	39/37/36	44/40/37	54/48/41
Air Flow Rate	High/Med/Low	m^3/hr	344/271/211	442/341/241	785/605/470	1393/1022/642
Water Connections		inch	1/2	1/2	1/2	3/4
Electrical Data	Power Supply		1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWZ02ATN	FWZ03ATN	FWZ06ATN	FWZ08ATN
	£412.00	£437.00	£504.00	£630.00

Cased Low Wall Mount Type 4-pipe			FWZ02AF	FWZ03AF	FWZ06AF	FWZ08AF
Capacity (High Speed)	UK Total Cooling	kW	0.98	1.60	2.54	4.27
	Nominal Cooling	kW	1.70	2.86	4.55	7.69
	Nominal Heating	kW	1.70	2.61	4.59	7.30
Dimensions	Height x Width x Depth	mm	564 x 774 x 226	564 x 984 x 226	564 x 1190 x 226	564 x 1404 x 251
Weight		kg	20.6	26.7	32.3	41.6
Sound Power	High/Med/Low	dBA	56/51/49	53/50/45	59/54/50	68/62/55
Sound Pressure	High/Med/Low	dBA	42/37/35	39/36/31	44/40/36	54/48/41
Air Flow Rate	High/Med/Low	m^3/hr	327/261/205	431/332/237	763/593/460	1362/1007/636
Water Connections - CLG - HTG		inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2
Electrical Data	Power Supply		1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWZ02AFN	FWZ03AFN	FWZ06AFN	FWZ08AFN
	£450.00	£478.00	£566.00	£695.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWZ Accessories

Accessory Ref	02	03	06	08
2-pipe 3-way 230V on/off valve kits c/w lockshields	E2MV03A6		E2MV06A6	E2MV10A6
	£182.00		£182.00	£192.00
4-pipe 3-way 230V on/off valve kits c/w lockshields	E4MV03A6		E4MV06A6	E4MV10A6
	£325.00		£325.00	£342.00
2-Pipe 230v On/Off Pressure Independent Control Valve Kit	FWZSVPIC2V15	FWZSVPIC2V20		FWZSVPIC2V25
	£246.00	£279.00		£417.00
4-Pipe 230v On/Off Pressure Independent Control Valve Kit	FWZSVPIC2V1515	FWZSVPIC2V2015		FWZSVPIC2V2520
	£427.00	£505.00		£680.00
Electric Heater	EEH02A6	EEH03A6	EEH06A6	EEH10A6
	£226.00	£239.00	£255.00	£261.00
Fresh Air Intake	EFA02A6	EFA03A6	EFA06A6	EFA10A6
	£68.00	£76.00	£83.00	£91.00
Rear Panel	ERPV02A6	ERPV03A6	ERPV06A6	ERPV10A6
	£35.00	£38.00	£46.00	£57.00
Support Feet	ESFV06A6			ESFV10A6
	£20.00			£20.00
Supporting Feet & Grille	ESFVG02A6	ESFVG03A6	ESFVG06A6	ESFVG10A6
	£30.00	£35.00	£41.00	£55.00
Air Intake & Discharge Grille	EAIDF02A6	EAIDF03A6	EAIDF06A6	EAIDF10A6
	£156.00	£187.00	£243.00	£287.00

Accessory Ref	
Vertical Drainpan EDPV6	£8.00
Condensate Drain Pump - 750mm Lift CDRP1A	£192.00
SHINKA Split Controller - Power Board FWEDA	£151.00
SHINKA Split Controller - Touch Screen Panel (White) SHINKATOUCHWA	£146.00
SHINKA Split Controller - Touch Screen Panel (Black) SHINKATOUCHBA	£146.00
Return Air Sensor FWTSKA	£13.00

Notes:

i) In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units

Inverter Driven Flexi Fan Coil Units







SHINKATOUCHWA



SHINKATOUCHBA

BLDC fan motor unit for horizontal or vertical mounting. Continuous air flow regulation and fan speed modulation

- For wall or ceiling mounted installation: ideal solution for spaces with no false ceilings
- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires very little installation space

Cased Flexi Type 2-pipe			FWR02AT	FWR03AT	FWR06AT	FWR08AT
Capacity (High Speed)	UK Total Cooling	kW	1.09	1.63	2.58	4.35
	Nominal Cooling	kW	1.89	2.91	4.63	7.82
	Nominal Heating	kW	2.15	3.21	4.90	8.22
Dimensions	Height x Width x Depth	mm	564 x 774 x 246	564 x 984 x 246	564 x 1190 x 246	564 x 1404 x 271
Weight		kg	21.2	27.5	33.6	43.1
Sound Power	High/Med/Low	dBA	57/51/49	53/50/45	58/54/41	68/62/55
Sound Pressure	High/Med/Low	dBA	43/37/35	39/37/36	44/40/37	54/48/41
Air Flow Rate	High/Med/Low	m^3/hr	344/271/211	442/341/241	785/605/470	1393/1022/642
Water Connections		inch	1/2	1/2	1/2	3/4
Electrical Data	Power Supply		1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWR02ATN	FWR03ATN	FWR06ATN	FWR08ATN
	£431.00	£466.00	£538.00	£687.00

Cased Flexi Type 4-pipe			FWR02AF	FWR03AF	FWR06AF	FWR08AF
Capacity (High Speed)	UK Total Cooling	kW	0.98	1.60	2.54	4.27
	Nominal Cooling	kW	1.70	2.86	4.55	7.69
	Nominal Heating	kW	1.70	2.61	4.59	7.30
Dimensions	Height x Width x Depth	mm	564 x 774 x 246	564 x 984 x 246	564 x 1190 x 246	564 x 1404 x 271
Weight		kg	21.2	27.5	33.6	43.1
Sound Power	High/Med/Low	dBA	56/51/49	53/50/45	59/54/50	68/62/55
Sound Pressure	High/Med/Low	dBA	42/37/35	39/36/31	45/40/36	54/48/41
Air Flow Rate	High/Med/Low	m^3/hr	327/261/205	431/332/227	763/593/460	1362/1007/636
Water Connections - CLG - HTG		inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2
Electrical Data	Power Supply		1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWR02AFN	FWR03AFN	FWR06AFN	FWR08AFN
	£472.00	£508.00	£597.00	£759.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWR Accessories

