

# Daikin UK Residential Price Book

Residential solutions including our R-32 range of air-to-air and air-to-water heat pumps, indoor air quality systems, and the new R-290 Altherma 4

**April 2025**



# Contents

Welcome to Daikin	ii	Air-to-Water Heat Pump	1
The Sustainable Home Network	vi	Hybrid Heat Pump / Gas Boiler	45
Partner Portal	vii	Smart Controls	55
Lead Management Tool	viii	Heat Pump Convector & Underfloor Heating	61
Your Business Development Fund	ix	Ventilation	73
My Daikin Portal	x	Indoor Air Quality	81
Daikin ProShop	xi	Residential Splits	89
Supporting Tools	xii	Training and Services	115
Product Highlights	xiv		

# Welcome to Daikin

Welcome to Daikin UK. We hope you will find the following information useful to help you navigate your way to all the support and resources we can offer you, as you take the next steps in your heating renewables journey.

## Your Daikin contacts

‘It’s not what you know, it’s who you know’, as the saying goes. And our teams are on standby to take your call and help you, every step of the way.

To help you find the right people to talk to, please see our separate contact sheet offering the names and contact details of the people in each department who can assist you.

As a general introduction, here are the most important departments that you might need to contact and what they can help you with:

Department	Responsibilities	Contact details
Sales engineer	<ul style="list-style-type: none"><li>▪ Advice on all business aspects</li></ul>	See your Heating Team contact details sheet.
Training	<ul style="list-style-type: none"><li>▪ Book training courses<ul style="list-style-type: none"><li>- daikintraining.co.uk</li></ul></li></ul>	Tel: 01932 879260 / Email: training@daikin.co.uk
Finance	<ul style="list-style-type: none"><li>▪ Account opening and queries</li><li>▪ Credit terms</li><li>▪ Invoice payments</li></ul>	Tel: 01932 879000 Email: ukcreditcontrol@daikin.co.uk
Marketing	<ul style="list-style-type: none"><li>▪ Support with access to Daikin digital platforms:<ul style="list-style-type: none"><li>- sustainablehomenetwork.daikin.co.uk</li><li>- standbyme.daikin.co.uk</li><li>- my.daikin.co.uk</li><li>- Lead Management Tool</li></ul></li><li>▪ Support for Sustainable Home Network partners</li><li>▪ Set up and support for Sustainable Home Centres</li></ul>	marketing@daikin.co.uk
Order management	<ul style="list-style-type: none"><li>▪ Order processing</li></ul>	heating@daikin.co.uk
National installer hub	<ul style="list-style-type: none"><li>▪ Selection and application advice</li><li>▪ Assist with system design</li><li>▪ Prepare quotations</li><li>▪ Customer service</li></ul>	Tel: 01932 879070 Option 1 for Heating Pre-Sales & Option 2 for Customer Support Email: heating@daikin.co.uk
Service technical helpdesk	<ul style="list-style-type: none"><li>▪ Advice in case of installation errors and faults</li></ul>	Tel: 01932 879277
Regional after sales service	<ul style="list-style-type: none"><li>▪ Arrange installation and commissioning visits</li><li>▪ Arrange in-warranty call outs</li></ul>	<p><b>London and Eastern Region Service Centre</b> Tel: 01932 879274 / Email: weybridgeservice@daikin.co.uk Please call this number for site visits in the South East including London, the Home Countries and East Anglia.</p> <p><b>Western and Midlands Region Service Centre</b> Tel: 01932 879278 / Email: bristolservice@daikin.co.uk Please call this number for site visits in the South West, Midlands and Mid &amp; South Wales.</p> <p><b>Northern Region</b> Tel: 01932 879279 / Email: northernservice@daikin.co.uk Please call this number for site visits in Northern England, North Wales, Scotland and Northern Ireland.</p>

# The National Installer Hub

Helping you be the change Britain needs

As a member of the Sustainable Home Network, your skills and knowledge are a vital part of powering the UK's transition to low carbon heating. So the National Installer Hub is available to ensure you have the first-rate support and service you need from the moment you join us.

The National Installer Hub provides our installer network with a 'one-stop shop' for all sales and pre-sales enquiries and questions.

With a dedicated team to provide you with advice, assistance and excellent levels of customer service, you'll experience the very best of Daikin's support.

The National Installer Hub means you have **just one point of contact for all sales and pre-sales enquiries**. Even if you're one of our many air-conditioning installers diversifying into the domestic heating market, the National Installer Hub can assist you with any pre-sales technical requirements.

It means you won't need to rely on your local sales engineer being available to answer your queries between meetings or appointments. Instead, they can focus on what they do best: developing your business opportunities, working with you on sales lead generation and scoping potential projects.

## Contacting the team

As the sustainable heating market continues to grow, we're committed to investing in the quality support and excellent customer service that you – and your customers – need. Based in the Midlands, our team has **just one contact e-mail address and phone number** to make note of. Every request can be handled by the same team, whether your enquiry is sales, or pre-sales related.

**Email:** [heating@daikin.co.uk](mailto:heating@daikin.co.uk)

**Telephone:** 01932 879070

Option 1 for Heating Pre-Sales

Option 2 for Customer Support



Change is here

And so is opportunity



**The heat pump market is booming** with increasing concerns around climate change and positive attitudes towards sustainability all driving demand for a revolution in heating technology.

The UK is committed to reducing emissions to zero by 2050, so the government needs to take drastic action. It's looking ever more likely that a key part of their plans will be a ban on gas boilers, starting from as early as 2025.

**But heat pumps aren't the only trend being driven by a changing world.**

**Demand for residential air conditioning systems is growing too**, largely driven by increasing global temperatures and changing regional climates. And heating and cooling aren't the only concerns. The air purifier market is also expanding due to a rise in awareness of the health impacts of indoor air quality and pollution.

**For installers like you, change means opportunity**

The opportunity to grow your skillset. Expand your business operations. Reach new customers. Broaden your horizons.

**With the right partner in quality technology by your side, you can take advantage of these developing technology markets and push the potential of your own business too.**

At Daikin, we're a trusted supplier of some of the world's most efficient, high-performance heating, cooling and ventilation solutions. And we're keeping pace with Britain's demand for healthier, more comfortable, more sustainable homes.

Join us. And together, we can be part of the climate solution





## Train with the market leaders

We've been leading the heat pump revolution for years, with more than one million Daikin Altherma heat pumps installed in homes across Europe to date. And now, we want even more skilled installers to join us.

We offer a wide range of online and in-person training to suit you. So whether you're an experienced plumbing and heating engineer looking to improve your skills and offer new products, or are thinking of applying for MCS registration, we can help you achieve your goals.



## Grow your business with Daikin

Daikin is a name synonymous with quality, worldwide. From Japan to Belgium; from the United States to Sweden. Over the last few years, we've been strengthening our presence in the UK market, too, establishing ourselves as leaders in the domestic heat pump space.

With a fleet of branded vehicles on the road, and our two mobile showrooms building the Daikin brand at events, plus media coverage of our Sustainable Home Centres and many projects around the UK, national awareness of the Daikin brand and of the merits of heat pumps continues to grow apace.

When you join our network of trusted installers, you're joining us on our journey to create comfortable, sustainable lives for people across the country.

**And every time your customers see our name, they'll think of yours too.**

See more about joining the **Sustainable Home Network**, overleaf.



## Join the UK's fast-growing network of skilled installers

Britain's homeowners are looking for more sustainable ways to heat their homes. The **Sustainable Home Network** is your opportunity to **be part of the renewable heat revolution**.

You'll have the opportunity to be part of a fast-growing network of skilled installers, with all the support of the global Daikin brand name.

And as part of our work to grow our brand in the UK, we're helping our affiliated installers to grow their own businesses too. Our marketing campaigns are already generating many warm leads for our residential installers.

Find out more about the **Sustainable Home Network**, overleaf.

# The Sustainable Home Network

## Turning change to your advantage

Homeowners across the nation are looking for a more eco-friendly home heating solution. Now, you can be the change Britain needs by joining the Sustainable Home Network, with Daikin. The Sustainable Home Network programme offers a tailored solution for businesses of all sizes – no matter where you are on your renewable heating journey.

By joining us either as a **Sustainable Home Installer**, a **Sustainable Home Expert**, or by opening a **Sustainable Home Centre** in your region – you can power the UK's sustainable heating movement in a way that suits you best.

### Sustainable Home Installer

#### *Your first step towards a sustainable future*

You only need to complete one Daikin training course to become a registered **Daikin Sustainable Home Installer**.

You can complete your training online, or at one of our training centres, equipped with the latest Daikin technology.

As a Sustainable Home Installer, in addition to our standard customer benefits, you'll receive:

- A **3-year end-user warranty** for your customers
- A **free welcome pack worth £150** including branded workwear and office supplies
- **Expert sales and accreditation support** from our network of Sustainable Home Centres
- A full suite of **marketing materials and merchandise** to support your sales
- **Live qualified sales leads** from homeowners in your area
- Access to the **partner portal for training** where you can book online training, process orders, track deliveries and find your selection tools and rewards

### Sustainable Home Expert

#### *Leading the change in renewable heat*

Once you have gained experience in our full range of low temperature, high temperature and hybrid solutions, you can become a **Sustainable Home Expert**.

As a Sustainable Home Expert, you can work on larger specified projects as well as having access to our air-to-air range of heat pumps for residential cooling and heating. Not only can you buy products directly from Daikin, you could even open your own Daikin showroom, completely supported by us.

In addition to all the Sustainable Home Installer benefits, Sustainable Home Experts receive:

- A **5-year end-user warranty** for your customers
- **Dual branded merchandising and marketing materials** complete with your direct contact details
- **Access to our exclusive mobile showrooms**
- A **dedicated personal account contact** and additional system design support
- A **business development fund** to spend on marketing, events and rewards, see page ix for details



### Sustainable Home Centre

#### *Be a pioneer of the sustainable heat revolution*

Our **Sustainable Home Centres** are a hub for people to visit and see our heat pump solutions in person. As a local showroom and stockist, a Sustainable Home Centre showcases a core range of renewable heating and hybrid solutions, and can even include residential AC and air purification solutions too.

By opening a Sustainable Home Centre, you'll be able to offer advice, support and training to local installers, acting as a local centre of excellence and reseller with your own network of installers, while ensuring the highest level of service to installers who are new to the renewables market. It's just one more way to establish your reputation in the heat pump market across your entire region.

In addition to all the Sustainable Home Expert benefits, Sustainable Home Centres receive:

- **Free showroom display panels** with complete artwork
- **£3000 towards branding, marketing materials and signage** for the initial set up of your Sustainable Home Centre in your first year
- A **business development fund of 2% of your annual turnover** for you to spend on marketing, events and rewards, see page ix for details
- **Active promotion of your Sustainable Home Centre** via Daikin's online channels and active campaigns
- **Preferential pricing on our range of products**, meaning you can sell directly to Sustainable Home Installers



# Digital Platforms

to support your business



## Partner portal

As a member of the Sustainable Home Network, you can access **partner.daikin.co.uk** where you'll find an entire range of useful resources.

Here you will be able to:

### Access resources:

- Download warranty pack, handover checklist, maintenance record and commissioning code stickers
- Access Stand By Me to register warranties
- Download your Sustainable Home Network certificate
- Review your sales and training days for the year
- Request additional users to access the portal
- Access the My Daikin Library (data books, O&M manuals, image library etc)

### Help & Support

- Register your engineers for the priority helpdesk
- View video How To guides

### Business Development Fund (BDF)

- Submit claims on your BDF
- Review claims on your BDF
- Order branded merchandise through our branding partners
- Order R32 gauges
- Love2Shop vouchers

### Marketing

- Download literature and create dual branded literature
- Access case studies, videos and image library
- Download the Sustainable Home Network logos
- Request the Sustainable Home Network showmobile
- Get artwork for van livery

### Managing your Sustainable Home Network account

There are two levels of access for the Sustainable Home Network portal, **Administrator** and **Standard** - and you can have any number of users at either level.

**Administrators** will be able to see the sales figures and see and redeem the Business Development Fund. They are also able to request additional users and register your company engineers for the priority help desk.

**Standard users** will not be able to see the sales figures, or see or redeem the Business Development Fund. They can however access the rest of the portal so they can use the marketing tools available.

## Stand By Me

Stand By Me provides an integrated environment on **standbyme.daikin.co.uk** for you to manage your residential installations - from the very first contact with your potential clients, to handing over the completed system.

Providing all the tools and information you need, Stand By Me offers a database of your installations and warranties, with easy online access to everything in one place including:

- Heating Solutions Navigator selection tool to help you put together professional system designs and quotes
- Online commissioning and handover
- Database of project leads, commissioned installations and registered warranties
- A live record of your Daikin installations and maintenance schedules
- Easy administration of product warranties
- Direct access for your customers to warranty extension and maintenance package options

**For every installation you register on Stand By Me, you'll gain additional contributions to your Business Development Fund (see page ix), which you can redeem on the Partner portal (see left).**

As soon as you've commissioned the system, your customer will receive a code via email so they can register their warranty on Stand By Me. They can then activate their free warranty extension from 1 year to 3 years if you're a Sustainable Home Installer, or to 5 years if you're a Sustainable Home Expert.

Your project database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.



# Daikin Community

## Lead Management Tool

### Lead management from Daikin

At Daikin, we've been investing heavily in telling Britain's homeowners about our products, and helping even more customers to make the switch to renewable heat.

Using a mix of digital and press advertising, targeted mailouts, TV and radio commercials, we're attracting more new leads than ever before – and we want to **share those leads with experts like you in our Sustainable Home Network**.

When a prospective customer requests an installer, we'll send this lead straight to the most suitable engineer via the **Daikin Community Lead Management Tool**. It's just one more way you can start growing your business today with Daikin.

### How to register

If you would like to join the lead management tool, please complete the online training module on the Daikin Academy. It takes about 20 minutes to complete and will show you the key features of the system through engaging videos and interactive questions.

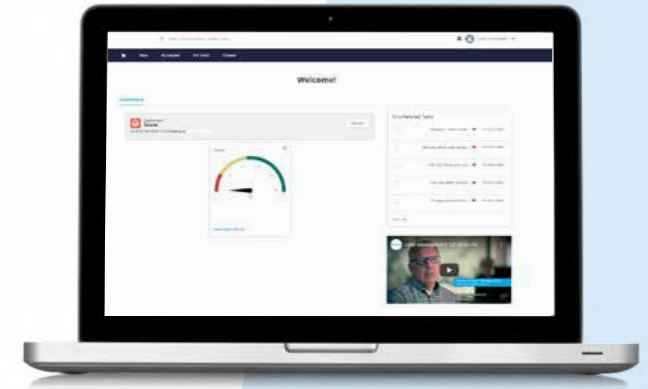
If you prefer a one to one training session through a video call, please either contact your Daikin account manager or email **sustainablehomenetwork@daikin.co.uk** and we will be happy to arrange training at a time suitable to you.

### Connecting you with new customers

Leads are automatically assigned to the most suitable installer depending on product knowledge, proximity and score. The lead assignment process is based on:

- Your product know-how: your training on specific products
- Driving time: your proximity to the customer
- Your installer score

You can access the Tool via a **website and mobile app**. Whichever way you choose, you'll be able to manage and monitor all the leads you receive from Daikin.



### Your installer score

Having a good installer score is crucial for becoming a priority provider when future leads are assigned. Your installer score is based on points you're awarded for how you respond to leads:

- Accepting a new lead: **5 points**
- Rejecting a new lead: **2 points**
- No response to lead in 24 hours: **0 points**
- Providing dates when you contacted the customer, carried out a survey and sent them a quote: **1 point**
- Closing a lead as won: **10 points**
- Closing a lead as not won: **0 points**

Find out more about the Daikin Community Lead Management tool by either scanning or clicking on the QR code:





# Your Business Development Fund

## Adding the value you deserve

At Daikin, we understand how hard you work and how important your heating business is. That's why the Sustainable Home Network gives you access to the very best training, products, marketing materials and business support available – and that includes the extra value you receive from a Business Development Fund, which is tailored to your account status.



### Business Development Fund for Sustainable Home Experts

Once you become a **Sustainable Home Expert**, every time you register a Daikin heating system on Stand By Me and register the warranty, you'll earn a contribution to your Business Development Fund on the partner portal.

The contribution you receive depends on which products you've registered:

PRODUCT	CONTRIBUTION
Daikin Altherma Hybrid	£38
Daikin Altherma Low Temperature Split	£35
Daikin Altherma Monobloc	£24
Daikin Altherma High Temperature Split	£90
Thermal Store and Hot Water Cylinder	£8

Your Business Development Fund is **valid for up to two years** from the financial year in which it's earned.

### Business Development Fund for Sustainable Home Centres

As a **Sustainable Home Centre**, your Business Development Fund is calculated as 2% of your previous year's annual turnover. Therefore, unless you have a Business Development Fund already built up during your time as a Sustainable Home Expert, you will not automatically have a Business Development Fund when you open a Sustainable Home Centre. Instead Daikin provides a £3000 one-off contribution to your Business Development Fund to help with approved marketing materials and activities during the set up of your Sustainable Home Centre in your first year.

Your Business Development Fund is **for up to 12 months** until the end of the financial year in which it's earned.

### Redeeming your Business Development Fund

You can redeem your Business Development Fund on the Sustainable Home Network website for rewards such as:

- Branded merchandise
- Branded workwear
- Display and event materials
- Vehicle livery
- Marketing materials
- Retail vouchers

For full terms and conditions please see our Sustainable Home Network Partner toolkit.