Accessory Ref	02	03	06	08
2-pipe 3-way 230V on/off valve kits c/w lockshields	E2MV03A6		E2MV06A6	E2MV10A6
	£182.00		£182.00	£192.00
4-pipe 3-way 230V on/off valve kits c/w lockshields	E4MV03A6		E4MV06A6	E4MV10A6
	£325.00		£325.00	£342.00
2-Pipe 230v On/Off Pressure Independent Control Valve Kit	FWZSVPIC2V15	FWZSVPIC2V20		FWZSVPIC2V25
	£246.00	£279.00		£417.00
4-Pipe 230v On/Off Pressure Independent Control Valve Kit	FWZSVPIC2V1515	FWZSVPIC2V2015		FWZSVPIC2V2520
	£427.00	£505.00		£680.00
Electric Heater	EEH02A6	EEH03A6	EEH06A6	EEH10A6
	£226.00	£239.00	£255.00	£261.00
Rear Panel	ERPV02A6	ERPV03A6	ERPV06A6	ERPV10A6
	£35.00	£38.00	£46.00	£57.00
Air Intake & Discharge Grille	EAIDF02A6	EAIDF03A6	EAIDF06A6	EAIDF10A6
	£156.00	£187.00	£243.00	£287.00

Accessory Ref	
Vertical Drainpan EDPV6	£8.00
Horizontal Drainpan EDPHB6	£8.00
Condensate Drain Pump - 750mm Lift CDRP1A	£192.00
SHINKA Split Controller - Power Board FWEDA	£151.00
SHINKA Split Controller - Touch Screen Panel (White) SHINKATOUCHWA	£146.00
SHINKA Split Controller - Touch Screen Panel (Black) SHINKATOUCHBA	£146.00
Return Air Sensor FWTSKA	£13.00

Notes:

i) In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units

FWS-AT/AF

Inverter Driven Low Static Concealed Flexi Fan Coil Units







SHINKATOUCHWA



SHINKATOUCHBA

BLDC fan motor unit for horizontal or vertical concealed mounting. Continuous air flow regulation and fan speed modulation

- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Available static pressure up to 50Pa at maximum speed

Concealed Flexi Type 2-pipe			FWS02AT	FWS03AT	FWS06AT	FWS08AT
Capacity (High Speed)	UK Total Cooling	kW	1.10	1.64	2.60	4.38
	Nominal Cooling	kW	1.89	2.91	4.63	7.82
	Nominal Heating	kW	2.15	3.21	4.90	8.22
Dimensions	Length x Width x Depth	mm	535 x 584 x 224	564 x 794 x 224	564 x 1000 x 224	564 x 1214 x 249
Weight		kg	16.9	22.1	26.6	41.6
Sound Power	High/Med/Low	dBA	57/51/49	53/50/45	58/54/41	68/62/55
Sound Pressure	High/Med/Low	dBA	43/37/35	39/37/36	44/40/37	54/48/41
Air Flow Rate	High/Med/Low	m^3/hr	344/271/211	442/341/241	785/605/470	1393/1022/642
Water Connections		inch	1/2	1/2	1/2	3/4
Electrical Data	Power Supply		1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWS02ATN	FWS03ATN	FWS06ATN	FWS08ATN
	£370.00	£395.00	£453.00	£565.00

Concealed Flexi Type 4-pipe			FWS02AF	FWS03AF	FWS06AF	FWS08AF
Capacity (High Speed)	UK Total Cooling	kW	0.99	1.62	2.56	4.30
	Nominal Cooling	kW	1.70	2.86	4.55	7.69
	Nominal Heating	kW	1.70	2.61	4.59	7.30
Dimensions	Length x Width x Depth	mm	535 x 584 x 224	564 x 794 x 224	564 x 1000 x 224	564 x 1214 x 249
Weight		kg	16.9	22.1	26.6	41.6
Sound Power	High/Med/Low	dBA	56/51/49	53/50/45	59/54/50	68/62/55
Sound Pressure	High/Med/Low	dBA	42/37/35	39/36/31	45/40/36	54/48/41
Air Flow Rate	High/Med/Low	m^3/hr	327/261/205	431/332/237	763/593/460	1362/1007/636
Water Connections - CLG - HTG		inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2
Electrical Data	Power Supply		1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWS02AFN	FWS03AFN	FWS06AFN	FWS08AFN
	£408.00	£443.00	£508.00	£635.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWS Accessories

Accessory Ref	02	03	06	08
2-pipe 3-way 230V on/off valve kits c/w lockshields	E2MV03A6		E2MV06A6	E2MV10A6
	£182.00		£182.00	£192.00
4-pipe 3-way 230V on/off valve kits c/w lockshields	E4MV03A6		E4MV06A6	E4MV10A6
	£325.00		£325.00	£342.00
2-Pipe 230v On/Off Pressure Independent Control Valve Kit	FWZSVPIC2V15	FWZSVPIC2V20		FWZSVPIC2V25
	£246.00	£279.00		£417.00
4-Pipe 230v On/Off Pressure Independent Control Valve Kit	FWZSVPIC2V1515	FWZSVPIC2V2015		FWZSVPIC2V2520
	£427.00	£505.00		£680.00
Electric Heater	EEH02A6	EEH03A6	EEH06A6	EEH10A6
	£226.00	£239.00	£255.00	£261.00
Air Intake & Discharge Grille	EAIDF02A6	EAIDF03A6	EAIDF06A6	EAIDF10A6
	£156.00	£187.00	£243.00	£287.00
Front Air Intake	CONV02A6	CONV03A6	CONV06A6	CONV10A6
	£21.00	£23.00	£27.00	£29.00
Plenum Box With Circular Connections (FWS-A Only)	EPCC02A6	EPCC03A6	EPCC06A6	EPCC10A6
	£81.00	£89.00	£113.00	£155.00

Accessory Ref	
Vertical Drainpan EDPV6	£8.00
Horizontal Drainpan EDPHB6	£8.00
Condensate Drain Pump - 750mm Lift CDRP1A	£192.00
SHINKA Split Controller - Power Board FWEDA	£151.00
SHINKA Split Controller - Touch Screen Panel (White) SHINKATOUCHWA	£146.00
SHINKA Split Controller - Touch Screen Panel (Black) SHINKATOUCHBA	£146.00
Cover Box For Electrical Connections FWS08BOXA	£20.00
Return Air Sensor FWTSKA	£13.00

Notes:

i) In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units.

FWP-CT/CF

Inverter Driven Medium Static Ducted Fan Coil Units







SHINKATOUCHWA



SHINKATOUCHBA

BLDC fan motor unit for horizontal concealed mounting. Continuous air flow regulation and fan speed modulation

- Blends unobtrusively with any interior décor: only the suction and discharge grills are visible
- Up to 50% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- 7-speed electrical motors (with thermal protection on windings)
- Available static pressure up to 80Pa at maximum speed

Concealed Ducted Type 2-pipe			FWP04CT	FWP05CT	FWP06CT	FWP08CT	FWP10CT	FWP11CT	FWP15CT	FWP17CT
Capacity (High Speed)	UK Total Cooling	kW	1.13	1.31	1.51	2.06	2.57	2.82	4.09	4.54
	Nominal Cooling	kW	1.95	2.34	3.04	3.79	4.75	5.35	7.38	8.28
	Nominal Heating	kW	1.99	2.35	3.1	4.31	5.17	5.49	7.80	8.46
Dimensions	Height x Width x Depth	mm	250 x 758 x 665		250 x 968 x 665		280 x 1178 x 744			
Weight		kg	24.4	25.4	33.0	36.0	45.0	45.0	51.0	51.0
Sound Power	High/Med/Low	dBA	52/49/28	52/50/39		56/52/38	56/55/38		69/63/61	
Sound Pressure	High/Med/Low		44/41/20	46/42/31		50/44/30	50/47/30		61/55/33	
Air Flow Rate	High/Med/Low	m^3/hr	276/246/109	341/275/171	402/360/195	652/532/305	760/687/333		1289/1163/1050	
Water Connections		inch	1/2				3/4			
Electrical Data	Power Supply		1ph							

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWP04CTN	FWP05CTN	FWP06CTN	FWP08CTN	FWP10CTN	FWP11CTN	FWP15CTN	FWP17CTN
	£563.00	£587.00	£669.00	£688.00	£731.00	£795.00	£953.00	£1,029.00

Concealed Ducted Type 4-pipe			FWP04CF	FWP05CF	FWP06CF	FWP08CF	FWP10CF	FWP11CF	FWP15CF	FWP17CF
Capacity (High Speed)	UK Total Cooling	kW	1.13	1.31	1.51	2.06	2.57	2.82	4.09	4.54
	Nominal Cooling	kW	1.91	2.31	2.72	3.75	4.72	5.32	7.38	8.28
	Nominal Heating	kW	2.06	2.32	3.29	4.24	5.45	5.45	7.06	7.06
Dimensions	Height x Width x Depth	mm	250 x 758 x 665		250 x 968 x 665		280 x 1178 x 744			
Weight		kg	25.8	26.8	34.6	37.6	47.5		53.5	
Sound Power	High/Med/Low	dBA	52/49/28	52/48/39	54/50/39	56/52/38	56/55/38	58/55/38	69/63/61	
Sound Pressure	High/Med/Low		44/41/20	46/40/31	46/42/31	50/44/30	50/47/30		61/55/33	
Air Flow Rate	High/Med/Low	m^3/hr	270/243/109	336/272/170	398/357/195	642/524/302	755/683/333		1289/1163/1050	
Water Connections - CLG - HTG		inch	1/2 - 1/2				3/4 - 1/2			
Electrical Data	Power Supply		1ph							

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWP04CFN	FWP05CFN	FWP06CFN	FWP08CFN	FWP10CFN	FWP11CFN	FWP15CFN	FWP17CFN
	£631.00	£658.00	£751.00	£764.00	£899.00	£970.00	£1,048.00	£1,127.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWP Accessories

Accessory Ref	04	05	06	08	10	11	15	17
3-way 230V on/off valve kits c/w lockshields (Cooling Coil)	E4V2N05OV3WA		E4V2N08OV3WA		E2MV10A6			
	£187.00		£189.00		£192.00			
3-way 230V on/off valve (Heating Coil)	E4VHN08OV3WA				E4VHN17OV3WA			
	£171.00				£180.00			
Pressure Independent Control Valve (2 Pipe Units)	FWBPVPIC2V15			FWBPVPIC2V20A	FWBPVPIC2V20B		FWBPVPIC2V25	
	£265.00			£316.00	£316.00		£481.00	
Pressure Independent Control Valve (4 Pipe Units)	FWBPVPIC2V1015		FWBPVPIC2V1515	FWBPVPIC2V2015A	FWBPVPIC2V2015B		FWBPVPIC2V2515	
	£522.00		£530.00	£580.00	£580.00		£745.00	
Electric Heater	EH060V3A		EH100V36A		EH200V36A			
	£248.00		£288.00		£293.00			
Horizontal Drainpan	EDPD7				EDPD9			
	£27.00				£35.00			
G4 Filter Kit	FG4T1AA		FG4T2AA		FG4T3AA			
	£79.00		£89.00		£99.00			
Plenum Box (Un-insulated) with circular connections	PLT1NAA		PLT2NAA		PLT3NAA			
	£83.00		£114.00		£138.00			
Plenum Box (insulated) with circular connections	PLT1CAA		PLT2CAA		PLT3CAA			
	£108.00		£142.00		£164.00			

Accessory Ref	
Condensate Drain Pump - 750mm Lift CDRP1A	£192.00
SHINKA Split Controller - Power Board FWEDA	£151.00
SHINKA Split Controller - Touch Screen Panel (White) SHINKATOUCHWA	£146.00
SHINKA Split Controller - Touch Screen Panel (Black) SHINKATOUCHBA	£146.00
Cover Box For Electrical Connections FWS08BOXA	£20.00
Return Air Sensor FWTSKA	£13.00

Notes:

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FWN-AT/AF

High Static Ducted Fan Coil Units





SHINKATOUCHWA





SHINKATOUCHBA

BLDC fan motor unit for horizontal or vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- The air filter can easily be removed for cleaning
- Straight duct connector mounted to discharge side
- Available static pressure up to 120Pa at maximum speed

Concealed Ducted Type 2-pipe			FWN04AT	FWN05AT	FWN06AT	FWN07AT	FWN08AT	FWN10AT	FWN12AT	FWN16AT	FWN18AT
Capacity (High Speed)	UK Total Cooling	kW	2.07	2.63	3.41	3.73	4.25	4.73	6.86	9.17	10.12
	Nominal Cooling	kW	3.80	4.65	6.02	6.66	7.58	8.50	12.20	16.80	18.60
	Nominal Heating	kW	4.05	4.83	6.42	7.26	7.88	8.93	12.70	17.30	19.10
Dimensions	Height x Width x Depth	mm	280 x 754 x 559		280 x 964 x 559		280 x 1174 x 559		353 x 1174 x 718	353 x 1384 x 718	
Weight		kg	32.5	33.3	40.6	41.7	47.3	48.7	65.3	77.0	79.5
Sound Power	High / Med / Low	dBA	66 / 61 / 54	66 / 61 / 54	69 / 63 / 59	69 / 63 / 61	72 / 67 / 62	72 / 67 / 62	74/67/60	78/73/69	78/73/69
Sound Pressure	High / Med / Low	dBA	59 / 51 / 46	59 / 51 / 46	55 / 55 / 53	55 / 55 / 53	64 / 58 / 55	64 / 58 / 55	67/60/53	69/66/61	69/65/61
Air Flow Rate	High / Med / Low	m^3/hr	802/700/534	791/692/532	1238/1134/1019	1203/1107/1000	1606/1384/1207	1581/1371/1198	2376/1898/1483	3207/2641/2092	3174/2604/2074
Water Connections		inch	3/4"						1"		
Electrical Data	Power Supply		1ph								
Trade Fan Coil Price			**£614.00**	**£658.00**	**£824.00**	**£964.00**	**£1,145.00**	**£1,212.00**	**£1,676.00**	**£1,879.00**	**£1,958.00**