# My Daikin

## Your central resource for managing your Daikin account

### MyDaikin live account information

If you're a direct buying customer, you can now see real-time information about your account, anytime, anywhere and on virtually any device. Depending on your agreed access level, you will be able to see your live:

- Quotes
- Orders\*
- Delivery tracking\*\*
- Invoices & account balances\*

Based on your access level, you can easily download your quotes and invoices, check on the status of your orders and deliveries, and see your live account balance with us.

### MyDaikin dashboard

The MyDaikin dashboard also has a set of tiles giving you quick links to our web applications, all from one central entry point. So no more trying to remember which weblink you need! The tiles you see are tailored to your account, so you can easily access all the resources you need, including:

- Training
- Sustainable Home Network platform
- Daikin UK website
- Document and image library
- Stand By Me / Heating Solutions Navigator
- Lead management system
- Spare Parts Bank
- Stock checker



### MyDaikin Library

MyDaikin Library is still available to both direct buying customers and customers buying via wholesalers and regional dealers, as well as consultants and specifiers. Simply go to the Library tile on your dashboard for access to a full library of manuals, documents, images and technical resources.

### Take a demo

For a tour of the MyDaikin customer portal features, please watch our five minute video: or email [marketing@daikin.co.uk](mailto:marketing@daikin.co.uk) if you would like a 121 demo.



\* Depending on your access level

\*\* Where available from our logistics providers

MyDaikin is your central entry point for live account information\* and useful web applications, so you can do business as quickly and conveniently as possible with Daikin UK

[my.daikin.co.uk](https://my.daikin.co.uk)

### Getting access to MyDaikin

To access the MyDaikin portal, you will need a Daikin ID. If you don't already have one, you can self-register at [my.daikin.co.uk](https://my.daikin.co.uk)

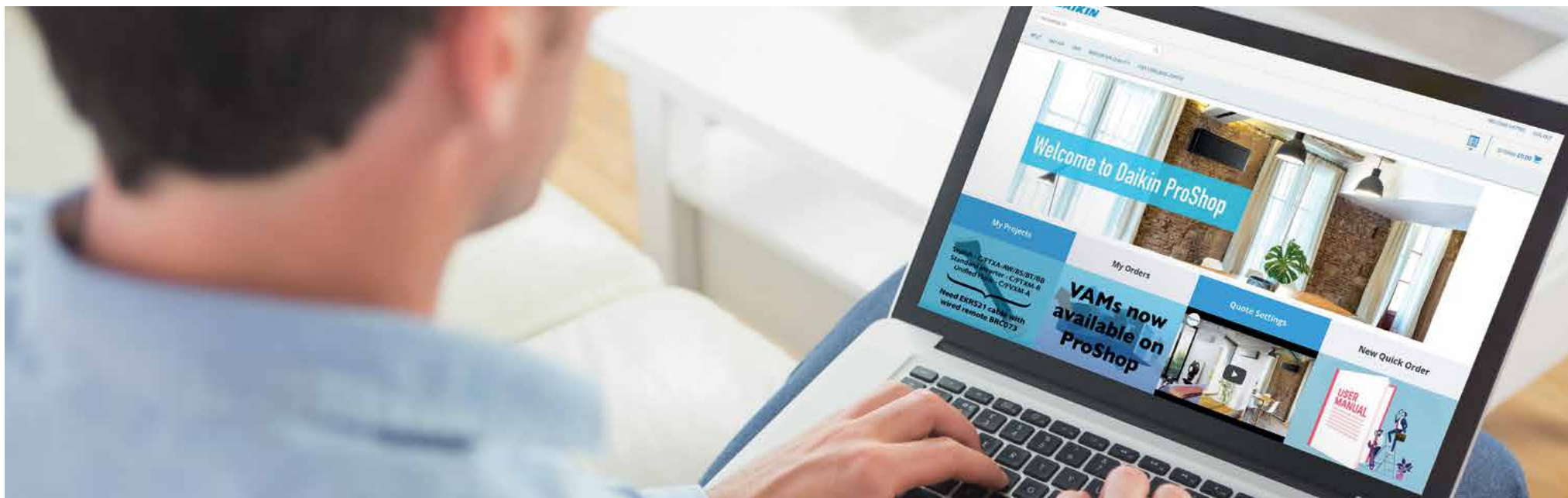
### Daikin ID delegated admin console

You can enjoy the freedom of managing your own organisation, assigning roles and much more thanks to the delegated admin console, including:

- Assigning delegated admins in your organisation
- Adding employees to the Daikin portals
- Updating members' info such as personal details (name, email address, roles)
- Easy access to all necessary information about products, orders, invoices etc.
- View applications and link to documentation

Learn more at [daikin.co.uk/daikin-id](https://daikin.co.uk/daikin-id)

Register now or login at [my.daikin.co.uk](https://my.daikin.co.uk)



<https://myproshop.daikin.co.uk>

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

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

What's more, ProShop is so easy to use that you can generate a full quote in as little as three minutes! If you have any questions, you can always request a call-back from a sales engineer.

ProShop provides wide-ranging additional support so that you can deliver an enhanced professional service to your customers and manage all your projects with renewed efficiency.

You will need to register for ProShop. To qualify, you must have an account with Daikin Airconditioning UK.

- See all your important quote and order information
- Create new projects and browse existing projects easily on your dashboard
- Create estimated cost projections for standard and energy saving accessories \*
- Calculate the annual energy consumption, CO<sub>2</sub> emissions and running costs \*
- Assess ROI system by system - using the running costs simulation page \*
- View all available accessories, data sheets and additional energy-saving options
- Perform simple refrigerant calculations for your selected systems \*
- Export and print your quotation, ECA eligibility statement and ROI evaluation \*
- Review your quote with a net price that reflects your preferential trade discount
- Place orders rapidly with one-page order process
- View real time stock availability for all products sold online

Visit  
ProShop  
here:



\* Excluding heating products

To request a new account, please go to **[www.daikin.co.uk/proshop](https://www.daikin.co.uk/proshop)**

# Supporting Tools

## Stand By Me

Stand By Me provides an integrated environment for you to manage your installations - from the very first contact with your potential clients, to handing over the completed system. Providing all the tools and information you need, this all-in-one platform offers a database of your installations and warranties and lets you enjoy the benefits of internet connected services such as remote metering.

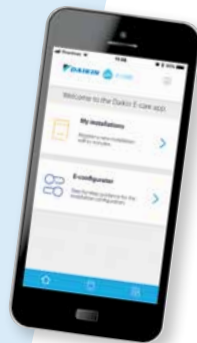
### It provides easy online access to everything in one place including:

- Heating Solutions Navigator selection tools and reports
- Remote metering tools required for MCS
- Online commissioning and handover
- Database of project leads, commissioned installations and registered warranties
- End-user warranty registration and extension offers
- End user service and maintenance package options
- A living record of your Daikin Installations
- Easy administration of product warranties
- Easy contact with your customers

## E-care app

### All-in-one app

- Register your installation on Stand By Me via simple **QR code** scanning
- Quick configuration of your heat pump in **only 7 steps**
- Diagnosis of malfunction by QR code scanning and error code input



### ✓ Installation database

**Stand By Me** provides a live dashboard of your project leads and, once the system is commissioned, your existing installations. So you can review and manage which products were installed, where and when.

### ✓ Easy commissioning

Hand over couldn't be simpler either. Simply complete the commissioning details, add your customer's email address and they will receive a code so they can create an account on **Stand By Me** and select their warranty and maintenance options.

### ✓ Annual maintenance records

**Stand By Me** provides an easy way to review the annual maintenance schedules for each site and track any repairs carried out.



### ✓ RHI remote monitoring

**Stand By Me** means that social housing providers no longer need physical access to properties in order to read meters for RHI reports. Remote monitoring of meters on **Stand By Me** provides a daily summary of the energy produced and consumed and the system efficiency, which can be submitted to Ofgem for RHI reporting. The Daikin remote metering cloud has been designed specifically for Daikin Altherma Hybrid systems and connects with your installed meters to provide all the information needed for quarterly RHI reporting.

### ✓ End user warranty registration

For every installation you register on **Stand By Me**, you'll gain additional contributions to your Business Development fund, which you can redeem on the Sustainable Home Network portal at [sustainablehomenetwork.daikin.co.uk](https://sustainablehomenetwork.daikin.co.uk). Or your customer can register their warranty directly (although you won't gain a contribution to your business development fund). As soon as you've commissioned the system, they will receive a code via email so they can register the warranty themselves. Your project database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.

It couldn't be easier.

So get connected to Stand By Me today on **[standbyme.daikin.co.uk](https://standbyme.daikin.co.uk)**

# Heating Solutions Navigator toolkit selection

Daikin's Heating Solutions Navigator is designed to help you select the best solution for your customer's home.

The Heating Solutions Navigator is a versatile toolkit on Stand By Me, which brings together all the tools required to complete the design and selection of a system. It's so simple to use, you can create a solution for your customer in just five minutes – on your computer or mobile device.

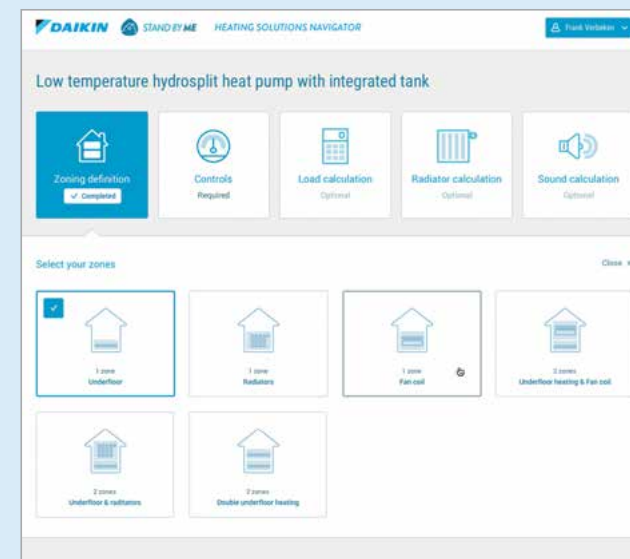
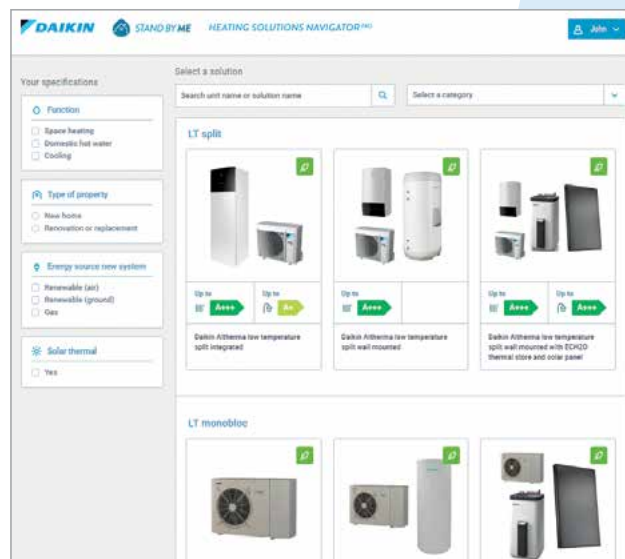
The Heating Solutions Navigator allows you to create quick estimates for initial enquiries or more detailed reports for hot prospects.

The reports offer a highly professional way to showcase Daikin heating solutions to your customers. All product and performance related information is in one place including the solution overview, product descriptions, specifications and schematics, images and literature, equipment list, energy labels, sound pressure information.

All this can be shared with your customer at the click of a button. So you can follow up leads quickly, your customers can make informed decisions and you can maximise your project opportunities.

## The Heating Solutions Navigator helps you to:

- Quickly see the wide array of Daikin Heating Solutions available
- Check all the options specifically for your installation
- Link easily to the installation specific literature
- Estimate the required heat load – from a simple snapshot to a detailed room-by-room calculation
- Use the flue gas selection tool for gas based solutions
- Set the configuration of your installation
- Compare economic and environmental benefits of the Daikin system versus a conventional heating installation
- Store all your leads on you Stand By Me account
- Track projects from lead, installation and commissioning to inviting your customers to select after-sales services
- Request a quotation for DUCO Residential Ventilation System





# Product Highlights

NEW

## Multi+

Two hearts beating in one system:



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.



CKHWSU230BV3

A matching pair

The two main components, domestic hot water tank and outdoor unit, are perfectly matched. The outdoor unit provides most of the energy used to heat up the water inside the tank.

**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.

NEW

R-290

## Launching this summer – Daikin's ground-breaking Altherma 4

The new Daikin Altherma 4 H high temperature heat pump is the first product to be launched in this ground-breaking new range, available in 6-14 capacity models.

- High efficiency
- High heating capacity, even at low ambient temperatures
- Low sound levels
- Environmentally friendly R290 refrigerant
- Unparalleled safety measures
- Stunning design and aesthetics
- New touchscreen controller



Page 6 - 9

The new Daikin Altherma 4 H high temperature heat pump is now available with wall-mounted and integrated floor-standing indoor unit options.

## 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



Page 29

## 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 connectivity 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 deodorising filter) and discharged at the top.

- Clean Air Delivery Rate (CADR) 480m<sup>3</sup>/hr
- Applicable room area up to 124m<sup>2</sup> (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) 420m<sup>3</sup>/hr
- Applicable room area up to 96m<sup>2</sup> (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



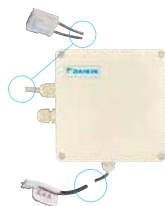
Page 84 - 87

## 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 10 - 13

## 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

Page 57

## perfera

### Perfera – Designed for Comfort All Year Round



FTXM20-50A

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



RXM20-50A



Page 95 - 96

NEW

## DUCO Energy Comfort and Energy Comfort Plus

As a specialist in managing the air people live in, Daikin offers a one-stop-shop with DUCO's Centralised Ventilation Heat Recovery systems: DUCOBox Energy Comfort, and Energy Comfort Plus.



DUCOBox Energy Comfort



DUCOBox Energy Comfort Plus

Available in 325m³/hr, 350m³/hr, 400m³/hr, 450m³/hr and **NEW 550m³/hr**, the CHRV system is provided with a complete range of accessories for ducting.

- Left/Right switch due to principle of double-by-pass (Comfort / Comfort Plus)
- Smart copy function of settings (Comfort / Comfort Plus)
- Automatic calibration (Comfort / Comfort Plus)
- 100% Summer By-pass (Comfort / Comfort Plus)
- Demand controlled due to RH, CO₂ sensors (Comfort / Comfort Plus)
- Optional 2 zone control (Comfort / Comfort Plus)
- BMS connectivity (Comfort / Comfort Plus)

Page 74 - 80

## 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.



Page 37

# emura

Emura – Design that speaks for itself



Page 93

The third generation of the Daikin Emura combines modern design, smart features and an improved user experience to create the ideal indoor air climate. The air conditioning unit is available in matt white, matt silver and matt black from class 20-50 (5 models), has a new stylish remote controller and a redesigned outdoor unit with a grille in ivory white.