Concealed Ducted Type 4-pipe			FWN04AF	FWN05AF	FWN06AF	FWN07AF	FWN08AF	FWN10AF	FWN12AF	FWN16AF	FWN18AF
Capacity (High Speed)	UK Total Cooling	kW	2.15	2.62	3.35	3.67	4.19	4.65	6.77	9.13	10.07
	Nominal Cooling	kW	3.76	4.61	5.91	6.55	7.46	8.35	12.1	16.6	18.6
	Nominal Heating	kW	3.91	3.89	5.72	5.65	7.99	7.94	14.4	19.3	19.2
Dimensions	Height x Width x Depth	mm	280 x 754 x 559		280 x 964 x 559		280 x 1174 x 559		353 x 1174 x 718	353 x 1384 x 718	
Weight		kg	34.7	35.5	43.2	44.4	50.3	51.7	71.0	83.0	86.0
Sound Power	High / Med / Low	dBA	66 / 61 / 54	66 / 61 / 54	69 / 63 / 59	69 / 63 / 61	72 / 67 / 62	72 / 67 / 62	74/67/60	78/73/69	78/73/69
Sound Pressure	High / Med / Low	dBA	59 / 51 / 46	59 / 51 / 46	58 / 55 / 53	58 / 55 / 53	64 / 58 / 55	64 / 58 / 55	67/60/53	69/66/61	69/65/61
Air Flow Rate	High / Med / Low	m^3/hr	793/694/531	783/686/529	1211/1115/1005	1182/1088/985	1576/1362/1192	1550/1349/1184	2332/1871/1468	3187/2626/2083	3154/2590/2065
Water Connections - CLG - HTG		inch	3/4"						1"		
Electrical Data	Power Supply		1ph								
Trade Fan Coil Price			**£691.00**	**£757.00**	**£925.00**	**£1,005.00**	**£1,370.00**	**£1,390.00**	**£1,850.00**	**£2,066.00**	**£2,138.00**

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWN Accessories

Accessory Ref	04-05	06-07	08-10	12	16-18
2-pipe 3-way 230V on/off valve kits c/w lockshields	ED2MV04A6	ED2MV10A6		ED2MV18A6*	
	£189.00	**£189.00**		**£199.00**	
2-pipe 3-way 230V on/off valve kits c/w lockshields - Right Hand Units	ED2MVR04A6	ED2MVR10A6		ED2MV18A6*	
	£189.00	**£189.00**		**£199.00**	
4-pipe 3-way 230V on/off valve kits c/w lockshields - Left Hand Units	ED4MV04A6	ED4MV10A6		2 x ED2MV18A6*	
	£353.00	**£353.00**		**£398.00**	
4-pipe 3-way 230V on/off valve kits c/w lockshields - Right Hand Units	ED4MVR04A6	ED4MVR10A6		2 x ED2MV18A6*	
	£367.00	**£367.00**		**£398.00**	
Pressure Independent 2 Way Valves - 2 Pipe Units	FWDNVPIC2V20		FWDNVPIC2V25	FWDNVPIC2V32	
	£295.00		**£383.00**	**£512.00**	
Pressure Independent 2 Way Valves - 4 Pipe Units	FWDNVPIC2V2015		FWDNVPIC2V2520	FWDNVPIC2V3220	FWDNVPIC2V3225
	£524.00		**£642.00**	**£765.00**	**£886.00**
Electric Heater (Standard)	EDEH04A6	EDEHS06A6	EDEHS10A6	EDEHS12A6	EDEHS18A6
	£332.00	**£482.00**	**£504.00**	**£510.00**	**£557.00**
Electric Heater (High Capacity)	-	EDEHB06A6	EDEHB10A6	EDEHB12A6	EDEHB18A6
	-	**£482.00**	**£504.00**	**£510.00**	**£557.00**
Fresh Air intake Kit	EDMFA04A6	EDMFA06A6	EDMFA10A6	EDMFA12A6	EDMFA18A6
	£860.00	**£870.00**	**£890.00**	**£935.00**	**£958.00**
G4 Filter Kit	FSDG404A	FSDG406A	FSDG408A	FSDG412A	FSDG416A
	£20.00	**£22.00**	**£24.00**	**£25.00**	**£17.00**
Cover Box For Electrical Connections	**FWS08BOXA**		**FWS18BOXA**	**FWS08BOXA**	**FWS18BOXA**
	£20.00		**£30.00**	**£20.00**	**£30.00**
Vertical Drain Pan	EDDPV10A6			EDDPV18A6	
	£15.00			**£15.00**	
Horizontal Drain Pan	EDDPH10A6			EDDPH18A6	
	£19.00			**£19.00**	

* Only valve and actuator are supplied.

Accessory Ref	
Condensate Drain Pump - 750mm Lift CDRP1A	**£192.00**
SHINKA Split Controller - Power Board FWEDA	**£151.00**
SHINKA Split Controller - Touch Screen Panel (White) SHINKATOUCHWA	**£146.00**
SHINKA Split Controller - Touch Screen Panel (Black) SHINKATOUCHBA	**£146.00**
Return Air Sensor FWTSKA	**£13.00**

FWF-BT/BF

600 Sq Cassette Fan Coil Units





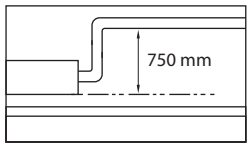
BRC7E530



BRC1HF

AC fan motor unit for ceiling mounting.
Possibility to shut 1 or 2 louvres

- Modern style decoration panel in white (RAL9010)
- Compact casing (570mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Comfortable horizontal auto swing ensures draughtfree operation and prevents ceiling soiling
- Optional fresh air intake
- Possibility to shut 1 or 2 louvres for easy installation in corners
- Standard drain pump with 750mm lift increases flexibility and installation speed



600sq Cassette Type 2-pipe			FWF02BT	FWF03BT	FWF04BT	FWF05BT
Capacity (High Speed)	UK Total Cooling	kW	1.22	2.17	2.87	3.54
	Nominal Cooling	kW	1.70	3.00	3.98	4.90
	Nominal Heating	kW	2.40	3.05	4.61	5.60
Dimensions	Height	mm	285	285	285	285
	Width	mm	575	575	575	575
	Depth	mm	575	575	575	575
Weight		kg	19	19	19	19
Sound Power	High/Med/Low	dBA	44/30/36	44/30/38	50/44/36	55/49/42
Sound Pressure	High/Med/Low	dBA	30/26/22	30/26/24	36/30/22	41/35/28
Air Flow Rate	High/Med/Low	m^3/hr	456/384/300	468/390/318	660/486/318	876/648/420
Water Connections		inch	3/4" BSP Female			
Electrical Data	Power Supply		1 ph			
Chilled Water Cassette Trade Price			**£620.00**	**£662.00**	**£697.00**	**£735.00**
Decoration Panel Trade Price (BYFQ60B3)			**£282.00**	**£282.00**	**£282.00**	**£282.00**
Total Cassette Trade Price			**£902.00**	**£944.00**	**£979.00**	**£1,017.00**

600sq Cassette Type 4-pipe			FWF02BF	FWF03BF	FWF04BF	FWF05BF
Capacity (High Speed)	UK Total Cooling	kW	1.28	2.09	2.73	3.29
	Nominal Cooling	kW	1.79	2.90	3.78	4.57
	Nominal Heating	kW	3.30	3.60	4.70	5.70
Dimensions	Height	mm	285	285	285	285
	Width	mm	575	575	575	575
	Depth	mm	575	575	575	575
Weight		kg	19	19	19	19
Sound Power	High/Med/Low	dBA	44/30/36	46/42/38	52/46/41	57/51/44
Sound Pressure	High/Med/Low	dBA	30/26/22	30/26/24	36/30/22	41/35/28
Air Flow Rate	High/Med/Low	m^3/hr	468/390/318	438/366/300	618/456/300	822/612/390
Water Connections - CLG - HTG		inch	3/4" BSP Female			
Electrical Data	Power Supply		1 ph			
Chilled Water Cassette Trade Price			**£675.00**	**£722.00**	**£753.00**	**£786.00**
Decoration Panel Trade Price (BYFQ60B3)			**£282.00**	**£282.00**	**£282.00**	**£282.00**
Total Cassette Trade Price			**£957.00**	**£1,004.00**	**£1,035.00**	**£1,068.00**

FWF Accessories

Accessory Ref		List Price
Remote wired controller (Madoka)	BRC1HF7	**£113.00**
Wireless remote control heat pump	BRC7E530	**£200.00**
Remote air sensor	KRCS01-1	**£74.00**
Unit/Group adapter pcb	KRP4A53	**£105.00**
Optional pcb for connection to ModBus	EKFCMBCB	**£82.00**
2-Way 230V on/off valve kit	EKMV2C09B	**£90.00**
3-Way 230V on/off valve kit	EKMV3C09B	**£91.00**
Valve control PCB	EKRP1C11	**£156.00**
Installation box for EKRP1C11 valve PCB	KRP1BD101	**£68.00**

Notes:

i) It is not possible to combine both VRV and water based fan coils on the same F1/F2 line.

FWF Valve Control Requirements

2 pipe unit:
1x valve kit EKMV3C09B or
1 x valve kit EKMV2C09B
+ 1 x installation box for PCB KRP1BD101
+ 1 x valve control PCB EKRP1C11

4 pipe unit:
2 x valve kit EKMV3C09B or
2 x valve kit EKMV2C09B
+ 1 x installation box for PCB KRP1BD101
+ 1 x valve control PCB EKRP1C11

FWC-BT/BF

Cassette Fan Coil Units





BRC7F532F



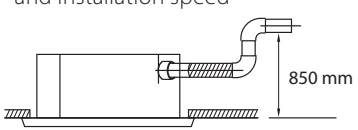
BRC1HF

BLDC fan motor unit for ceiling mounting. 360° air discharge

- 360° air discharge ensures uniform air flow and temperature distribution
- Modern style decoration panel in white (RAL9010)
- Optional fresh air intake
- Comfortable horizontal air discharge ensures draught free operation and prevents ceiling soiling



- Possibility to shut 1 or 2 flaps for easy installation in corners
- Standard drain pump with 850mm lift increases flexibility and installation speed



Cassette Type 2-pipe			FWC06BT	FWC07BT	FWC08BT	FWC09BT
Capacity (High Speed)	UK Total Cooling	kW	3.99	4.43	5.20	5.88
	Nominal Cooling	kW	5.50	6.10	7.20	8.10
	Nominal Heating	kW	6.80	7.70	9.20	10.60
Dimensions	Height	mm	288	288	288	288
	Width	mm	840	840	840	840
	Depth	mm	840	840	840	840
Weight		kg	29	29	29	29
Sound Power	High/Med/Low	dBA	43/36/31	47/39/33	53/44/36	57/49/40
Sound Pressure	High/Med/Low	dBA	29/24/21	33/28/22	39/32/24	43/37/28
Air Flow Rate	High/Med/Low	m^3/hr	1068/894/720	1236/1038/834	1518/1200/888	1776/1410/1044
Water Connections		inch	3/4" BSP Female			
Electrical Data	Power Supply		1 ph			
Chilled Water Cassette Trade Price			**£747.00**	**£797.00**	**£842.00**	**£886.00**
Decoration Panel Trade Price (BYCQ140C)			**£215.00**	**£215.00**	**£215.00**	**£215.00**
Total Cassette Trade Price			**£962.00**	**£1,012.00**	**£1,057.00**	**£1,101.00**

Cassette Type 4-pipe			FWC06BF	FWC07BF	FWC08BF	FWC09BF
Capacity (High Speed)	UK Total Cooling	kW	4.27	4.60	5.32	6.02
	Nominal Cooling	kW	5.90	6.30	7.20	8.30
	Nominal Heating	kW	6.90	7.80	9.20	10.40
Dimensions	Height	mm	288	288	288	288
	Width	mm	840	840	840	840
	Depth	mm	840	840	840	840
Weight		kg	29	29	29	29
Sound Power	High/Med/Low	dBA	43/36/33	47/36/36	53/44/36	47/49/40
Sound Pressure	High/Med/Low	dBA	29/24/21	33/28/22	39/32/24	43/37/28
Air Flow Rate	High/Med/Low	m^3/hr	1032/864/708	1200/1002/804	1476/1164/852	1746/1374/1014
Water Connections		inch	3/4" BSP Female			
Electrical Data	Power Supply		1 ph			
Chilled Water Cassette Trade Price			**£935.00**	**£998.00**	**£1,044.00**	**£1,088.00**
Decoration Panel Trade Price (BYCQ140C)			**£215.00**	**£215.00**	**£215.00**	**£215.00**
Total Cassette Trade Price			**£1,150.00**	**£1,213.00**	**£1,259.00**	**£1,303.00**

FWC Accessories

Accessory Ref		List Price
Remote wired controller (Madoka)	BRC1HF7	**£113.00**
Wireless remote control heat pump	BRC7F532F	**£126.00**
Remote air sensor	KRCS01-4	**£62.00**
Unit/Group adapter pcb	KRP4A53	**£105.00**
Optional pcb for connection to ModBus	EKFCMBCB	**£82.00**
Remote on/off control interface kit	EKRORO	**£17.00**
2-Way 230V on/off valve kit	EKMV2C09B	**£90.00**
3-Way 230V on/off valve kit	EKMV3C09B	**£91.00**
Valve control PCB	EKRP1C11	**£156.00**
Installation box for EKRP1C11 valve PCB	KRP1K98A	**£42.00**

Notes:

i) It is not possible to combine both VRV and water based fan coils on the same F1/F2 line.