- Available in pair, multi and multi+ applications
- FlashStreamer Technology
- Silver allergen removal and titanium apatite filter
- Heat Boost mode
- 7 day timer
- Simplified remote controller with LED screen
- Extended functionality on the ONECTA App
- Extended operating range in heating (-20°C) and cooling (50°C)



## HI, I'M DAIKIN EMURA



DAIKIN EMURA FTXJ-AW MATT WHITE



DAIKIN EMURA FTXJ-A5 SILVER



DAIKIN EMURA FTXJ-AB MATT BLACK



## 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



Page 39 - 40

## 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.



Page 58

## COMING SOON

### 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 59

# Split Range for 2025

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	<div> FTXZ-N</div>	Complete climate control with (de)humidification, air purification and ventilation with top efficiencies in heating and cooling	Optional	A+++	Page 92
Design	Emura	<div>   FTXJ-AW/B/S</div>	Design at its best, delivering superior efficiency and comfort with market leading technology	Standard	A+++	Page 93

Segment	Model		Online Controller	Energy Label	Page	
Design	Stylish	<div></div> <div>FTXA-C(W/B/S)</div>	The most compact and efficient wall-mounted unit on the market, coupled with a modern and striking design	Standard	A+++	Page 94
Standard	Perfera	<div></div> <div>FTXM-A</div>	Attractive, wall-mounted design with perfect indoor air quality	Standard	A+++	Page 95 - 96
Low inverter	Comfora	<div></div> <div>FTXP-N(9)</div>	Compact, matt white wall-mounted design with intuitive comfort features and high efficiency	Standard	A++	Page 97
Low inverter	Sensira	<div></div> <div>FTXF20-50F</div>	Discreet, wall-mounted unit providing high efficiency and comfort	Standard	A++	Page 98



# Air-to-Water Heat Pump

<b>Air-to-Water Heat Pump</b>	2
High Temperature (R-290) Heat Pump	6
Monobloc (R-32) Heat Pump	10
Low Temperature R-Split (R-32) Heat Pump	14
High Temperature (R-32) Heat Pump	22
Daikin Altherma Domestic Hot Water Heat Pump	29
Daikin Buffer Vessels	30
Hot Water Cylinders and Thermal Stores	31
Altherma 3 WS for collective applications	39



# 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.



\* 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:

## Altherma 4

### High Temperature (R-290) Heat Pump 6-14 class

- Quietest Daikin Altherma so far, as low as 45 dBA
- Stunning new design single fan casing
- High heating capacity at low ambient temperatures
- Leaving water temperature up to 70°C
- Class leading refrigerant safety features

## 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 redesigned 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
- Unique Daikin 'Bluevolution' technology
- Advanced controls incorporating the 'Daikin Eye'
- Leaving water temperature up to 65°C
- 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
<b>NEW</b> High Temperature 06-14 class	<b>R-290</b>  EPSK06-14A (page 7)	 EPBXU10-14A (page 8)	 SB.EKHWSU150-300D (page 33)	or	 EKHWP300-500(P)B (page 34)
<b>NEW</b> High Temperature 06-14 class	<b>R-290</b>  EPSK06-14A (page 7)	 EPVX10-14SU18/23A (page 9)			
LT Monobloc 4-8 class	<b>R-32</b>  EB/DLA04-08E (page 11)	 MMI User Interface (included with the unit) Back-up heater (optional) EKLBUHCB6W1 (page 11)	 UK.PPC150-300/R32SS (page 32)	or	 SB.EKHWSU150-300D (page 33)  EKHWP300-500(P)B (page 34)
LT Monobloc 9-16 class	<b>R-32</b>  E(D/B)LA9-16D (page 12 - 13)	 MMI User Interface (included with the unit)	 UK.PPC150-300/R32SS (page 32)	or	 SB.EKHWSU150-300D (page 33)  EKHWP300-500(P)B (page 34)



	Outdoor	Indoor	DHW cylinder	or	Thermal store
LT R-Split 4-8 class	<b>R-32</b>  ERGA04-08EVA (page 15)	 EHB(H/X)04-08E (page 16)	 SB.EKHWSU150-300D (page 33)	or	 EKHWP300-500(P)B (page 34)
LT R-Split 4-8 class	<b>R-32</b>  ERGA04-08EVA (page 15)	 EHVH-SU-E (page 17)			
LT R-Split 11-16 class	<b>R-32</b>  ERLA011-016D (page 19)	 EBB(H/X)11-16D (page 20)	 SB.EKHWSU150-300D (page 33)	or	 EKHWP300-500(P)B (page 34)
LT R-Split 11-16 class	<b>R-32</b>  ERLA011-016D (page 19)	 EBBH16SU-D (page 21)			
High Temperature 08-18 class	<b>R-32</b>   EPRA08-12E (page 23) EPRA14-18D (page 26)	 ETB(H/X)12E (page 24) ETB(H/X)16E (page 27)	 SB.EKHWSU150-300D (page 33)	or	 EKHWP300-500(P)B (page 34)
High Temperature 08-18 class	<b>R-32</b>   EPRA08-12E (page 23) EPRA14-18D (page 26)	 ETVH12SU-E (page 25) ETVH16SU-E (page 28)			



## COMING SOON Daikin Altherma 4 H

### High temperature class 6-14

The new Daikin Altherma 4 H high temperature is the first product to be launched in this ground breaking new range from Daikin.

The new Daikin Altherma 4 high temperature is the pinnacle of 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 the quietest high temperature model available. R290 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 now 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
- 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 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 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-290****COMING SOON**Single Phase / Three Phase  
EPSK-AV3/W1 (6-14 Class)

## High Temperature Heat Pump (6-14 Class)



Outdoor Units		Single Phase			Three Phase			
		EPSK06AV3	EPSK08AV3	EPSK10AV3	EPSK08AW1	EPSK10AW1	EPSK12AW1	EPSK14AW1
Description		Class 6	Class 8	Class 10	Class 8	Class 10	Class 12	Class 14
Trade Unit Price		£4,814.00	£4,850.00	£5,131.00	£5,077.00	£5,276.00	£5,413.00	£5,595.00
Dimensions <sup>[1]</sup>	Height x Width x Depth mm	1122 x 1330 x 600	1122 x 1330 x 600	1122 x 1330 x 600	1122 x 1330 x 600	1122 x 1330 x 600	1122 x 1330 x 600	1122 x 1330 x 600
Weight	kg	174	174	174	178	178	191	191
Nominal capacity	Heating (a/b)	kW 6.43 / 6.63	kW 7.92 / 7.86	kW 9.28 / 9.48	kW 7.92 / 7.86	kW 9.28 / 9.48	kW 8.24 / 12.15	kW 13.49 / 13.30
	Cooling (c/d)	kW 8.61 / 6.00	kW 9.51 / 6.91	kW 10.78 / 7.84	kW 9.51 / 6.91	kW 10.78 / 7.84	kW 11.88 / 9.01	kW 14.90 / 11.30
Nominal input	Heating (a/b)	kW 2.23 / 2.61	kW 2.82 / 3.06	kW 3.75 / 4.08	kW 2.82 / 3.06	kW 3.75 / 4.08	kW 3.48 / 5.00	kW 5.28 / 5.67
	Cooling (c/d)	kW 1.56 / 1.55	kW 1.87 / 1.83	kW 2.25 / 2.17	kW 1.87 / 1.83	kW 2.25 / 2.17	kW 2.81 / 2.55	kW 3.80 / 3.45
Seasonal space heating efficiency*	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++	A+++	A+++
		Efficiency	202	203	203	203	203	195
	Space heating (Average climate) 55°C	SCOP	5.12	5.15	5.15	5.14	5.14	4.96
		Efficiency	153	156	158	155	159	150
		SCOP	3.91	3.97	4.02	3.96	4.02	3.84
COP	Heating (e/f)	5.33 / 4.47	5.19 / 4.34	4.59 / 3.85	5.19 / 4.34	4.59 / 3.85	5.34 / 3.99	4.17 / 3.99
EER	Cooling (c/d)	5.53 / 3.87	5.08 / 3.78	4.79 / 3.62	5.08 / 3.78	4.79 / 3.62	4.22 / 3.53	3.92 / 3.28
Operation range	Heating	°C -28 to +25	°C -28 to +25	°C -28 to +25	°C -28 to +25	°C -28 to +25	°C -28 to +25	°C -28 to +25
	Cooling	°C +10 to +43	°C +10 to +43	°C +10 to +43	°C +10 to +43	°C +10 to +43	°C +10 to +43	°C +10 to +43
	Domestic Hot water	°C -28 to +40	°C -28 to +40	°C -28 to +40	°C -28 to +40	°C -28 to +40	°C -28 to +40	°C -28 to +40
Sound pressure / power level	Heating	dBA 45	dBA 45	dBA 47	dBA 45	dBA 47	dBA 52	dBA 52
	Cooling	dBA						
Refrigerant charge R-290	kg	1	1	1	1	1	1.25	1.25
Water Connections (Diameter)	inch	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)	1 ¼" (Male)
Piping length OU to IU tank <sup>[2]</sup>	m	30	30	30	30	30	50	50
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	3-phase / 400V / 50Hz
Recommended fuses	A	32	32	32	16	16	16	16
SAP ID (Heating only combination)	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
SAP ID (Integrated combination 180L)	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
SAP ID (Integrated combination 230L)	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
SAP ID (Reversible combination)	TBC	TBC	TBC	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

<sup>[2]</sup> Spare pump capacity can be utilised to extend the interconnecting pipe length using the Daikin HSN pipe sizing tool.

**R-290****COMING SOON**Heating and Cooling  
EPBXU-A4V/A9WHigh Temperature  
Hydrobox (Wall Hung)**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

Indoor Unit (wall hung)			Heating and Cooling Single Phase	Heating and Cooling Three Phase
			EPBXU10A4V	EPBXU14A9W
Trade Unit Price			£1,802.00	£1,872.00
Compatible outdoor unit			EPSK06-10AV3/AW1	EPSK12-14AW1
Compatible DHW Cylinders			EKHWSU-D	EKHWSU-D
User interface (Must be ordered separately)			BRC1HHD(W7/S7/K7)	BRC1HHD(W7/S7/K7)
Function			Reversible <sup>(5)</sup>	Reversible <sup>(5)</sup>
Dimensions	Height x Width x Depth	mm	840 x 440 x 390	840 x 440 x 390
Pump	No. of speeds		Inverter controlled	Inverter controlled
Expansion vessel volume	litres		10	10
Minimum water volume heating/cooling	litres		55 / 25	65 / 30
Minimum flow rate	l/min		25	25
Water connections	inch		1" (female)	1" (female)
Backup heater power supply <sup>(2)</sup>	Phase		1~ / 3~	1~ / 3~
	Frequency	Hz	50	50
	Voltage	V	230 / 400	230 / 400
	Maximum capacity <sup>(3)</sup>	kW	4.5 (0.5kW steps) <sup>(3)</sup>	6 / 9 (1kW steps) <sup>(3)</sup>
	Maximum running current	A	2x13 / 6.5	13 / 13
Recommended fuse rating <sup>(4)</sup>			16 <sup>(4)</sup> / 10	16 / 16 <sup>(4)</sup>

<sup>(2)</sup> Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

<sup>(3)</sup> Backup heater steps electronically setup on the indoor unit interface.

<sup>(4)</sup> 4 pole 16A curve 400V tripping class C (refer to wiring diagram)

<sup>(5)</sup> Can be configured for heating only in installer settings

**Accessories:**

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£108.00
BRC1HHD5	Madoka Heating - Silver	£108.00
BRC1HHDK	Madoka Heating - Black	£108.00
EKRELSG	Smart grid relay kit (high voltage)	£94.00
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	£258.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£277.00
EKRSCA1	Optional remote temperature sensor for outdoor unit*	£91.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£68.00
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£102.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£145.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£111.00
EKHY3PART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£220.00

R-290

COMING SOON

Heating EPVX-A4V

## High Temperature Hydrobox (Integrated)



Indoor Units (Floor Standing)			Single Phase			
			EPVX10SU18A4V	EPVX10SU23A4V	EPVX14SU18A4V	EPVX14SU23A4V
Trade Unit Price			£2,811.00	£2,987.00	£2,949.00	£3,135.00
Compatible outdoor unit			EPSK06-10AV3/AW1	EPSK06-10AV3/AW1	EPSK12-14AW1	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 <sup>(5)</sup>	Reversible <sup>(5)</sup>	Reversible <sup>(5)</sup>	Reversible <sup>(5)</sup>
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	1,650 x 595 x 634	1,850 x 595 x 634
Weight	Unit / Packed Unit	kg	108 / 127	117 / 136	108 / 127	117 / 136
Operating range	Heating	Min-Max.	10°C - 65°C	10°C - 65°C	10°C - 65°C	10°C - 65°C
	DHW	Max.	65°C	65°C	65°C	65°C
Sound power level	Nom.	dBA	45	45	45	45
Sound pressure level	Nom.	dBA				
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		B	C	B	C
	Standing heat loss @ 45K dT	kWh/24h	1.4	1.8	1.4	1.8
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 / 25	0 / 25	20 / 30	20 / 30
Minimum flow rate		l/min	25	25	25	25
Backup heater power supply <sup>(2)</sup>	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) <sup>(3)</sup>	4.5 (0.5kW steps) <sup>(3)</sup>	4.5 (0.5kW steps) <sup>(3)</sup>	4.5 (0.5kW steps) <sup>(3)</sup>
	Maximum running current	A	2x13 / 6.5	2x13 / 6.5	2x13 / 6.5	2x13 / 6.5
	Recommended fuse rating	A	16 <sup>(4)</sup> / 10	16 <sup>(4)</sup> / 10	16 <sup>(4)</sup> / 10	16 <sup>(4)</sup> / 10

<sup>(2)</sup> Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

<sup>(3)</sup> Backup heater steps electronically setup on the indoor unit interface.

<sup>(4)</sup> 4 pole 16A curve 400V tripping class C (refer to wiring diagram).

<sup>(5)</sup> Can be configured for heating only in installer settings

# Daikin Altherma 3 Monobloc

Low capacity (4-8) and high capacity (9-16)



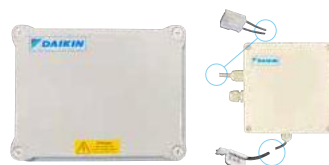
The Daikin Altherma 3 Monobloc is now available in low and high capacity models, ranging from 4-16 classes. Both models feature the latest controls and low environmental impact R-32 technology.



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](http://my.daikin.co.uk), or use our Heating Solutions Navigator design tool on Stand By Me to complete your selection.

Our new addition to 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 R410A, requiring 30% less refrigerant charge than an R410A 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 870mm height and a total volume of less than 0.6 m<sup>3</sup> for the high capacity model (740mm high) and volume of 0.324 m<sup>3</sup> 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	<b>£284.00</b>
BRC1HHDW	Madoka Heating - White	<b>£108.00</b>
BRC1HHDS	Madoka Heating - Silver	<b>£108.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£108.00</b>
BRP069A78	Daikin ONECTA App - Wi-fi module [SD Card]	<b>£35.00</b>
BRP069A71	Daikin ONECTA App (See note)	<b>£39.00</b>
EKRELSG	Smart grid relay kit (high voltage)	<b>£94.00</b>
EKPCCAB4	PC cable - to upload field settings from PC to unit	<b>£277.00</b>
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	<b>£258.00</b>
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	<b>£116.00</b>
EKFLSW2	Optional flow switch (See note)	<b>£57.00</b>
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	<b>£91.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	<b>£68.00</b>
EKRPIHBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	<b>£159.00</b>
EKRPIAHT	Optional PCB kit for demand control, power consumption control and power limitation	<b>£159.00</b>
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	<b>£82.00</b>
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	<b>£103.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	<b>£416.00</b>
UK.DT5	Condensate drip tray (1400 x 400 x 50mm)	<b>£101.00</b>
K.DTFB	Floor bracket kit to mount drip tray for 2 flexi feet or wall bracket	<b>£58.00</b>
K.HOSE750	Pair of flexible hoses	<b>£102.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow	<b>£145.00</b>
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£111.00</b>
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc	<b>£502.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£140.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£165.00</b>
EKEPRHLT5H	Thermal store (500l) connection kit - For heating only models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£214.00</b>
EKEPRHLT5X	Thermal store (500l) connecting kit - For reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£300.00</b>
EKEPRHLT3HX	Thermal store (300l) connection kit - For heating only and reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£164.00</b>
EKUMBPART	3rd party tank connection kit - Dry pocket sensor	<b>£271.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£165.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£298.00</b>

Outdoor Unit			EDLA04EV3	EDLA06EV3	EDLA08EV3	EBLA04EV3	EBLA06EV3	EBLA08EV3
Trade Unit Price			£3,342.00	£3,853.00	£4,020.00	£3,509.00	£4,046.00	£4,222.00
Description			Class 4	Class 6	Class 8	Class 4	Class 6	Class 8
Function			Heating Only	Heating Only	Heating Only	Reversible	Reversible	Reversible
Dimensions <sup>[3]</sup>	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 <sup>[1/2]</sup>	kW	4.30/4.60	6.00/5.90	7.50/7.80	-	-	-
	Cooling <sup>[1/2]</sup>	kW	-	-	-	4.86/4.52	5.83/5.09	6.18/5.44
Nominal input	Heating/Cooling <sup>[1/2]</sup>	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		5.10/3.65	4.85/3.50	4.60/3.50	-	-	-
EER	Heating <sup>[1/2]</sup>		5.10/3.65	4.85/3.50	4.60/3.50	5.91/3.32	5.40/3.28	5.19/3.14
	Cooling <sup>[1/2]</sup>		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	61	62	62
Sound pressure level <sup>[4]</sup>	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		107684 / 107681	107700 / 107697	107716 / 107713	107692 / 107689	107708 / 107705	107724 / 107721
	45°C / 35°C		107682 / 107683	107698 / 107699	107714 / 107715	107690 / 107691	107706 / 107707	107722 / 107723

### BACK UP HEATER KIT (OPTIONAL)

Description			EKLBUHCB6W1
Trade Unit Price			Back up heater kit (3kW) <sup>[vii]</sup>
Nominal rating			£678.00
Dimensions	Depth	mm	3
	Width	mm	210
	Height	mm	250
Power supply			560
Recommended fuse			1-phase / 230V / 50Hz
Water connections	3kW 1ph 230V <sup>[viii]</sup>	Amps	16
	Diameter	inch	1" (male)

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
EKCC9-W	Sequence Controller	<b>£976.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£311.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£304.00</b>
EKTESE1	sensor+25m cable EKHSU	<b>£52.00</b>
EKTESE2	sensor+25m cable EKHWSP	<b>£52.00</b>
EKMIKPOA	Mixing kit - PCB only	<b>£211.00</b>

Accessory Ref	Description	Trade Price
EKMIKPHA	Mixing kit - PCB with Hydraulic	<b>£725.00</b>
EKMIKHMA	Hydraulics - Mixed Pump Ground	<b>£421.00</b>
EKMIKHUA	Hydraulics - Unmixed Pump Ground	<b>£316.00</b>
EKMIKBVA	Balancing Vessel	<b>£97.00</b>
EKMIKDIA	Distributor for Balancing Vessel	<b>£164.00</b>
EKMBHBP	R-32 Monobloc valve for BUH option used with EBLA models	<b>£152.00</b>

### Notes:

- User interface (MMI) is supplied with outdoor unit
- EKFLSW2 must be ordered if glycol is present within the system
- Only one optional remote sensor can be installed
- For compatible cylinders, see page 31
- \*\*Recommended to achieve minimum outdoor unit and antifreeze valve ground clearance of 150mm
- SD Card BRP069A78 is supplied as standard. This option will only be required in case of bad connectivity in location of the user interface
- Back up heater kit EKLBUHCB6W1 can also be configured for 3kW or 6kW, 1ph or 3ph. See monobloc installation manual for more details

**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	<b>£284.00</b>
BRC1HHDW	Madoka Heating - White	<b>£108.00</b>
BRC1HHD5	Madoka Heating - Silver	<b>£108.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£108.00</b>
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	<b>£35.00</b>
BRP069A71	Daikin ONECTA App (See note)	<b>£39.00</b>
EKRELSG	Smart grid relay kit (high voltage)	<b>£94.00</b>
EKPCCAB4	PC cable – to upload field settings from PC to unit	<b>£277.00</b>
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	<b>£258.00</b>
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	<b>£116.00</b>
EKFLSW1	Optional flow switch (See note)	<b>£94.00</b>
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	<b>£91.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	<b>£68.00</b>
EKRPR1HBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	<b>£159.00</b>
EKRPR1AHT	Optional PCB kit for demand control, power consumption control and power limitation	<b>£159.00</b>
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	<b>£130.00</b>
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	<b>£202.00</b>
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	<b>£123.00</b>
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi feet or wall bracket	<b>£93.00</b>
K.HOSE750	Pair of flexible hoses	<b>£102.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow	<b>£145.00</b>
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£111.00</b>
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc	<b>£502.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£140.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£165.00</b>
EKEPRHLTSH	Thermal store (500l) connection kit – For heating only models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£214.00</b>
EKEPRHLTSX	Thermal store (500l) connecting kit – For reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£300.00</b>

Outdoor Unit			Single Phase				Three Phase					
			EBLA09D3V3U	EDLA11D3V3	EDLA14D3V3	EDLA16D3V37	EDLA09D3W1	EDLA11D3W1	EDLA14D3W1	EDLA16D3W17		
Trade Unit Price			£4,849.00	£5,262.00	£5,650.00	£6,113.00	£5,042.00	£5,474.00	£5,875.00	£6,353.00		
Description			Class 9	Class 11	Class 14	Class 16	Class 9	Class 11	Class 14	Class 16		
Function			Heating Only <sup>[2]</sup>	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only		
Dimensions <sup>[1]</sup>			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		
Weight			kg	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		
			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		
			COP		4.91/3.71	4.83/3.66	4.87/3.64	4.53/3.51	4.91/3.72	4.83/3.66		
Seasonal space heating efficiency			Space heating	Class	A+++	A+++	A+++	A+++	A+++	A+++		
			(Average climate) 35°C	Efficiency	188	182	182	182	186	182	182	
				SCOP	4.77	4.64	4.62	4.62	4.72	4.64		
			Space heating	Class	A++	A++	A++	A++	A++	A++	A++	
			(Average climate) 55°C	Efficiency	139	130	132	130	133	130	132	
				SCOP	3.55	3.32	3.37	3.33	3.39	3.32		
EER			Cooling	-	-	-	-	-	-	-		
Operation range			Heating	°C	-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		
Refrigerant charge (factory)			R-32	kg	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		
Recommended fuses			Outdoor unit	A	32	32	32	32	13	13		
Pump			No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller	Inverter controller		
Expansion vessel volume			litres		8	8	8	8	8	8		
Water connections (diameter)			inch		1" (male)	1" (male)	1" (male)	1" (male)	1" (male)	1" (male)		
Minimum water volume			litres		20	20	20	20	20	20		
Minimum flow rate			Cooling/Heating above 5°C	l/min	20	20	20	20	20	20		
			Heating below -5°C	l/min	22	22	22	22	22	22		
			Hot water	l/min	28	28	28	28	28	28		
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	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		

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  
<sup>[1]</sup> Excludes aesthetic grille  
<sup>[2]</sup> 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
EKEPRHLT3HX	Thermal store (300l) connection kit – For heating only and reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£164.00</b>
EKUMBPART	Third party tank connection kit - Dry pocket sensor	<b>£271.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£165.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£298.00</b>
EKCC9-W	Sequence Controller	<b>£976.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£311.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£304.00</b>

## Notes:

- User interface (MMI) is supplied with outdoor unit
- EKFLSW1 must be ordered if glycol is present within the system
- Only one optional remote sensor can be installed
- 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)			
Description		UK.MONOR32/WC	
Trade Unit Price		Wiring centre	
		£284.00	
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: Wiring centre also compatible with the low capacity monobloc range (EB/DLA04~08EV3)

EBLA

# Monobloc Heat Pump (9-16 Class)



## Accessories:

Accessory Ref	Description	Trade Price
UK.MONOR32/WC	Daikin Altherma R-32 Monobloc Wiring Centre	<b>£284.00</b>
BRC1HHDW	Madoka Heating - White	<b>£108.00</b>
BRC1HHD5	Madoka Heating - Silver	<b>£108.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£108.00</b>
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	<b>£35.00</b>
BRP069A71	Daikin ONECTA App (See note)	<b>£39.00</b>
EKRELSG	Smart grid relay kit (high voltage)	<b>£94.00</b>
EKPCCAB4	PC cable – to upload field settings from PC to unit	<b>£277.00</b>
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	<b>£258.00</b>
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	<b>£116.00</b>
EKFLSW1	Optional flow switch (See note)	<b>£94.00</b>
EKRSC1	Optional remote temperature sensor for outdoor unit (See note)	<b>£91.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit (See note)	<b>£68.00</b>
EKRPIHBA	Optional PCB kit for remote alarm monitoring, fault indication, solar interlock and bivalent operation	<b>£159.00</b>
EKRPIAHT	Optional PCB kit for demand control, power consumption control and power limitation	<b>£159.00</b>
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	<b>£130.00</b>
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	<b>£202.00</b>
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	<b>£123.00</b>
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi feet or wall bracket	<b>£93.00</b>
K.HOSE750	Pair of flexible hoses	<b>£102.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow	<b>£145.00</b>
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£111.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£140.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£165.00</b>
EKEPRHLTSH	Thermal store (500l) connection kit – For heating only models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£214.00</b>

Outdoor Unit			Single Phase				Three Phase			
Trade Unit Price			EBLA09D3V3U	EBLA11D3V3	EBLA14D3V3	EBLA16D3V37	EBLA09D3W1	EBLA11D3W1	EBLA14D3W1	EBLA16D3W17
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 <sup>[1]</sup>	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
			32	32	32	32	13	13	13	13
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
			8	8	8	8	8	8	8	8
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/ 108142/108139/	107764/ 107761/	107788/ 107785/	107820/ 107817/	107748/ 107745/	107772/ 107769/	107804/ 107801/	107836/ 107833/
			45°C/ 35°C 108140/108141	107762/ 107763	107786/ 107787	107818/ 107819	107746/ 107747	107770/ 107771	107802/ 107803	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  
<sup>[1]</sup> Excludes aesthetic grille

Accessory Ref	Description	Trade Price
EKEPRHLT5X	Thermal store (500l) connecting kit – For reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£300.00</b>
EKEPRHLT3HX	Thermal store (300l) connection kit – For heating only and reversible models (for R-32 H HT, H-Split, Ref Split and Monobloc)	<b>£164.00</b>
EKUMBPART	Third party tank connection kit - Dry pocket sensor	<b>£271.00</b>
K.ELECMTV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£165.00</b>
K.ELECMTW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£298.00</b>
EKCC9-W	Sequence Controller	<b>£976.00</b>
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	<b>£311.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£304.00</b>

## Notes:

- User interface (MMI) is supplied with outdoor unit
- EKFLSW1 must be ordered if glycol is present within the system
- Only one optional remote sensor can be installed
- 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		£284.00	
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: Wiring centre also compatible with the low capacity monobloc range (EB/DLA04~08EV3)



## 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

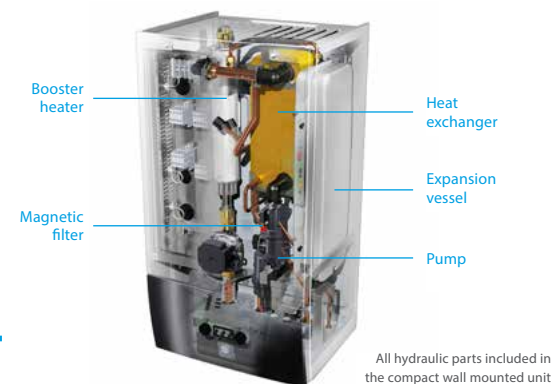
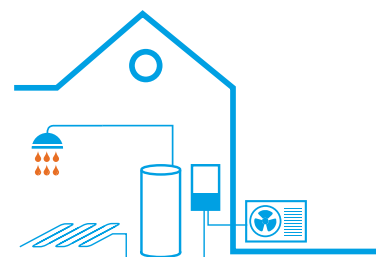
### Easy commissioning

- 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

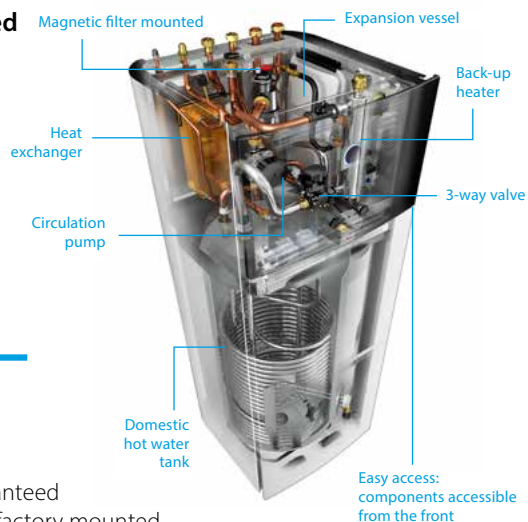
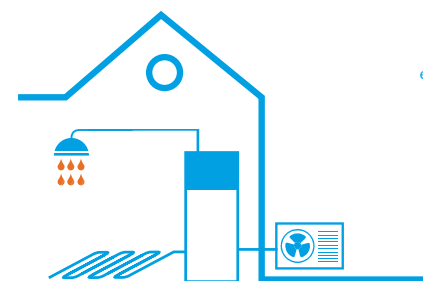
- The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressor maximises the efficiency of the new Daikin Altherma 3 with R-32 Bluevolution technology at each outdoor temperature, ensuring consistent room temperatures at all times
- Home temperature settings 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



- 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		
Description			ERGA04EVA	ERGA06EVA	ERGA08EVA
Trade Unit Price			Class 4	Class 6	Class 8
			£1,652.00	£1,686.00	£2,256.00
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	dB(A)	44 / 58	47 / 60	49 / 62
	Cooling	dB(A)	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	EBHX04E6V	EBHX08E6V
Trade Unit Price			£2,017.00	£2,056.00	£2,169.00	£2,216.00
Compatible outdoor unit			ERGA04EVA	ERGA06-08EVA	ERGA04EVA	ERGA06-08EVA
User interface (Must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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
BRC1HHDW	Madoka Heating - White	£108.00
BRC1HHD5	Madoka Heating - Silver	£108.00
BRC1HHDK	Madoka Heating - Black	£108.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£277.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£91.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£68.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication, solar interlock for heat pump and bivalent operation	£159.00
EKFT008D	U-beams to mount the ERGA04-08 outdoor units	£124.00
EKDP008D	Drainpan and U-beams for ERGA04-08 outdoor units	£177.00
EKDPH008C	Outdoor unit drain pan heater for ERGA04-08	£271.00
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	£69.00
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	£103.00
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	£416.00
K.DT1	Condensate drip tray (800 x 400 x 50mm)	£79.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	£58.00
K.CGM	Outdoor unit cage guard for ERGA04-08	£453.00
BRP069A78	Daikin ONECTA App – Wi-fi module [SD Card]	£35.00
BRP069A71	Daikin ONECTA App (See note)	£39.00
EKUMBPART	Third party tank connection kit - Dry pocket sensor	£271.00
EKUHWG3D	G3 Kit (must be ordered separately)	£199.00
EKCC9-W	Sequence Controller	£976.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£311.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£304.00

### Notes:

- \*Only one optional remote sensor can be installed. Sensor connects to indoor unit
- For compatible cylinders, see page 31
- 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			£3,688.00	£3,909.00	£3,688.00	£3,909.00
Compatible outdoor unit			ERGA04EVA	ERGA04EVA	ERGA06/08EVA	ERGA06/08EVA
User interface (must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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 <sup>[1]</sup>	60°C <sup>[1]</sup>	60°C <sup>[1]</sup>	60°C <sup>[1]</sup>
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 <sup>[2]</sup>	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) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>
	Maximum running current	A	26	26	26	26
Recommended fuse rating		A	20 <sup>[4]</sup>	20 <sup>[4]</sup>	20 <sup>[4]</sup>	20 <sup>[4]</sup>

<sup>[1]</sup> Tank temperature up to 70°C possible with booster heater only operation (if available in the system).

<sup>[2]</sup> Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

<sup>[3]</sup> Backup heater steps electronically setup on the indoor unit interface.

<sup>[4]</sup> 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				£1,386.00
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			£3,671.00	£4,229.00	£4,624.00	£4,027.00	£4,644.00	£5,076.00
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
	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:

- 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			£2,600.00	£2,600.00	£2,786.00	£2,786.00	£2,795.00	£2,795.00	£2,995.00	£2,995.00
User interface (must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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
Expansion vessel volume			litres	10	10	10	10	10	10	10
Minimum water volume			litres	20	20	20	20	20	20	20
Minimum flow rate			l/min	22	22	22	22	22	22	22
Water connections			inch	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)	1" (female)
Back-up heater power supply <sup>[2]</sup>	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 <sup>[3]</sup>	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 <sup>[4]</sup>	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

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£108.00
BRC1HHDS	Madoka Heating - Silver	£108.00
BRC1HHDK	Madoka Heating - Black	£108.00
EKRELSG	Smart grid relay kit (high voltage)	£94.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£277.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£91.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£68.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£159.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£159.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£82.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 kg, 780 mm long arm, 2 arms, black)	£141.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 kg, 780 mm long arm, 2 arms, ivory white)	£173.00
UK.DT4	Condensate drip tray (1420 x 500 x 50 mm)	£123.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£58.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£271.00

Accessory Ref	Description	Trade Price
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£35.00
BRP069A71	Daikin ONECTA App (See note)	£39.00
K.FERNOXTF1	Fernox magnetic filter 1"	£140.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£165.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£165.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£298.00
EKCC9-W	Sequence Controller	£976.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£311.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£304.00

### Notes:

- \* Only one optional remote sensor can be installed. Sensor connects to indoor unit
- \*\* Recommended to achieve minimum outdoor unit ground clearance of 150 mm
- 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
- Please note that due to the regulations around the use of R-32, where the refrigerant charge in the system is  $\geq 1.84$  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 there are no requirements for the minimum floor area, if a chimney is installed on the indoor unit and directed outside the building.



**R-32**

Single Phase EBVH-D6V

## Low Temperature R-Split Hydrobox (Integrated)



Indoor Units			Single Phase Only
Trade Unit Price			EBVH16SU23D6V
User interface (must be ordered separately)			BRC1HHD(W/S/K)
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	3kW/6kW 1ph 230V	A	20
fuse rating			

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£108.00
BRC1HHDS	Madoka Heating - Silver	£108.00
BRC1HHDK	Madoka Heating - Black	£108.00
EKRELSG	Smart grid relay kit (high voltage)	£94.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£277.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£91.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£68.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£159.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£159.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£82.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£141.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£173.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£123.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£58.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£271.00

Accessory Ref	Description	Trade Price
BRP069A78	Daikin ONECTA App WLAN SD Card (See note)	£35.00
BRP069A71	Daikin ONECTA App (See note)	£39.00
K.FERNOXTF1	Fernox magnetic filter 1"	£140.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£165.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£165.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£298.00
EKCC9-W	Sequence Controller	£976.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£311.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£304.00
EKUHWG3D	G3 Kit (must be ordered separately)	£199.00

### Notes:

- \* Only one optional remote sensor can be installed. Sensor connects to indoor unit
- \*\* Recommended to achieve minimum outdoor unit ground clearance of 150mm
- 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
- Please note that due to the regulations around the use of R-32, where the refrigerant charge in the system is  $\geq 1.84$  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 there are no requirements for the minimum floor area, if a chimney is installed on the indoor unit and directed outside the building.

# 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.



## 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			£3,560.00	£3,839.00	£4,129.00	£3,739.00	£4,030.00	£4,337.00
Dimensions <sup>[1]</sup>	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 <sup>[2]</sup>		m	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>
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

<sup>[1]</sup> Excludes aesthetic grille<sup>[2]</sup> 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			£1,632.00	£1,702.00	£1,632.00	£1,702.00
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(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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 <sup>[1]</sup>	°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 <sup>[2]</sup>	Phase		1~ / 3~	3~	1~ / 3~	3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	400	230	400
	Maximum capacity <sup>[3]</sup>	kW	6 (2 step)	9 (2 step)	6 (2 step)	9 (2 step)
	Maximum running current	A	26	13	26	13
Recommended fuse rating <sup>[4]</sup>			20	20	20	20

<sup>[1]</sup> Tank temperature up to 75°C possible with backup heater only operation (or booster, if available in the system).

<sup>[2]</sup> Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

<sup>[3]</sup> Backup heater steps electronically setup on the indoor unit interface.