FWF Valve Control Requirements
2 pipe unit:
1 x valve kit EKMV3C09B or
1 x valve kit EKMV2C09B
+ 1 x installation box for PCB KRP1K98A +
1 x valve control PCB EKRP1C11

4 pipe unit:
2 x valve kit EKMV3C09B or
2 x valve kit EKMV2C09B
+ 1 x installation box for PCB KRP1K98A
+ 1 x valve control PCB EKRP1C11

FWT-HTV/D

Wall Mounted Fan Coil Units





BRC51D67



ARC485B2

Cased High Wall Mount Type 2-pipe			FWT02HT	FWT03HT	FWT04HT	FWT05HT	FWT06HT
Capacity (High Speed)	UK Total Cooling	kW	1.5	1.67	2.12	2.87	3.32
	Nominal Cooling	kW	2.43	2.07	2.61	3.56	4.19
	Nominal Heating	kW	2.73	2.96	3.72	4.89	6.24
Dimensions	Height	mm	288			317	
	Width	mm	870			1089	
	Depth	mm	234			275	
Weight		kg	10.0			14.6	
Sound Power	High/Med/Low	dBA	46/43/39	49/44/39	55/52/45	55/51/48	59/54/51
Sound Pressure	High/Med/Low	dBA	34/29/25	35/30/26	42/39/32	42/38/34	46/42/39
Air Flow Rate	High/Med/Low	m³/hr	442/391/340	476/416/357	629/544/425	866/765/663	1053/883/782
Water Connections		inch	3/4				
Drain Connection		mm OD	16.5				
Electrical Data	Power Supply		1 ph				

Trade Fan Coil Price - No Valve	**£361.00**	**£376.00**	**£414.00**	**£520.00**	**£552.00**

	FWT02HTVD	FWT03HTVD	FWT04HTVD	FWT05HTVD	FWT06HTVD
Trade Fan Coil Price - c/w 3 Way Valve	**£452.00**	**£471.00**	**£538.00**	**£651.00**	**£696.00**

Loose Accessories / Options:

Accessory Ref	02-06
Standard wired remote controller	BRC51D67
	£114.00
Wired remote controller	ARC485B2
	£28.00
MODBUS Gateway	FCBAG
	£42.00

BLDC fan motor unit for wall mounting

- High aesthetic cabinet design
- Optimum air distribution
- Easy to install
- Wireless remote control up to 9m distance
- Wide operating range
- Low operating sound level
- Insulated with self-extinguishing class 1 heat insulation
- Two stage filtration (Gin-Ion & PM 2.5)
- Flash Streamer technology
- Inbuilt 3-way control valve
- BMS controls (Modbus)

Daikin Service for Applied Products

Chiller and AHU Commissioning

Daikin UK offers a full commissioning service for our Applied Product ranges to ensure these products are set up to perform as designed from equipment start-up. Equally, this service can be offered to fulfil seasonal commissioning requirements to optimise system operation.

Model	Description	Net Price
UK.FSCC/SMALL	Commissioning for small size chiller <90kW (price per chiller)	£1,082.00
UK.FSCC/MEDIUM	Commissioning for medium size chiller 90-999kW (price per chiller)	£1,463.00
UK.FSCC/LARGE	Commissioning for chiller large >1000kW ~ (price per chiller)	£1,654.00
UK.FSC/ADT	Commissioning For Modular AHU (Price per AHU)	£929.00
UK.FSC/ADT/CH	Commissioning For Modular AHU and <70kW Chiller (Price per AHU)	£929.00
UK.FSC/ADT/DX1	Commissioning For Modular AHU and 1 x Condensing Unit (Price per AHU)	£929.00
UK.FSC/ADT/DX2	Commissioning For Modular AHU and 2 x Condensing Units (Price per AHU)	£1,366.00

Notes:

i) Commissioning is mandatory on all Chillers and Heat Pumps as indicated on the product overview pages 294 & 304

Chiller and AHU Service and Maintenance

Daikin UK maintenance contracts ensure that the HVAC equipment is supported to keep it operating in peak condition. Our services aim to prevent small maintenance issues from becoming catastrophic system breakdowns that disrupt your customers' business operations.

Savings can be achieved by mitigating unexpected downtime and unnecessary equipment failures due to wear & tear

Longer life is achievable through preventative maintenance, lowering the cost of ownership allowing your business to focus resources elsewhere

Smarter functionality through regular inspections keeps the equipment in optimum condition for precise environmental control, minimising operational costs and reducing the number of unexpected breakdowns

Regulatory compliance F-Gas and quality checks are performed and recorded to ensure the safe operation of the equipment

For more information on our Service and Maintenance packages visit **daikin.co.uk/service** or contact our service team on **servicesales@daikin.co.uk**

Daikin On Site Chiller and AHU Remote Monitoring

Daikin's remote cloud server collects operational data 24/7 from the control system of a Daikin chiller or air handling unit plant. Daikin then turns this real time data into useful information on a web user interface which can be viewed using standard web browsers, making it suitable for any web-compatible device accessed by users with predefined access roles.

Three versions of access levels are available: a PREMIUM version that offers full functionality (10 year data history, 500 data points, leak detection, trend analysis, etc.); a PARTNER version that offers core features (1 year data history and 200 data points); and a CONNECT version that offers core features (one year data history and 100 data points), suitable for smaller air handling units and chillers).

You can trust Daikin's remote monitoring to be secure in all aspects such as data privacy, data storage security and data transport.

The primary benefit of Daikin's remote monitoring system is that your system's data and process data are collected and stored centrally during the system's lifecycle. The data is available whenever needed to make evaluations and to provide valuable information about the system's operating state, reliability and efficiency.

Daikin's remote monitoring is designed to:

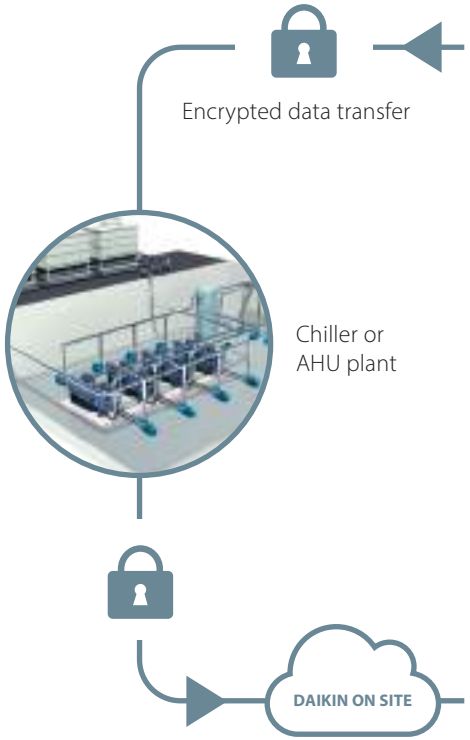
- Increase uptime, reduce unscheduled interruptions
- Optimise efficiency and reduce energy waste
- Increase lifetime and avoid wear by misuse
- Give insight into the optimum use of equipment, including advice from a Daikin expert

Combine Daikin's remote monitoring with a service programme best suited to your needs.