<sup>[4]</sup> 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
BRC1HHDW	Madoka Heating - White	£108.00
BRC1HHD5	Madoka Heating - Silver	£108.00
BRC1HHDK	Madoka Heating - Black	£108.00
EKRELSG	Smart grid relay kit (high voltage)	£94.00
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	£258.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£116.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£277.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£91.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£68.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£159.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£159.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£82.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£141.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£173.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£123.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi feet or wall bracket	£58.00

Accessory Ref	Description	Trade Price
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£102.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£145.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£111.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£271.00
BRP069A71	Daikin ONECTA App (See note)	£39.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£165.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£298.00
EKCC9-W	Sequence Controller	£976.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£311.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£304.00

**R-32**

Heating ETVH-E

# High Temperature Hydrobox (Integrated)



Indoor Units (Floor Standing)			Single Phase	
			ETVH12SU18E6V	ETVH12SU23E6V
Trade Unit Price			£2,911.00	£3,037.00
Compatible outdoor unit			EPRA08-12EV/EW1	EPRA08-12EV/EW1
User interface (must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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 <sup>[2]</sup>	Phase		1 ~ / 3 ~	1 ~ / 3 ~
	Frequency	Hz	50	50
	Voltage	V	230	230
	Maximum capacity	kW	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>
	Maximum running current	A	26	26
	Recommended fuse rating	A	20 <sup>[4]</sup>	20 <sup>[4]</sup>

[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)



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			£4,328.00	£4,742.00	£5,272.00	£4,552.00	£4,967.00	£5,499.00
Dimensions <sup>[1]</sup>	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 <sup>[2]</sup>		m	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>	10 <sup>[2]</sup>
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

<sup>[1]</sup> Excludes aesthetic grille<sup>[2]</sup> 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)



### 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

Indoor Unit (wall hung)			Heating Only		Heating and Cooling	
			ETBH16E6V7	ETBH16E9W7	ETBX16E6V7	ETBX16E9W7
Trade Unit Price			£1,717.00	£1,792.00	£2,035.00	£2,113.00
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(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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 <sup>[1]</sup>	°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 <sup>[2]</sup>	Phase		1~ / 3~	3~	1~ / 3~	3~
	Frequency	Hz	50	50	50	50
	Voltage	V	230	400	230	400
	Maximum capacity <sup>[3]</sup>	kW	6 (2 step)	9 (2 step)	6 (2 step)	9 (2 step)
	Maximum running current	A	26	13	26	13
	Recommended fuse rating <sup>[4]</sup>	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)

### Accessories:

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	£108.00
BRC1HHDS	Madoka Heating - Silver	£108.00
BRC1HHDK	Madoka Heating - Black	£108.00
EKRELSG	Smart grid relay kit (high voltage)	£94.00
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	£258.00
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	£116.00
EKPCCAB4	PC cable – to upload field settings from PC to unit	£277.00
EKRSC1	Optional remote temperature sensor for outdoor unit*	£91.00
KRCS01-1	Optional remote temperature sensor for indoor unit*	£68.00
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	£159.00
EKRP1AHT	Optional PCB for upto 4 digital inputs for power limitation	£159.00
UK.FF600H150	Pair of flexi-feet for mounting outdoor unit, 150mm tall**	£82.00
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, black)	£141.00
UK.CBR2XXL	Wall bracket for outdoor unit (250 Kg, 780mm long arm, 2 arms, ivory white)	£173.00
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	£123.00
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	£58.00

Accessory Ref	Description	Trade Price
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£102.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coated insulation, 1" FBSP x 28mm compression)	£145.00
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£111.00
EKUMBPART	Third party tank connection kit for dry pocket (contains 3 way valve, tank sensor and contactor)	£271.00
BRP069A71	Daikin ONECTA App (See note)	£39.00
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£165.00
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£298.00
EKCC9-W	Sequence Controller	£976.00
DCOM-LT/IO	Daikin Altherma I/O (Sequence Controller/Voltage/Resistance/Smart Grid) Gateway	£311.00
DCOM-LT/MB	Daikin Altherma Modbus Gateway	£304.00

**R-32**

Heating ETVH-E

## High Temperature Hydrobox (Integrated)



Indoor Units (Floor Standing)			Single Phase	
			ETVH16SU18E6V7	ETVH16SU23E6V7
Trade Unit Price			£3,064.00	£3,125.00
Compatible outdoor unit			EPRA14/16/18DV37/W17	EPRA14/16/18DV37/W17
User interface (must be ordered separately)			BRC1HHD(W/S/K)	BRC1HHD(W/S/K)
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 <sup>[1]</sup>	63°C <sup>[1]</sup>
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
	Water connections Indoor / outdoor	inch	G 1" (female)	G 1" (female)
	Water connections DHW / Recirc	inch	G 3/4" (female)	G 3/4" (female)
Hydraulic characteristics	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 <sup>[2]</sup>	Phase		1~ / 3~	1~ / 3~
	Frequency	Hz	50	50
		V	230	230
		kW	6 (2 step) <sup>[3]</sup>	6 (2 step) <sup>[3]</sup>
		A	26	26
		A	20 <sup>[4]</sup>	20 <sup>[4]</sup>

<sup>[1]</sup> Tank temperature up to 75°C possible with booster heater only operation (if available in the system).

<sup>[2]</sup> Power supply is for backup heater only. Indoor unit switch box and circulation pump are supplied via the outdoor unit.

<sup>[3]</sup> Backup heater steps electronically setup on the indoor unit interface.

<sup>[4]</sup> 4 pole 20A curve 400V tripping class C (refer to wiring diagram)

**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				£1,883.00	£2,013.00	£2,078.00	£2,207.00	
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 <sub>2</sub> Eq	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
		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 - η <sub>wh</sub> *	%	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)

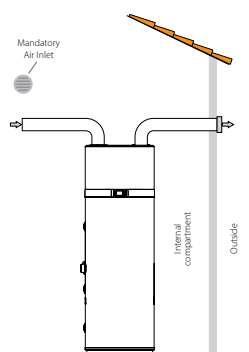


Fig. 1 - Example of air discharge connection

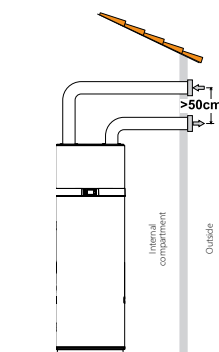


Fig. 2 - Example of air discharge connection

## Accessories:

Accessory Ref	Description	Trade Price
EKUHWG3D24	G3 Kit	£228.00
EKPHK02	Probe holder kit for solar thermal sensor	£109.00
EKFIL260	Filter kit	£69.00



# 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		£268.00	£294.00
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 <ul style="list-style-type: none"> <li>• EPBXU10-14A</li> <li>• E(D/B)LA04-08E</li> <li>• E(D/B)LA11-16D</li> <li>• EHBH/X04-08E</li> <li>• EBBH/X11-16D</li> <li>• EABH/X-D</li> <li>• ETB(H/X)-E</li> <li>• EHY2KOMB28/35A(add EKTH3)</li> </ul>		Compatible with <ul style="list-style-type: none"> <li>• EB/DLA04-08E</li> <li>• EB/DLA09-16</li> </ul>	Compatible with <ul style="list-style-type: none"> <li>• EPBXU10-14A</li> <li>• EB/DLA04-08E</li> <li>• E(D/B)LA11-16D</li> <li>• EHBH/X04-08E</li> <li>• EBBH/X11-16D</li> <li>• EABH/X-D</li> <li>• ETB(H/X)-E</li> <li>• EKHB RD-AD</li> </ul>
			

**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
- Available with the wiring box for separate connections and local power supply for the immersion heater
- With on board pump and 50L buffer vessel (25L slimline), these pre plumbed cylinders can also 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
- Maximum performance, built-in buffer vessel, which can also be used as hydraulic separation and pre-fitted pump and magnetic filter to ensure the best performance from the Daikin Altherma Monobloc
- 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			£2,497.00	£2,618.00	£2,635.00	£2,668.00	£3,144.00
Suitable for			Daikin Altherma R-32 Monobloc				
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
Primary immersion heater capacity			3	3	3	3	3
Primary immersion heater power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Primary immersion heater recommended fuses			A	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			£2,594.00		£2,783.00	
Suitable for			Daikin Altherma R-32Monobloc			
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	
Primary immersion heater capacity			3		3	
Primary immersion heater power supply			1-phase / 230V / 50Hz		1-phase / 230V / 50Hz	
Primary 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	

**R-32**

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			£1,463.00	£1,527.00	£1,542.00	£1,619.00	£1,693.00
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 R-32 Split and Low temperature monobloc 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**

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			£1,635.00	£2,031.00
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 <sup>[1]</sup>		kWh/24h	1.5	1.7
Heat Exchanger (Heat Source)	Material		Stainless Steel (DIN1.4404)	Stainless Steel (DIN1.4404)
	Surface Area	m <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>[2]</sup>	282 <sup>[2]</sup>
			252 <sup>[3]</sup>	240 <sup>[3]</sup>
			321 <sup>[4]</sup>	444 <sup>[4]</sup>
	Hot water volume without reheating at draw-off rate 8l/m	litres	284 <sup>[2]</sup>	324 <sup>[2]</sup>
			283 <sup>[3]</sup>	288 <sup>[3]</sup>
			352 <sup>[4]</sup>	492 <sup>[4]</sup>
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)

<sup>[1]</sup> Heat loss according to EN12897 and EN 15332

<sup>[2]</sup> Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 50°C

<sup>[3]</sup> Inlet temperature = 10°C / Tapping temperature = 40°C / Storage temperature = 60°C

<sup>[4]</sup> 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	£34.00
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	£78.00
165113	Secondary circulation kit - connection for secondary hot water connections	£118.00
EKBH3S	3kW immersion heater for thermal store	£290.00
EKEPHYHT35H	300l thermal store connection kit (R-32 Hybrid)	£194.00
EKEPRHLT3HX	300l Thermal store connection kit - Heating only & Reversible (R-32 H HT, H-Split, R-Split and Monobloc)	£164.00
EKEPRHLT5H	500l Thermal store connection kit - Heating only (R-32 H HT, H-Split, R-Split and Monobloc)	£214.00
EKEPRHLT5X	500l Thermal store connection kit - Reversible (R-32 H HT, H-Split, R-Split and Monobloc)	£300.00
EKEPHT3H	300L Thermal Store connection kit (R410 Hybrid/HT R-Split)	£267.00
EKEPHT5H	500L Thermal Store connection kit (R410 HT R-Split)	£390.00









## 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.CWBXL3A	Wall bracket for outdoor unit – Ivory	3	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	
UK.CWBXL3A-B	Wall bracket for outdoor unit – Black	3	660	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.


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



Example Drip Tray: K.DT2  
Wall bracket supplied separately

## 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	



## 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



## 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



## 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.CGL	Outdoor unit guard for twin fan outdoor units
K.CGFPPL	Front/Back panel for use with K.CGL
K.CGM	Outdoor unit guard for single fan outdoor units
K.CGFPML	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

## 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
<b>Wall brackets</b>		
K.CWB140-2	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms)	<b>£67.00</b>
K.CWBLSS	Wall bracket for outdoor unit (140kg, 540mm long, 2 arms) - Stainless Steel	<b>£206.00</b>
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	<b>£103.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	<b>£416.00</b>
UK.CWBXL3A	Wall bracket for outdoor unit (250kg, 660mm long, 3 arms, ivory)	<b>£161.00</b>
UK.CWBXXL3A-B	Wall bracket for outdoor unit (250kg, 780mm long, 3 arms, black)	<b>£202.00</b>
UK.CBR2XXL-B	Wall bracket for outdoor unit (250 kg, 780mm long arm, 2 arms, black)	<b>£141.00</b>
UK.CBR2XXL	Wall bracket for outdoor unit (250 kg, 780mm long arm, 2 arms, ivory white)	<b>£173.00</b>
UK.CWBXL3A-B	Wall bracket for outdoor unit (250kg, 660mm long, 3 arms, black)	<b>£172.00</b>
<b>Condensate trays</b>		
K.DT1	Condensate drip tray (800 x 400 x 50mm)	<b>£79.00</b>
K.DT2	Condensate drip tray (1100 x 400 x 50mm)	<b>£87.00</b>
UK.DT3	Condensate drip tray (1300 x 550 x 50mm)	<b>£122.00</b>
UK.DT5	Condensate drip tray (1400 x 400 x 50mm)	<b>£101.00</b>
UK.DT4	Condensate drip tray (1420 x 500 x 50mm)	<b>£123.00</b>
<b>Flexi-feet</b>		
K.FF600S	Two of flexi-feet (Standard) to mount the outdoor unit	<b>£67.00</b>
K.FF600ASN	Two of flexi-feet, 100mm height, for mounting outdoor unit	<b>£69.00</b>
UK.FF600S1503	Three flexi-feet, height 150mm, to mount the outdoor unit	<b>£130.00</b>
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	<b>£58.00</b>
UK.DTFB3	Floor bracket kit to mount drip tray for 3 flexi-feet or wall bracket	<b>£93.00</b>
UK.FF600H150	Two flexi-feet, height 150mm, to mount the outdoor unit	<b>£82.00</b>

Accessory Ref	Description	Trade Price
<b>Flexi-hoses</b>		
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£81.00</b>
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£102.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£145.00</b>
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£111.00</b>
<b>Protective guards</b>		
K.CGL	Outdoor unit guard for twin fan outdoor units	<b>£541.00</b>
K.CGFP	Front/Back panel for use with K.CGL	<b>£176.00</b>
K.CGM	Outdoor unit guard for single fan outdoor units	<b>£453.00</b>
K.CGFP	Front/Back panel for use with K.CGM	<b>£137.00</b>
K.CGBPML	Top/Bottom panel for use with K.CGM/L	<b>£92.00</b>
UK.CG-750S-INV	Outdoor Unit Guard for EB/DLA-E (4-6-8) Monobloc	<b>£502.00</b>
<b>Other</b>		
K.SLEEVE	Through wall insulation suitable for 22 & 28mm pipe (19mm tough PVC coat insulation)	<b>£45.00</b>
EKUMBPART	Third party tank connection kit for dry pocket - 3 way valve, pocket sensor and contact wiring harness	<b>£271.00</b>
<b>Antifreeze Valves</b>		
UK.AFVALVE2/JKT	Anti-freeze valve pack with compression fittings & jackets (pack contains 2 valves)	<b>£258.00</b>
AFVALVE1	Anti-freeze valve for glycol free systems (two required per heat pump)	<b>£116.00</b>

## Difference between EKUMBPART, EKHY3PART and EKHY3PART2:

<b>EKHY3PART2</b> Third party tank kit WITHOUT the contactor which is used for the immersion heater within the tank. Items include 3-way valve body, motor and sensor. Sensor cable is designed for the tank with the built-in thermostat		
<b>EKHY3PART</b> <sup>[2]</sup> Third party tank kit WITHOUT the contactor which is used for the immersion heater within the tank. Items include 3-way valve body + motor and sensor. Sensor is designed for the tank with the dry pocket		
<b>EKUMBPART</b> Third party tank kit WITH the contactor which is used for the immersion heater within the tank. Items include 3-way valve body + motor, sensor and contactor kit used for the immersion heater power supply		

# Compatibility Table

	R-290 H (6-14)	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)
	EPSK-AV3/W1	ED(B)LA-EV3	ED(B)LA-D3V3/W1	ERGA-EVA	ERLA-DV3/W1	EPRA-DV3	EJHA04AV3
<b>Wall brackets</b>							
K.CWB140-2					✓		
K.CWBL5S					✓		
K.CWBXL		✓		✓			✓
K.CWBXL5S		✓		✓			✓
UK.CWBXL3A							
UK.CWBXXL3A-B			✓				
UK.CBR2XXL-B					✓	✓	
UK.CBR2XXL					✓	✓	
UK.CWBXL3A-B							
<b>Condensate trays</b>							
K.DT1				✓			✓
K.DT2					✓		
UK.DT3					✓		
UK.DT5		✓					
UK.DT4			✓			✓	
<b>Flexi-feet</b>							
K.FF600S				✓			✓
K.FF600ASN				✓			✓
UK.FF600S1503			✓				
K.DTFB		✓		✓	✓	✓	✓
UK.DTFB3			✓				
UK.FF600H150		✓		✓	✓	✓	
<b>Flexi-hoses</b>							
K.HOSE500		✓	✓			✓	✓
K.HOSE750		✓	✓			✓	✓
K.HOSE750EL		✓	✓			✓	✓
UK.HOSE300EL		✓	✓			✓	✓
<b>Protective guards</b>							
K.CGL							
K.CGFPL							
K.CGM				✓			
K.CGFPM				✓			
K.CGBPML				✓	✓		
UK.CG-750S-INV		✓					
<b>Third party cylinder connection kits</b>							
EKUMBPART		✓	✓	✓	✓	✓	✓
EKHY3PART	✓						
EKHY3PART2	✓						
EKTH3							✓
<b>Antifreeze Valves</b>							
UK.AFVALVE2/JKT		✓	✓			✓	✓
AFVALVE1		✓	✓			✓	✓



## Altherma 3 WS

### Ambient loop heat pump solution

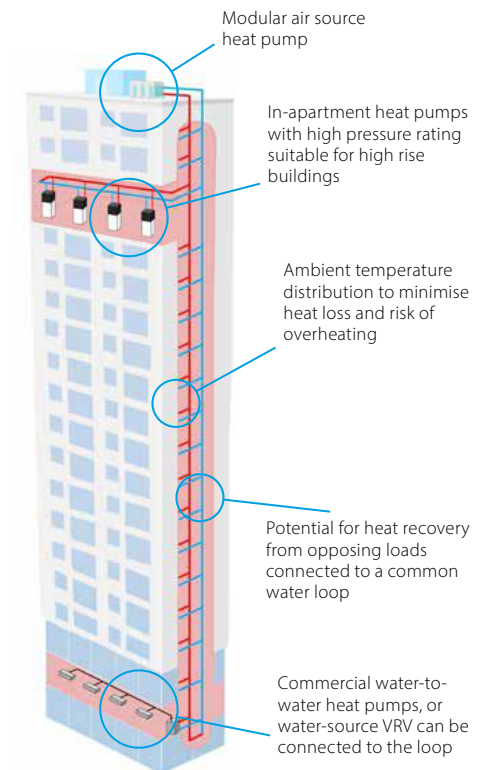
Daikin provides apartment buildings with sustainable and high energy performance heating equipment. Our combined Applied and Residential Heating products offer an integrated system that easily overcomes the practical concerns of both existing and new build apartment developments of all scales.

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<sub>2</sub> 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

Altherma 3 WS

**Accessories:**

Accessory Ref	Description	Trade Price
BRC1HHDW	Madoka Heating - White	<b>£108.00</b>
BRC1HHDS	Madoka Heating - Silver	<b>£108.00</b>
BRC1HHDK	Madoka Heating - Black	<b>£108.00</b>
EKPCCAB4	PC cable – to upload field settings from PC to unit	<b>£277.00</b>
KRCS01-1	Optional remote temperature sensor for indoor unit(1)	<b>£68.00</b>
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and bivalent operation	<b>£159.00</b>
EKRP1AHT	Optional PCB for power limitation	<b>£159.00</b>
DCOM-LT/MB	Daikin Altherma Modbus Gateway	<b>£304.00</b>
DCOM-LT/IO	Daikin Altherma I/O Gateway	<b>£311.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£140.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£165.00</b>
EKUHVG3DS	G3 Kit (8l)	<b>£159.00</b>
UK.INBUFFER/10L	10L Inline Buffer Vessel	<b>£268.00</b>
UK.INBUFFER/20L	20L Inline Buffer Vessel	<b>£294.00</b>

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	mm	22	22
	Space heating			
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
<b>Trade Unit Price</b>			<b>£6,817.00</b>	<b>£7,381.00</b>

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

\*\* Can be reduced to 16 Amp if back up heater can be reduced to 3 kw by commissioning setting

**Commission Packs:**

Commission Pack Ref	Description	Net price
UK.FSHEAT/WSCOMMS(3)	Commissioning assistance <10 EWSA-D units	<b>POA</b>
UK.FSHEAT/WSCOMMS1(3)	Commissioning assistance 11 to 50 EWSA-D units	<b>POA</b>
UK.FSHEAT/WSCOMMS2(3)	Commissioning assistance >50 EWSA-D units	<b>POA</b>

**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<sub>2</sub> 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

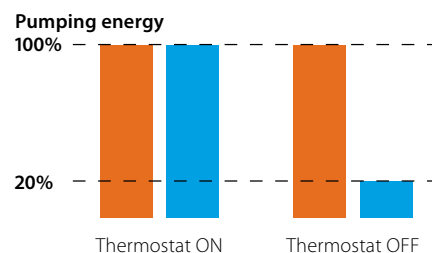
- Broad layout
- Alucoat Fins Coils as standard with option for Blygold



### 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

■ No VFD  
■ VFD



**Intelligent Chiller Manager**

### 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 <sup>[1]</sup>	115	135	175	215	215 <sup>[1]</sup>	235	265	310	350	400	440	500	560	600	630	650
Cooling capacity	FWT 20 °C, Amb 35°C, 5K Delta Temp	kW	114	145	173	230	283	292	325	351	399	454	513	570	650	718	775	822	854
Power input	Cooling design	kW	30	40	49	67	85	79	87	98	111	127	144	160	187	212	230	244	234
Heating capacity	FWT 25 °C, Amb -5°C, <sup>[1]</sup>	kW	62 <sup>[1]</sup>	81	97	129	161	157 <sup>[1]</sup>	175	189	222	256	289	321	365	406	433	460	468
Power input heating	Heating <sup>[1]</sup>	kW	17.7 <sup>[1]</sup>	22	26	34	42	42.3 <sup>[1]</sup>	47	51	56	64	74	81	93	104	113	120	127
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	3.83	3.59	3.53	3.44	3.33	3.71	3.74	3.59	3.60	3.57	3.57	3.56	3.47	3.38	3.37	3.37	3.66
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	kW/kW	3.53 <sup>[1]</sup>	3.61	3.75	3.79	3.82	3.74 <sup>[1]</sup>	3.75	3.73	3.95	3.97	3.91	3.97	3.92	3.89	3.82	3.83	3.68
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		Braze plate																
Water flow rate	Cooling	l/s	5.5	6.9	8.3	11.0	13.5	14.0	15.5	16.8	19.1	21.7	24.5	27.3	31.1	34.4	37.1	39.3	40.9
Water pressure drop	Cooling	kPa	18.1	27.9	38.5	36.3	52.7	22.7	27.5	31.7	39.8	50.3	62.6	43.7	55.3	60.6	69.5	77.3	82.8
Water flow rate	Heating <sup>[1]</sup>	l/s	3.7 <sup>[1]</sup>	3.8	4.6	6.2	7.7	9.8 <sup>[1]</sup>	8.4	9.0	10.6	12.2	13.8	15.3	17.4	19.4	20.7	22.0	22.4
Water pressure drop	Heating <sup>[1]</sup>	kPa	9.2 <sup>[1]</sup>	9.6	13.5	12.8	19.1	11.3 <sup>[1]</sup>	9.0	10.4	13.9	17.8	22.3	15.4	19.5	21.7	24.4	27.1	28.0
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	71	83	112	141	136	147	161	190	217	241	270	314	359	387	411	394
	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)

<sup>[1]</sup> 4K heating mode delta temp for EWYT085B-XRA1 and EWYT215B-XRA2 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

Possibility to increase the capacity with new Back-to-Back special version: Heating up to 1300kW, Cooling up to 1220kW (Nominal conditions) Applicable to high efficiency model sizes between 350 and 650.

Mandatory commissioning by Daikin Airconditioning UK, see page 325 of the commercial price book.

**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	EWYT016CZNB1		EWYT021CZNB1		EWYT025CZNB1		EWYT032CZNB1		EWYT040CZNB1		EWYT040BCZNB2		EWYT050CZNB2		EWYT064CZNB2		EWYT090CZNB2	
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, kW 5K Delta Temp	22.7	25.9	31.1	35.7	36.5	41.5	46.4	54.8	57.0	65.0	59.5	70.4	72.6	82.7	91.1	102.8	126.4	140.0
Power input	Cooling design kW	5.91	7.64	7.18	9.68	9.59	12.1	11.3	15.0	14.3	18	14.6	19.9	19.1	24.2	24.3	31.2	34.1	42.7
Heating capacity	FWT 25°C, Amb -5°C, <sup>[1]</sup> kW	11.5	13.1	14.67 <sup>[1]</sup>	17.23 <sup>[1]</sup>	17.7	20.2	23.3	25.9	28.0	32.0	29.3 <sup>[1]</sup>	34.7	35.4	40.6	44.1	49.1	61.7	68.0
Power input heating	Heating kW	3.08	3.61	3.82	4.66	4.93	5.92	6.06	7.50	7.70	9.30	7.70	9.48	10.10	12.20	12.40	15.10	17.90	21.40
Capacity control	Method	Variable (Inverter)																	
	Minimum capacity %	18		14		12		19		15		14		12		15		14	
EER	Design kW/kW	3.85	3.40	4.19	3.68	3.81	3.42	4.11	3.67	4.00	3.60	4.07	3.54	3.80	3.42	3.75	3.30	3.71	3.30
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	3.75	3.62	3.84	3.70	3.59	3.42	3.84	3.46	3.70	3.40	3.79	3.66	3.52	3.34	3.56	3.25	3.44	3.20
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	1.09	1.25	1.45	1.71	1.75	1.99	2.23	2.64	2.60	2.6	2.86	3.38	3.49	3.97	4.38	4.94	6.07	6.6
Water pressure drop	Cooling kPa	38.1	48.3	22.0	29.9	31.1	39.2	37.0	50.1	49.5	50.1	19.2	26.1	27.6	34.9	41.5	51.7	38.8	44.7
Water flow rate	Heating l/s	0.55	0.62	0.87	1.03	0.84	0.97	1.11	1.24	1.40	1.5	1.75	2.07	1.69	1.94	2.11	2.34	2.95	3.3
Water pressure drop	Heating kPa	11.1	13.8	8.9	11.9	8.3	10.6	10.6	12.4	15.0	18.8	8.0	10.8	7.5	9.6	11.1	13.5	10.6	12.6
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	13.8	15.0	15.5	18.0	18.1	21.0	25.3	29.0	28.6	32.0	29.5	34.0	34.2	40.0	45.8	53.0	61.7	70.0
	Running current Max A	18.8	19.0	23.1	23.0	25.8	26.0	37.4	37.0	41.8	42.0	45.2	45.0	50.7	51.0	66.7	67.0	91.4	91.0
	Voltage/Phase/Freq	V/Ph/Hz																	
Base Unit + Op.191		EWYT016CZNB1		EWYT021CZNB1		EWYT025CZNB1		EWYT032CZNB1		EWYT040CZNB1		EWYT040BCZNB2		EWYT050CZNB2		EWYT064CZNB2		EWYT090CZNB2	
Trade Price - Base Unit + Op.191		£8,694.00		£10,073.00		£11,362.00		£13,190.00		£15,649.00		£17,169.00		£18,768.00		£21,846.00		£27,560.00	

### 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	£9,490.00	£11,156.00	£12,463.00	£14,543.00	£17,316.00	£18,694.00	£20,538.00	£23,717.00	£31,182.00

Model	EWYT016CZHB1	EWYT021CZHB1	EWYT025CZHB1	EWYT032CZHB1	EWYT040CZHB1	EWYT040BCZHB2	EWYT050CZHB2	EWYT064CZHB2	EWYT090CZHB2
High Lift Pump Nominal Head kPa	470	460	420	400	370	400	360	325	280
Trade Price - Base Unit + High Lift Pump + Op.191	£9,925.00	£11,481.00	£12,754.00	£14,781.00	£17,971.00	£19,200.00	£21,010.00	£24,152.00	£31,624.00

### Please note:

- <sup>[1]</sup> 4K Δt heating mode delta temp for EWYT021CZ(N/P/H)BA1 (Normal & Max Mode) and EWYT040CZ(N/P/H)BA2 (Normal Mode). 5K Δt heating mode delta temp for all other model sizes data. Zero fouling factor, pure water.  
<sup>[2]</sup> Commissioning by Daikin Air Conditioning UK is mandatory and can be arranged through your regional service department with pricing detailed on page 325 of the commercial price book.

### Accessories:

Accessory Ref	Description	Trade Price
EKRSC TMS	Temperature sensor for master/slave configuration	£63.00
EKRSC T D H	Tank temperature sensor for DHW application	£258.00
EKRSC IO	IO Extension for VPF, domestic hot water, demand limit, setpoint reset, low noise	£178.00
EKRSC IO H	IO Extension for heating applications (Bivalent Operation & WS Collective Housing)	£613.00

Accessory Ref	Description	Trade Price
EKRSC BMS	External BMS Communication (Modbus RTU/TCP, Bacnet MSTP/IP)	£239.00
EKRSC SM	DoS Router c/w Antenna & M2M Sim Card	£270.00
EKRSC DP	Differential Pressure Transducer for VPF	£1,202.00





# Hybrid Heat Pump / Gas Boiler

<b>Hybrid Heat Pump</b>	46
Hybrid Monobloc (R32) Heat Pump	46
Gas Boiler	49
<hr/>	
<b>Accessories</b>	50
Flue Accessories	50
Heat Pump Accessories	53



**R-32**

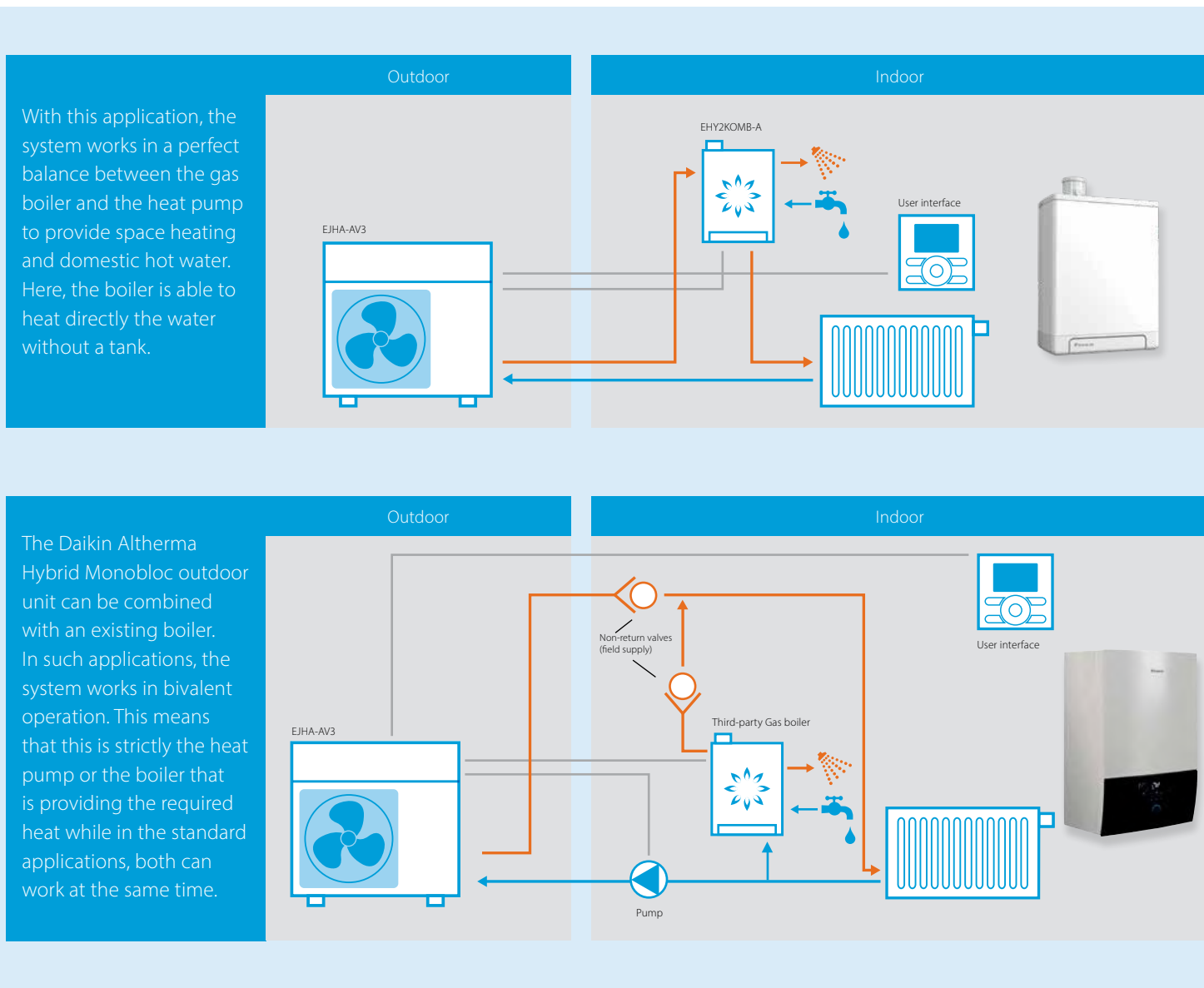
## Hybrid Monobloc (R-32) Heat Pump System

### 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<sub>2</sub>, to ensure high cost savings and environmentally-friendly operation
- **Plug & Play** as the pump group is integrated inside



**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			£2,048.00
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		m³/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			£1,194.00	£1,450.00
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	<b>£130.00</b>
BRP069A62	Daikin ONECTA App	<b>£184.00</b>
EKBALLV1	Ball Valves	<b>£42.00</b>
EKFJM1A	Mounting jig for 28kW Boiler (Including 8 litre expansion vessel and valves)	<b>£137.00</b>
EKFJL1A	Mounting jig for 32kW Boiler (Including 8 litre expansion vessel and valves)	<b>£137.00</b>
EKCP1A	Valve Cover Plate	<b>£12.00</b>
UK.FILLINGLOOP	Straight braided filling loop	<b>£15.00</b>
EK3WV1A	3-way valve kit for W-plan installation	<b>£76.00</b>
EKPS075867	LPG conversion kit 28kW Boiler	<b>£25.00</b>
EKHY075787	LPG conversion kit 32kW Boiler	<b>£25.00</b>
EKHY090717	Flue adapter 80/125	<b>£25.00</b>
EKPCCAB4	PC cable – to upload field settings from PC to unit or spare controller	<b>£277.00</b>
EKRP1HBA	Optional PCB kit for remote alarm monitoring, run and fault indication and solar interlock	<b>£159.00</b>
EKBPH04JH	Bottom plate heater for Hybrid R-32	<b>£155.00</b>
EKTH4	Thermal store domestic hot water thermistor	<b>£60.00</b>
EKEPHYHT35H	Thermal store connection kit <sup>[1]</sup>	<b>£194.00</b>
EKTH3	Daikin EKHSU-D3V3 or third party tank domestic hot water thermistor <sup>[2]</sup>	<b>£31.00</b>
EKHY3PART	Third party tank kit – for third party thermostat <sup>[2]</sup>	<b>£220.00</b>
EKADDONJH	External pump for third party boiler applications <sup>[3]</sup>	<b>£158.00</b>
EKADDONJH2	Non-return valves and cables for external pump <sup>[3]</sup>	<b>£158.00</b>
EKRSC1	Optional remote temperature sensor for outdoor temperature (see note) <sup>[4]</sup>	<b>£91.00</b>