Model	Description	Net Price
UK.FS.DOS/PREMIUM	DoS Premium Version (Access per Chiller or AHU)	£500.00
UK.FS.DOS/PARTNER	DoS Partner Version (Access per Chiller or AHU)	£385.00
UK.FS.DOS/CONNECT	DoS Connect Version (Access per Chiller or AHU)	£125.00
UK.FS.DOS/INSTALL	One off cost per Chiller for installation of Modem if not undertaken at commissioning or existing unit	£490.00
UK.FS.DOS/MODEM	One off cost per Chiller for Modem if Option 155 (DoS Modem) not factory mounted If LAN available on site, Modem not required	£490.00

Note: Sim Cards are not supplied by Daikin for the above after sale options.
When Daikin on-Site is fitted and activated, license is obligatory.
With LAN plugged directly into the chiller controller, DoS Modem is not required.

Please contact your regional service department for further information on these services.

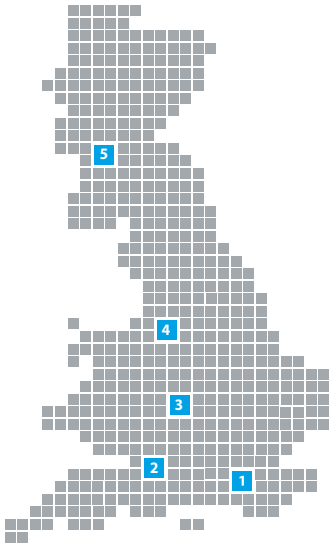


Training & Services

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National Solutions Centre	333

Training with Daikin

Training Around the UK





daikintraining.co.uk

Unlock the full potential of Daikin technology with our industry-leading training programmes. Designed for installers, commissioning engineers, service technicians, and maintenance specialists, Daikin courses give you the skills and confidence to deliver exceptional performance for your customers.

1 National Technology Centre
21 Woking Business Park
Albert Drive, Woking
Surrey GU21 5JY

2 Bristol Training Academy
Daikin Airconditioning UK Limited
Maple House, Brotherswood Court
Great Park Road, Almondsbury
Bristol BS32 4QW

3 Birmingham Training Academy
Daikin Airconditioning UK Limited
2470 Regents Court, The Crescent
Birmingham Business Park
Birmingham B37 7YE

4 Manchester Training Academy
Daikin Airconditioning UK Limited
17 Cobra Court, Blackmore Road
Manchester M32 0QY

5 Glasgow Training Academy
Daikin Airconditioning UK Limited
Unit 2, Glasgow Airport Business Park
Marchburn Drive
Paisley PA3 2SJ

Our comprehensive range of courses- covering installation, commissioning, maintenance, service, and fault-finding - are available both online and at our state-of-the-art regional Training Academies.

For those looking to refresh their knowledge, we also offer short, focused web-based training sessions tailored to specific products. These sessions are ideal for customers who have already completed the relevant core training and want to stay up to date with the latest Daikin innovations.

To support a flexible and blended learning journey, we also provide a wide range of eLearning modules. These self-paced online courses allow learners to build knowledge at their own convenience and complement both live-streamed and in-person training.

Booking is quick and simple at **daikintraining.co.uk**, where you can explore our full catalogue of courses and view upcoming dates at Training Academies across the UK.

Daikin training is available through engaging live-streamed online modules or immersive full-day, in-person sessions at our market-leading Training Academies in Woking, Bristol, Birmingham, Manchester, and Glasgow.

To discover upcoming Live Streaming sessions, eLearning opportunities, and in-person courses - and to secure your place - visit the Daikin UK booking website at daikintraining.co.uk.

Once registered, you'll gain access to your personal training account, allowing you to track your progress, manage bookings, and download your official Daikin training certificates with ease.

Daikin Training Centre

A Daikin Training Centre is more than just a classroom—it's a hub for excellence, a showcase of cutting-edge HVAC technology, and a learning environment that builds the technicians of tomorrow.

With premium facilities, expert trainers, and hands-on learning at its core, Daikin ensures every trainee leaves confident, capable, and ready to deliver best-in-class heating and cooling solutions.

A Daikin Training Centre represents the gold standard in HVAC education - purpose-built to inspire confidence, develop technical excellence, and showcase Daikin's commitment to innovation and sustainability. These centres are carefully designed environments where heating and cooling professionals gain hands-on expertise with real systems in realistic conditions.







LCL Awards Level 3 training

Daikin UK now offers the LCL Awards Level 3 Award in the Installation and Maintenance of Air Source Heat Pump Systems (non-refrigerant circuits).

This industry-leading training, delivered by experts on cutting-edge equipment, will help installers become fully competent in the installation of Heat Pumps.

The course is covered by two days of training followed by one day of assessment, including online multi-choice theory exams and practical assessments.

Pre-requisites for ASHP Installer Course

N/SVQ Level 2/3 in a relevant trade or Heating installers with experience installing wet central heating systems, evidenced either by registration with Gas Safe Register (CENWAT), OFTEC (OFT10-105E or OFT15-108W), MCS (Heat Pump or Solar Thermal Hot Water) or HETAS (H004) registration.

The experience in these sectors will normally be 3 years.

In addition if not included in the above qualifications:

- Water Regs UK Water Regulations/Water Byelaws or equivalent
- Hot Water Storage Systems & Safety Approved Document (AD) G3
- Low Temperature Heating and Hot water Systems in Dwellings

City & Guilds Assured

Training that sets you apart

Daikin UK is the first HVAC manufacturer to earn City & Guilds Assured recognition for heat pump training. It's independent validation that the training you complete with us meets world-class quality standards.

Backed by City & Guilds

City & Guilds Assured is a global quality benchmark for in-house training, built on almost 150 years of skills expertise. It recognises that Daikin's training meets the rigorous standards City & Guilds expects across programme design, delivery and management.

In short, City & Guilds Assured is a mark of quality: complete the training and you earn an independently recognised credential, the Daikin Altherma Heat Pump Technician.

Now live: Daikin Altherma Heat Pump Technician

The Altherma package is made up of three courses totalling four days: Altherma Monobloc Installation, Altherma Commissioning and Advanced Installation, and Fault Finding and Diagnostics. Take them back-to-back or at your own pace. There's no set timeframe to complete them, and once earned, the credential never expires. On completion, you'll receive a certificate bearing the City & Guilds Assured logo and can use the digital credential in your own marketing.

Find out more: **daikintraining.co.uk**







National Solutions Centre

Meeting the increased demand for high quality, bespoke solutions across the UK, Daikin UK is committed to working with you to tailor our systems and solutions to your exact requirements.