**Hybrid Tank Connection Kits**

Part Number	Description	Trade Price
EKEPHT3H	<b>Daikin thermal store (EKHWP)</b> This pack contains: 3 way valve (Honeywell) Tank sensor (HT + adapter) 2 x isolation valves T-piece	<b>£267.00</b>
EKHY3PART	<b>Third party tank – dry pocket sensor</b> This pack contains: 3 way valve (ESBE) Tank sensor (LT)	<b>£220.00</b>
EKHY3PART2	<b>Third party tank – for third party thermostat</b> This pack contains: 3 way valve (ESBE) Wire harness	<b>£268.00</b>

Accessory Ref	Description	Trade Price
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£102.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£145.00</b>
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£111.00</b>
K.FF600ASN	Pair of flexi-feet, 100mm height, for mounting outdoor unit	<b>£69.00</b>
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long, 2 arms)	<b>£103.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long, 2 arms) - Stainless Steel	<b>£416.00</b>
K.DT1	Condensate drip tray (800 x 400 x 50mm)	<b>£79.00</b>
K.CGM	Outdoor unit guard	<b>£453.00</b>
K.DTFB	Floor bracket kit to mount drip tray to pair flexi-feet or wall bracket	<b>£58.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£140.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£165.00</b>
RHEATMETH	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b> 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	<b>£261.00</b>
RELECMETV	<b>Electric meter for domestic RHI (for Altherma hybrid only)</b> 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	<b>£192.00</b>
RGATEWAY	<b>Communication Gateway for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using UK.RHEATMETL and UK.RELECMETV Permanent internet connection required via a third party local router	<b>£356.00</b>

**Notes:**

Outdoor unit, boiler, EKRUHML1, EKBALLV1 & EKFJ(M/L)1A is required to be ordered to have a complete system

<sup>[1]</sup> Must be purchased together to enable connection onto Daikin thermal store

<sup>[2]</sup> EKHY3PART and EKHSU-D3V3 must be purchased together to enable connection onto pressurised cylinder

<sup>[3]</sup> Both required when installing outdoor unit alongside third party boiler

<sup>[4]</sup> Only one optional remote sensor can be installed

**R-410A**

D2CND

# Daikin Gas Condensing Boiler

Compatible with up to 20% Hydrogen mix



## Accessories:

Accessory Ref	Description	Trade Price
DRCONKITC2AB	Boiler Valve kit	<b>£60.00</b>
DRMOPISET06AA	24kW boiler copper tails	<b>£25.00</b>
DRMOPISET07AA	28-35kW boiler copper tails	<b>£25.00</b>
DRWTER60100AA	Horizontal flue kit 60/100 (D2CND)	<b>£56.00</b>
UK.FILLINGLOOP	Straight braided filling loop	<b>£15.00</b>
DOTROOMTHEAA	Daikin D2CND OpenTherm controller	<b>£114.00</b>
DRGATEWAYAA	Daikin D2CND LAN adapter	<b>£108.00</b>
150042	D2CND outdoor sensor	<b>£19.00</b>
DRCOVERPLATAA	Optional pipe cover plate for 24kW models	<b>£36.00</b>
DRCOVERPLA2AA	Optional pipe cover plate for 28 & 35kW models	<b>£50.00</b>
K.FERNOXTF1	Fernox magnetic filter 1"	<b>£140.00</b>
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	<b>£165.00</b>

Part Number			D2CND024A4A	D2CND028A4A	D2CND035A4A
Description			24kW Wall Hung Boiler	28kW Wall Hung Boiler	35kW Wall Hung Boiler
Combined Trade Unit Price			£609.00	£701.00	£796.00
Seasonal space heating efficiency	Class		A	A	A
	Efficiency	%	93	93	93
Water heating energy efficiency	Class		A	A	A
	Declared load profile		XL	XL	XL
	Efficiency	%	84	84	83
SEDBUK Efficiency		%	88.9	89.1	89
Dimensions	Height x Width x Depth	mm	590 x 400 x 256	695 x 440 x 295	695 x 440 x 295
Weight		kg	27	37	37
Central Heating	Nom. Input rating (lower value)	kW	2.9 - 23.5	4.8 - 27.0	4.8 - 34
	Nom. Input rating (upper value)	kW	3.2 - 26.1	5.3 - 30.0	5.3 - 37.8
	Output at 80/60°C min - nom	kW	2.8 - 22.8	4.6 - 26.3	4.6 - 33.2
	Output at 50/30°C min - nom	kW	3.1 - 24.0	5.2 - 28.2	5.2 - 35.0
	Min. output at 30/40	kW	3.2	4.1	5
	Max. CH water pressure	bar	3	3	3
	Max. CH water temperature	°C	100	100	100
Domestic Hot Water	Nom. Input rating (lower value)	kW	2.9 - 23.5	4.8 - 29.5	4.8 - 34.0
	Nom. Input rating (upper value)	kW	3.2 - 26.1	5.3 - 32.7	5.3 - 37.7
	Nom. Output	kW	2.8 - 22.8	3.6 - 26.0	4.46 - 32.6
	Threshold	l/min	2	2.5	2.5
	Flow rate ΔT 30°K	l/min	11.3	14	16
	Flow rate ΔT 35°K	l/min	10.3	12	13.7
Casing	Colour		Titanium White (RAL 9003)		
	Material		Powder coated galvanised steel		
CH connections		inch	3/4"	3/4"	3/4"
DHW connections		inch	1/2"	1/2"	1/2"
Gas connection		inch	3/4"	3/4"	3/4"
Sound power level		dBA	49	50	53
IP rating			IPX5D	IPX5D	IPX5D
Device type			C13, C33	C13, C33	C13, C33
Supply pressure	Natural gas (G20)	mbar	20	20	20
	LPG (G31)	mbar	37	37	37
Nox class			6	6	6
Flue gas connection			60/100	60/100	60/100
Maximum flue length, 60/100	Horizontal <sup>[1]</sup>	m	8.1	7.0	7.0
	Vertical	m	7.6	7.6	7.6
Maximum flue length, 80/125	Horizontal <sup>[1]</sup>	m	26.2	33.6	33.6
	Vertical	m	25.6	34.4	34.4
Power supply			1-phase / 230V / 50Hz		

## Features:

- Compact and light solution with a low lift weight, from 27kg
- Available as 24, 28 & 35kW models
- High modulation range of 1:8, modulates down to 2.8kW
- Suitable for all installations, with inbuilt LPG conversion kit
- Can be installed as a system boiler, in S-plan(+) or Y-plan configurations

## Notes:

Boiler, DRCONKITC2AB, DROPISET0(6/7)AA and UK.FILLINGLOOP is required to be ordered to have a complete system

Changes in parameter C3 adjusts fan speed, enabling longer flue runs. Refer to service manual for further details

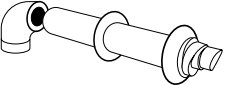
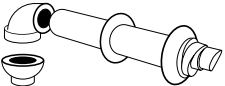
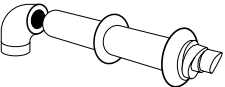
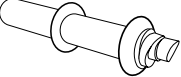
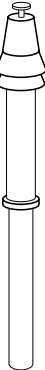
<sup>[1]</sup> Lengths Include one 90° elbow

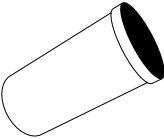
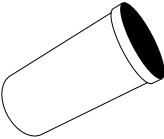
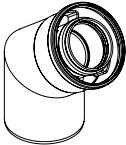
These boilers can be used with up to 20% hydrogen mix

**Please make sure when ordering your boiler that you also order the boiler valve kit and the appropriate copper tail**

## Daikin Altherma Hybrid Heat Pump System and Gas Boiler

## Flue Accessories (60/100)

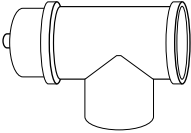
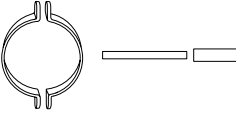
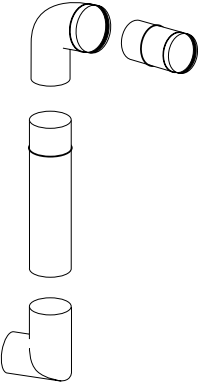
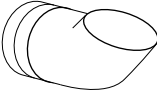
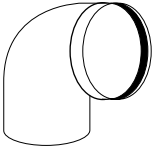
Description	Quantity per pack	Part number	Trade Price
 Horizontal flue kit 60/100 (Hybrid)	1	EKFGP1292	<b>£60.00</b>
 Horizontal flue kit with low profile elbow 60/100 (Hybrid)	1	EKFGP1293	<b>£77.00</b>
 Horizontal flue kit 60/100 (D2CND)	1	DRWTER60100AA	<b>£56.00</b>
 Telescopic horizontal flue kit 60/100 (Terminal only) Must be ordered alongside connection elbow DR90ELBO60100AA for boiler or EKFGP4660 for hybrid	1	DRWTERT60100AA	<b>£37.00</b>
 Vertical roof terminal 60/100	1	EKFGP6837	<b>£90.00</b>

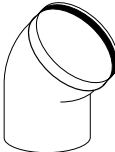
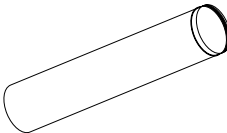
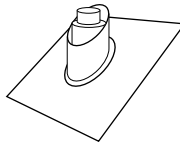
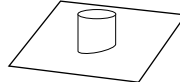
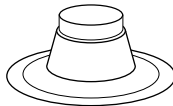

Description	Quantity per pack	Part number	Trade Price
 Extension 60/100 x 500mm	1	EKFGP4651	<b>£35.00</b>
 Extension 60/100 x 1000mm	1	EKFGP4652	<b>£42.00</b>
 Offset Elbow 60/100	1	EKFGP1289	<b>£35.00</b>
 Elbow 60/100, 87 degrees for D2CND flue turret	1	DRMEEA60100BA	<b>£13.00</b>
 Elbow 60/100, 30 degrees	1	EKFGP4664	<b>£45.00</b>
 Elbow 60/100, 45 degrees	1	EKFGP4661	<b>£30.00</b>
 Elbow 60/100, 87 degrees	1	EKFGP4660	<b>£30.00</b>



# Daikin Altherma Hybrid Heat Pump System and Gas Boiler


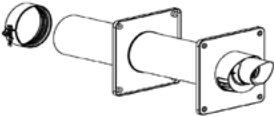

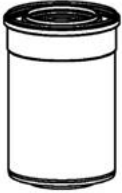
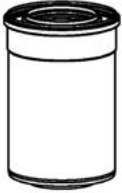

## Flue Accessories (60/100) (Continued)





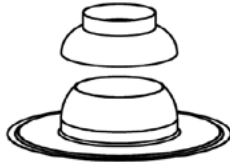
Description	Quantity per pack	Part number	Trade Price
 Tee with inspection panel 60/100	1	EKFGP4667	<b>£123.00</b>
 Wall bracket DN.100	1	EKFGP4631	<b>£6.00</b>
 Plume Management Kit (PMK)	1	EKFGP1294	<b>£51.00</b>
 Flue deflector	1	EKFGP1295	<b>£14.00</b>
 PMK elbow, 87 degrees	1	EKFGP1284	<b>£12.00</b>

	Description	Quantity per pack	Part number	Trade Price
	PMK elbow, 45 degrees	2	EKFGP1285	£25.00
	PMK extension, length 1000mm incl. bracket	1	EKFGP1286	£20.00
	Weather slate (plastic) 60/100 (25-45 degrees)	1	EKFGP7910	£37.00
	Weather slate 60/100 18-22 degrees	1	EKFGS0518	£137.00
	23-27 degrees	1	EKFGS0519	£137.00
	43-47 degrees	1	EKFGS0523	£137.00
	48-52 degrees	1	EKFGS0524	£137.00
	53-57 degrees	1	EKFGS0525	£137.00
	Weather slate flat aluminium 60/100	1	EKFGP6940	£25.00
	Weather slate flat aluminium 60/100 (0 – 15 degrees)	1	EKFGP1296	£73.00

## Daikin Altherma Hybrid Heat Pump System and Gas Boiler

## Flue Accessories (80/125)

Description	Quantity per pack	Part number	Trade Price
 60/100 to 80/125 Flue adapter	1	DRDECO80125BA	<b>£14.00</b>
 Horizontal wall terminal 80/125	1	EKFGW6359	<b>£73.00</b>
 Vertical roof terminal 80/125	1	EKFGP6864	<b>£109.00</b>
 Extension 80/125 0.5m	1	EKFGP4801	<b>£43.00</b>
 Extension 80/125 1m	1	EKFGP4802	<b>£52.00</b>
 Elbow 80/125 90°	1	EKFGP4810	<b>£36.00</b>

	Description	Quantity per pack	Part number	Trade Price
	Elbow 80/125 45°	1	EKFGP4811	£36.00
	Wall bracket 80/125	1	EKFGP4481	£15.00
	Inspection elbow 80/125 90°	1	EKFGP4820	£150.00
	Weather slate 80/125 18-22 degrees	1	EKFGT6300	£165.00
	23-27 degrees	1	EKFGT6301	£165.00
	24-45 degrees	1	EKFGP7909	£165.00
	Weather slate flat roof aluminium DN80/125	1	EKFGP1297	£91.00

## Daikin Altherma Heat Pump System

# Hybrid Heat Pump Accessories

Accessory Ref	Description	Trade Price
<b>Wall brackets</b>		
K.CWBXL	Wall brackets for outdoor units (250kg, 660mm long)	<b>£103.00</b>
K.CWBXLSS	Wall brackets for outdoor units (250kg, 660mm long) - Stainless Steel model	<b>£416.00</b>
<b>Condensate trays</b>		
K.DT1	Condensate drip tray (800 x 400 x 50mm)	<b>£79.00</b>
K.DT2	Condensate drip tray (1100 x 400 x 25mm)	<b>£87.00</b>
<b>Flexi-feet</b>		
K.FF600S	Pair of flexi-feet (Standard) to mount the outdoor unit	<b>£67.00</b>
K.FF600ASN	Pair of flexi-feet (Narrow) to mount the outdoor unit	<b>£69.00</b>
K.DTFB	Floor bracket kit to mount drip tray to flexi-feet	<b>£58.00</b>
<b>Flexi-hoses</b>		
K.HOSE500	Pair of flexible hoses (Length 500mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£81.00</b>
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£102.00</b>
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£145.00</b>
UK.HOSE300EL	Pair of flexible hoses with elbow (Length 300mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	<b>£111.00</b>
<b>Protective guards</b>		
K.CGM	Outdoor unit guard for single fan outdoor units	<b>£453.00</b>
K.CGFP	Front/Back panel for use with K.CGM	<b>£137.00</b>
K.CGBPML	Top/Bottom panel for use with K.CGM/L	<b>£92.00</b>
K.CGSIDE	Partial guard to protect side coil	<b>£218.00</b>
<b>Third party cylinder connection kits</b>		
EKHY3PART2	Third party tank connection kit for third party thermostat - 3 way valve and wiring harness	<b>£268.00</b>
EKHY3PART	Third party tank connection kit for dry pocket - 3 way valve and pocket sensor	<b>£220.00</b>
EKUMBPART	Third party tank connection kit for dry pocket - Contactor, 3 way valve and pocket sensor	<b>£271.00</b>
EKTH3	Daikin EKHSU-D3V3 or third party tank domestic hot water thermistor <sup>[1]</sup>	<b>£31.00</b>
EKTH4	Thermal store domestic hot water thermistor	<b>£60.00</b>
<b>Other</b>		
K.SLEEVE	Through wall insulation suitable for 22 & 28mm pipe (19mm tough PVC coat insulation)	<b>£45.00</b>
K.HEATMET	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b> MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	<b>£261.00</b>
K.ELECMETV	<b>Electric meter for domestic RHI - Single-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£165.00</b>
K.ELECMETW	<b>Electric meter for domestic RHI - Three-phase (Metering for performance compliant)</b> MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£298.00</b>
RHEATMETH	<b>Heat meter for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using RGATEWAY and RELECMETV MID Class 3 heat meter delivered with body, digital interface and 2 x flow temperature sensors	<b>£261.00</b>
RELECMETV	<b>Electric meter for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using RGATEWAY and RHEATMETH MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	<b>£192.00</b>
RGATEWAY	<b>Communication Gateway for domestic RHI (for Altherma hybrid only)</b> M-Bus enabled for Daikin remote monitoring cloud using RHEATMETH and RELECMETV Permanent internet connection required via a third party local router	<b>£356.00</b>

# Compatibility Table

	R-32 Hybrid
<b>Wall brackets</b>	
K.CWBXL	✓
K.CWBXLSS	✓
<b>Condensate trays</b>	
K.DT1	✓
K.DT2	✓
<b>Flexi-feet</b>	
K.FF600S	✓
K.FF600ASN	✓
K.DTFB	✓
<b>Flexi-hoses</b>	
K.HOSE500	✓
K.HOSE750	✓
K.HOSE750EL	✓
UK.HOSE300EL	✓
<b>Protective guards</b>	
K.CGM	✓
K.CGFP	✓
K.CGBPML	✓
K.CGSIDE	
<b>Third party cylinder connection kits</b>	
EKHY3PART2	
EKHY3PART	✓
EKUMBPART	✓
EKTH3	✓
EKTH4	✓
<b>Other</b>	
K.SLEEVE	✓
K.HEATMET	✓
K.ELECMETV	✓
K.ELECMETW	✓
RHEATMETH	✓
RELECMETV	✓
RGATEWAY	✓

## Notes:

<sup>[1]</sup> Must be purchased together to enable connection onto pressurised cylinder including Daikin EKHSU-D3V3





# Smart Controls

<b>Smart Controls</b>	56
Madoka for Heating	56
Daikin Onecta App	57
Home Controls	58
Daikin Cloud Service (DCS)	59
Gateways / cascade control	60



# 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.

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.