At our brand new National Solutions Centre in Thornbury, Bristol, Daikin UK is pleased to offer a range of bespoke solutions. These cover Split & Sky Air, VRV and Altherma product ranges, as well as customised accessories and controllers to enhance and improve system performance. The experts in our National Solutions Centre offer a wealth of experience in unit modification and made-to-order solutions for customers across the whole of the UK. As a result, we have seen an increase in the demand for bespoke solutions.

Our innovative solutions have been created with ease of installation and optimisation of the end-user experience, from vinyl condenser wraps to strip and rebuild of VRV systems. All these modifications maintain the units' CE marking.

Typical modifications include:

- Condenser wrapping
- Repainting indoor and outdoor units
- Strip and rebuilds
- Blygold coating
- Cassette collars
- Creating weather-proof enclosures for VAM Total Heat Exchangers
- Adding multi-box valves
- Precision Piping Method for VRV systems
- Customisation of controls
- Plenums



Wrapping

Daikin UK's condenser wrapping service is a unique offering, in which bespoke patterned vinyl wraps are applied to disguise or make a feature of outdoor condenser units.

Based on customer photographs, a high quality printed vinyl wrap with laminate cover will be carefully applied to the unit. This will then be delivered to the customer site from the National Solutions Centre.

Lead time: 2-3 weeks from receipt of photo
Applicable units: All outdoor condensers



Bespoke re-sprays

If you require units in customised shades for aesthetic or planning reasons, we offer a unit repainting service to any specified RAL or BS finish.

Our offering provides a uniform, long-lasting and professional finish. This service usually takes 2-3 weeks (from receipt of the unit in our workshop) and is available for all units.

Lead time: 2-3 weeks
Applicable units: All



Strip and rebuild

Strip and rebuild offers the benefit of time and cost savings by having VRV outdoor units delivered to site in portable components, so that they can be transported to the roof without the need for cranes and road closures. For more information, please refer to page 122.

Lead time: 3 weeks
Applicable condensers: All VRV condensers

Blygold treatment for heat exchangers

Daikin UK offers additional treatment for Heat Exchangers to protect against corrosion and pollution, ensuring the long term efficiency of the units.

We apply a Blygold treatment to the coil and fins. This is recommended for salt-laden air (coastal) projects or areas in which high levels of pollutants can create a barrier between the air and the heat exchanger.

Lead time: 2-3 weeks
Applicable units: All condensers

To discuss your requirements for tailored solutions, please contact your Daikin representative, who will liaise with the National Solutions Centre to provide you with a quote and lead time.

Indoor Unit Additions

Cassette collars
For use with Roundflow cassettes VRV/SkyAir

Daikin UK now offers bespoke ceiling cassette collars for use where there is insufficient ceiling void depth to install a traditional cassette. The latest range of cassette collars has been designed to be robust, durable and easy to install.

The new bespoke cassette collars are compatible with both VRV and Sky Air Compact Roundflow Cassettes, High COP Roundflow Cassettes and are available in three depths: 50mm, 100mm and 150mm.

Weatherproof enclosure – VAMs
VAM-FC/J8
Weatherproof enclosures for VAM Total Heat Exchangers

In situations where VAM units will not fit in a ceiling void, weatherproofing options allow VAM units to be installed on a roof and then ducted into the space requiring fresh air, allowing more types of property to benefit from improved indoor air quality. These enclosures are fitted to the VAM units by our National Solutions Centre, so they arrive on site ready for you to connect to the ductwork.

The enclosures are rated to IP44 to prevent ingress of the British weather from interfering with the operation of the unit. Please note that pre-heaters cannot be used with the enclosures. Weatherproofing is available for all J8 and FC series units.

Lead time: up to 6 weeks



Multi box with valves
New modifications available for VRV Multi BS box with isolation valves

Further increasing the flexibility of the Multi BS boxes, we are now able to offer the full range of Multi BS boxes with pre-installed valves, which allow indoor units to be added without altering system pipework. New indoor units can be added without removing refrigerant from the rest of the system, avoiding the need to pump down/vac out/recharge the whole system.

Lead time: 3-5 weeks

Precision Piping Method (PPM)
Precision Piping Method for VRV systems

Daikin PPM is a new method of piping manufacture for VRV installations, in which pipework preparation, bending, brazing and testing are completed in factory controlled conditions, before the pipework sections are delivered to site.

For more information, please see page 193.

Controls

Daikin offers customisation of controls including:
- kWhr meter panels for monitoring the electrical power consumption of VRV systems
- Refrigerant leak detection systems for category class A spaces
- Madoka remote controller shrouds to avoid the need for wall redecoration when a controller is replaced
- Madoka wired touch screen remote controller finishes in brushed chrome, polished chrome and polished brass
- Automatic changeover panels for use with Split & Sky Air

Lead time: usually 3-4 weeks





Plenums

Daikin UK now offers supply air and return air plenums to allow connection of 200mm flexible ductwork to FXSQ-A, FBA-A, FXDQ, FDXM, FXMQ, FXSA-A and FXDA-A series units. Plenums are applicable to all Sky Air and VRV systems and are available from stock at the National Solutions Centre.







Heat Source

Unless otherwise indicated, all units within this price book are air-cooled.

Electrical Installation Guidance

Daikin air conditioners must be installed to the local electrical regulations and all outdoor units should be protected with type 2 RCD devices as noted in our installation instructions.

Seasonal Efficiency

Split and Sky Air
Systems of up to 12kW must now show Seasonal Efficiency Ratings instead of Nominal Efficiency Ratings. These ratings (SEER for cooling, SCOP for heating) represent how effective a system is throughout the year, and are in accordance with EN14825. For more information on Seasonal Efficiency, visit www.daikin.co.uk/seasonal-efficiency

For Daikin UK, this means all our Split and Sky Air products up to 12kW display SEER and SCOP data along with Energy Label information and Annual Energy Consumption of the system. The AEC is based upon 500 hours use per year.

VRV η_s %
η_s % is defined as the seasonal space energy efficiency as per LOT21 Ecodesign Directive (Erp) for commercial heating and cooling products.

Nominal Efficiency

This measure of efficiency is calculated by dividing the capacity output of a unit by the power required to deliver it. For cooling, this is expressed as EER, for heating as COP.

Nominal Efficiencies are used for systems above 12kW. It is not possible to compare Nominal and Seasonal Efficiency ratings due to the different calculation methods used.

DAIKIN

oceanair
THE SPECIALIST DISTRIBUTOR

North

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Millennium Business Park
Mansfield
NG19 7JY

Email: info@oceanairuk.com
Tel: 01623 412582

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Oceanair UK Ltd
Unit 7 Enterprise Court
Metcalf Way
Crawley
RH11 7RW

Email: sales@oceanairuk.com
Tel: 01293 852550

Departments

Sales	N:	01623 412582	Technical	N:	01623 412586
	S:	01293 852550		S:	01293 649381
Spares		01623 412583	Accounts		01623 412587
Design		01293 649381			

Technical Submission at point of quotation – see inside cover

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