White RAL 9003 (glossy)

BRC1HHDW



Silver RAL 9006 (metallic)

BRC1HHDW



Black RAL 9005 (matt)

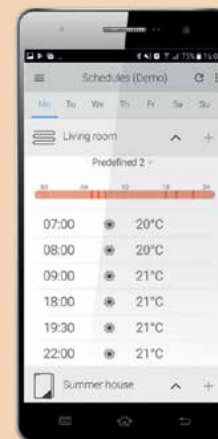
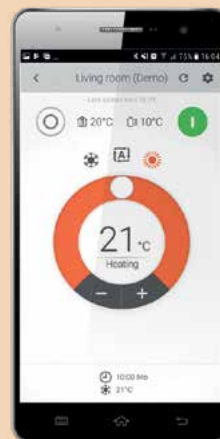
BRC1HHDK



Part Number		BRC1HHDW	BRC1HHDW	BRC1HHDK
Trade Unit Price		£108.00	£108.00	£108.00
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 <sup>2</sup>	0.75 - 1.25	0.75 - 1.25	0.75 - 1.25
	Max. wiring length m	500	500	500

# Daikin Onecta App

## Always in control of your heating - any time, anywhere



onecta



## Take control with the Daikin Onecta App

- Monitor, adjust and schedule both your space heating and domestic hot water via an easy-to-use smart device app
- Review your heat pump energy consumption to increase your savings\*
- Control multiple units at different locations from the single app, including system status and operating mode reporting

Compatibility Table		LAN Adaptor & SG Card BRP069A61	LAN Adaptor BRP069A62	WLAN Cartridge BRP069A78	WLAN Adaptor 2* BRP069A71
Function	Daikin ONECTA App				
Compatibility	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		£284.00	£184.00	£35.00	£39.00

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
Length	mm
Depth	mm

\* Energy monitoring is only possible with T07 software and D series units

### 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.

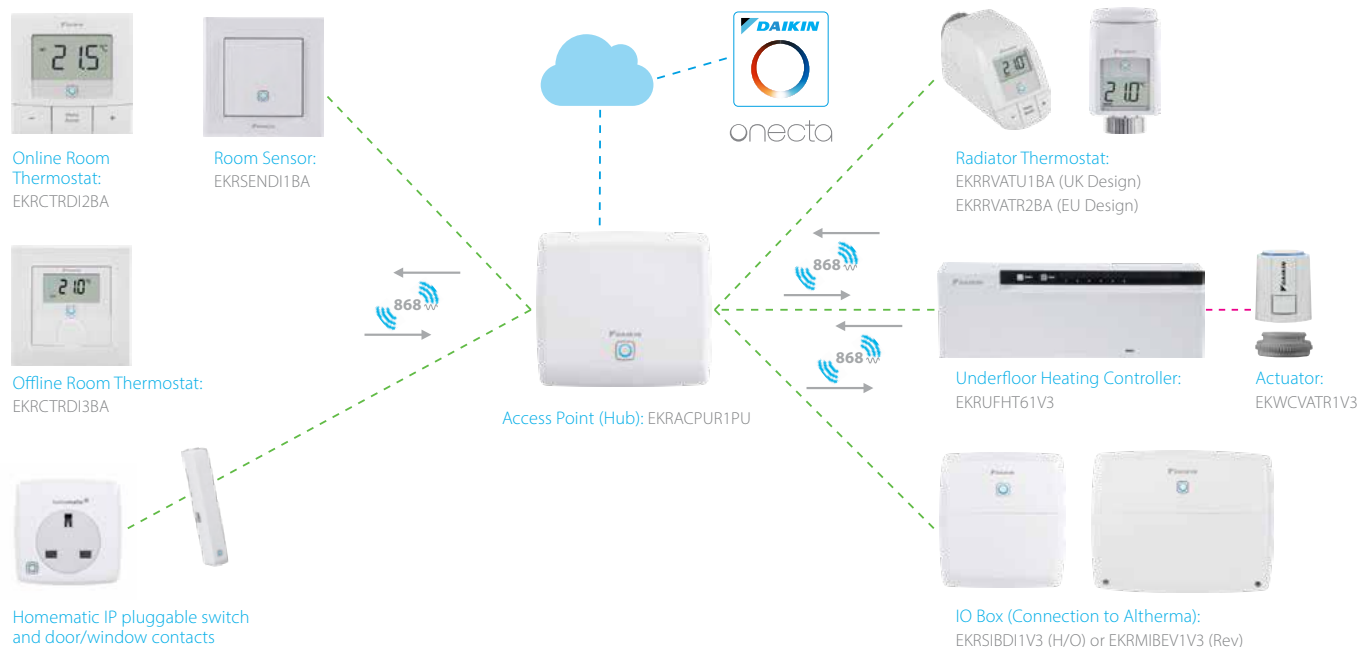
\*\* BRP069A78 WLAN Cartridge is supplied with the product.

# Home Controls

Daikin Home Controls (DHC) are used for the room by room control of Daikin Altherma systems. These controls can also be controlled, monitored, commissioned and configured via the Onecta App.

Daikin Home Controls consist of a combination of smart devices such as digital room thermostats, digital TRVs, room sensor, underfloor heating wiring centre, Heat Pump Interface kit and Access Point (Hub) which will enable the room by room control of your heating system thus increasing comfort and efficiency and allowing more accurate control.

For the Daikin Home Controls to be accessed via the Onecta App, an internet connection via LAN will be required. Daikin Home Controls can be used without access point, cloud and Onecta app with limited functioning and possible combinations.



Access Point (Hub)	
Part Number	EKRACPUR1PU
Trade Unit Price	£68.00
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	£44.00
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	EKRCTRD12BA
Trade Unit Price	£73.00
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

Offline Room thermostat	
Part Number	EKRCTRD13BA
Trade Unit Price	£73.00
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 23,5 mm / 86 x 86 x 25 mm
Weight	100 g (incl. batteries)
Ambient temperature	0 - 35°C

Radiator thermostat UK Design	
Part Number	EKRRTVATU1BA
Trade Unit Price	£73.00
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

Radiator thermostat EU Design	
Part Number	EKRRTVATR2BA
Trade Unit Price	£73.00
Supply voltage	2 x 1,5V AA battery
Battery life	2 years
Dimensions (w x h x d)	57 x 68 x 102 mm
Weight	185 g (incl. batteries)
Connection	M30 x 1.5 mm
Ambient temperature	0 - 50°C

Floor Heating Controller	
Part Number	EKRUFHT61V3
Trade Unit Price	£200.00
Power supply	230 V / 50 Hz
Dimensions (w x h x d)	225 x 75 x 52 mm
Weight	566 g
Number of rooms	6
Number of actuators	9
Switching capacity per heating zone	1 A max.
Nominal load of all actuators	250 W max.
Ambient temperature	0 - 50°C

I/O Box H/O	
Part Number	EKRIBDI1V3
Trade Unit Price	£94.00
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

I/O Box H/O	
Part Number	EKRMBEV1V3
Trade Unit Price	£162.00
Supply voltage	230 V / 50 hz
Dimensions (w x h x d)	199 x 156 x 34 mm
Weight	365 g
Ambient temperature	0 - 50°C

## DCS (Daikin Cloud Service) Residential

COMING  
SOON

The DCS (Daikin Cloud Service) Residential allows installers to access the Daikin Altherma system from the professional portal as well as E-care App from their smart phone and view error notifications and descriptions

By subscribing to this service, 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

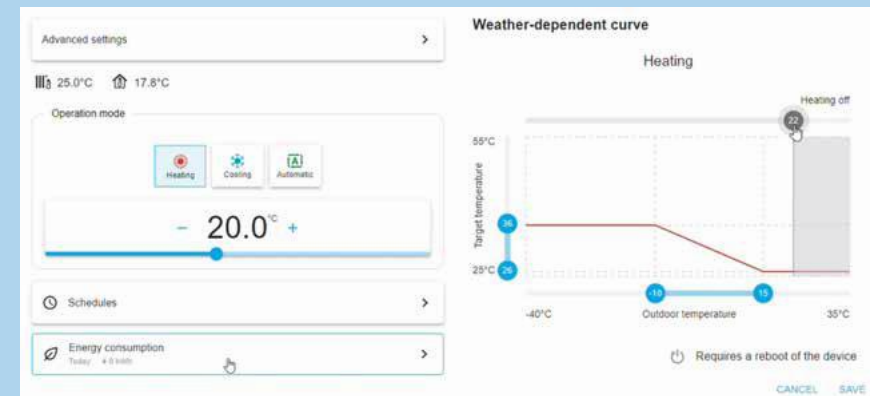
- **Save Time and Money:** Support customers remotely for the majority of their needs, without the need for an onsite visit.
- **First Time Fix:** DCS Residential provides advance knowledge of error codes and product condition data. This means you can visit the customer with the correct spare parts, 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
- The system is continually monitored for operational safety by highly skilled technicians
- Remote faults analysis provides a proactive approach to fixing any errors
- Emergency setting for continuous operations provides peace of mind

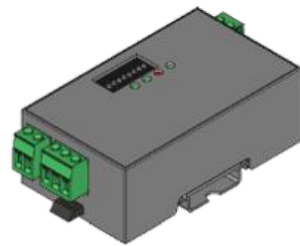
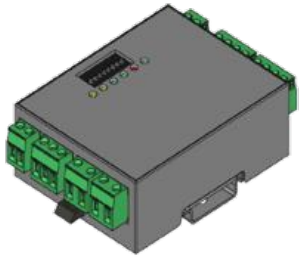
## Remote support

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.



- Main zone & additional zone (LWT = Leaving Water Temperature)
- Installer - error handling
- Domestic hot water
- Room (RT = Room Temperature)

## Gateways / cascade control



Compatibility and Function Table			Modbus Gateway	I/O Gateway
			DCOM-LT/MB	DCOM-LT/IO
Function	Modbus		✓	
	Sequencer mode			✓
	Voltage control			✓
	Resistance control			✓
	Smart grid			✓
	Output relays			✓
Compatibility	Daikin Altherma Hybrid Monobloc	EJHA-A	✓	✓
	Daikin Altherma R Hybrid	EVLQ-C	✓	✓
	Daikin Altherma 3 H HT Split	EPRA-D	✓	✓
	Daikin Altherma R-32 R Split	ERLA-D	✓	✓
	Daikin Altherma R Split	ERLQ-C	✓	✓
	Daikin Altherma Monobloc	ED(B)LA-E	✓	✓
	Daikin Altherma 3 Monobloc	ED(B)LA-D	✓	✓
	Daikin Altherma 3 R Split	ERGA-E		
Trade Price			£304.00	£311.00

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



# Heat Pump Convectors & UFH

Heat Pump Convectors	62
<hr/>	
Underfloor Heating	66



## 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 EKFC80 and wall hung control with IAQ sensor EKWCTRL1A) 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				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				£478.00	£592.00	£675.00
Right Configuration				£478.00	£592.00	£675.00

For installation options and accessories please refer to page 64 & 65

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				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				£546.00	£606.00	£657.00
Left Configuration				£546.00	£606.00	£657.00
Right Configuration including IR remote				£536.00	£591.00	£650.00
Left Configuration including IR remote				£536.00	£591.00	£650.00

For installation options and accessories please refer to page 64 & 65

FWXM-ATV3(R)

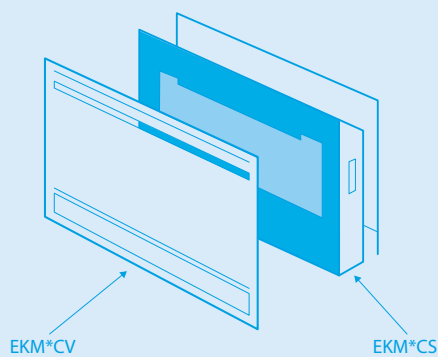
## Concealed HPC



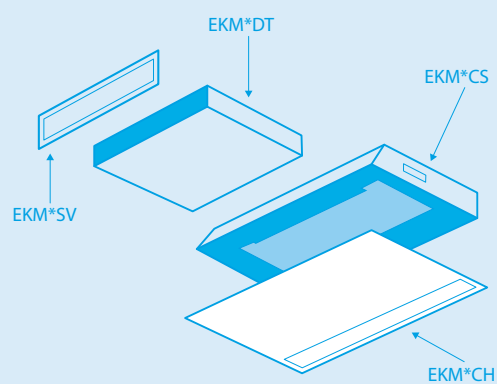
Left Configuration				FWXM10ATV3	FWXM15ATV3	FWXM20ATV3
Right Configuration				FWXM10ATV3R	FWXM15ATV3R	FWXM20ATV3R
Description				Concealed Models		
Function				Heating and Cooling*		
Heating capacity	at 45/40°C	Max.	kW	2.18	3.11	3.88
	at 35/30°C	Max.	kW	1.14	1.73	2.15
Cooling capacity	at 7/12°C	Max.	kW	1.77	2.89	3.20
	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				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			£322.00	£379.00	£434.00
	Right Configuration			£322.00	£379.00	£434.00

\* Pricing for core module only - refer to the accessory page 65 for full panel customisation

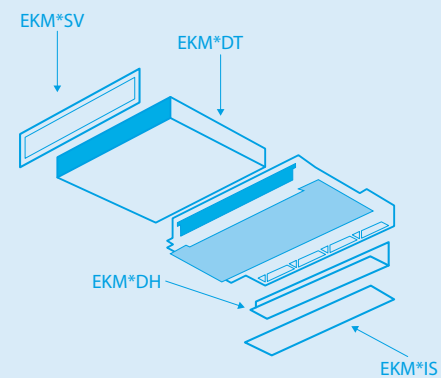
## Installation: Options



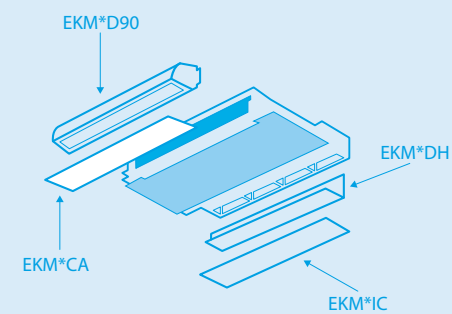
TYPE A  
Vertical, in wall.



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

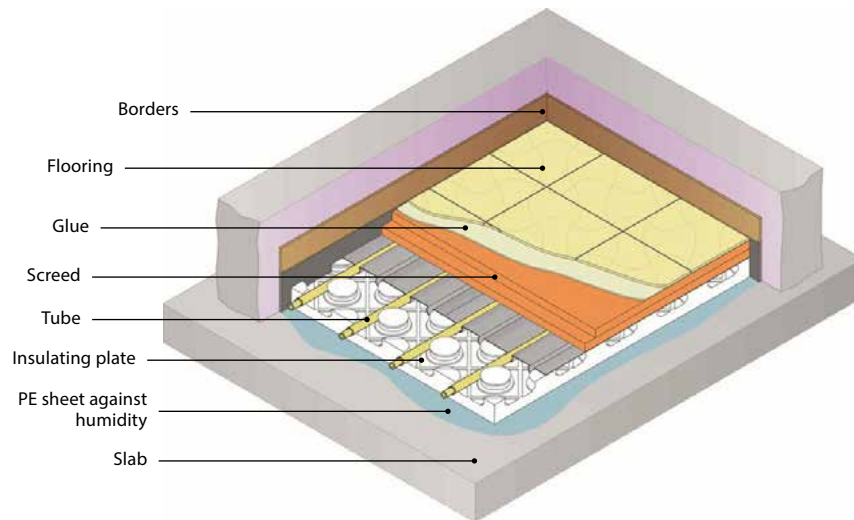
																													
			EKRTCTRL1	EKRTCTRL2	EKPCBO	EKWHCTRL1	EKWHCTRL1A	EKFCDB0	EKWHCTRL0	EKPCB45	EKPCB10	EKFA	EK2VK0	EK2VK0	EK3VK1	EK3VK1	EKEUR90	EKDIST	EKM10COH	EKM15COH	EKM20COH	EKM10CS	EKM15CS	EKM20CS	EKM10CH	EKM15CH	EKM20CH		
	Concealed	FWXM10ATV3(R)																											
		FWXM15ATV3(R)																											
		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			£140.00	£108.00	£64.00	£82.00	£123.00	£58.00	£108.00	£46.00	£46.00	£64.00	£108.00	£98.00	£133.00	£124.00	£13.00	£13.00	£37.00	£42.00	£56.00	£80.00	£92.00	£98.00	£176.00	£202.00	£217.00		

																									
		EKM10CV	EKM15CV	EKM20CV	EKM10DH	EKM15DH	EKM20DH	EKM10D90	EKM15D90	EKM20D90	EKM10DT	EKM15DT	EKM20DT	EKM10IS	EKM15IS	EKM20IS	EKM10SV	EKM15SV	EKM20SV	EKM10IC	EKM15IC	EKM20IC	EKM10CA	EKM15CA	EKM20CA
	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		£176.00	£202.00	£217.00	£35.00	£37.00	£44.00	£35.00	£42.00	£44.00	£79.00	£92.00	£108.00	£92.00	£108.00	£124.00	£108.00	£134.00	£160.00	£75.00	£80.00	£92.00	£66.00	£75.00	£80.00

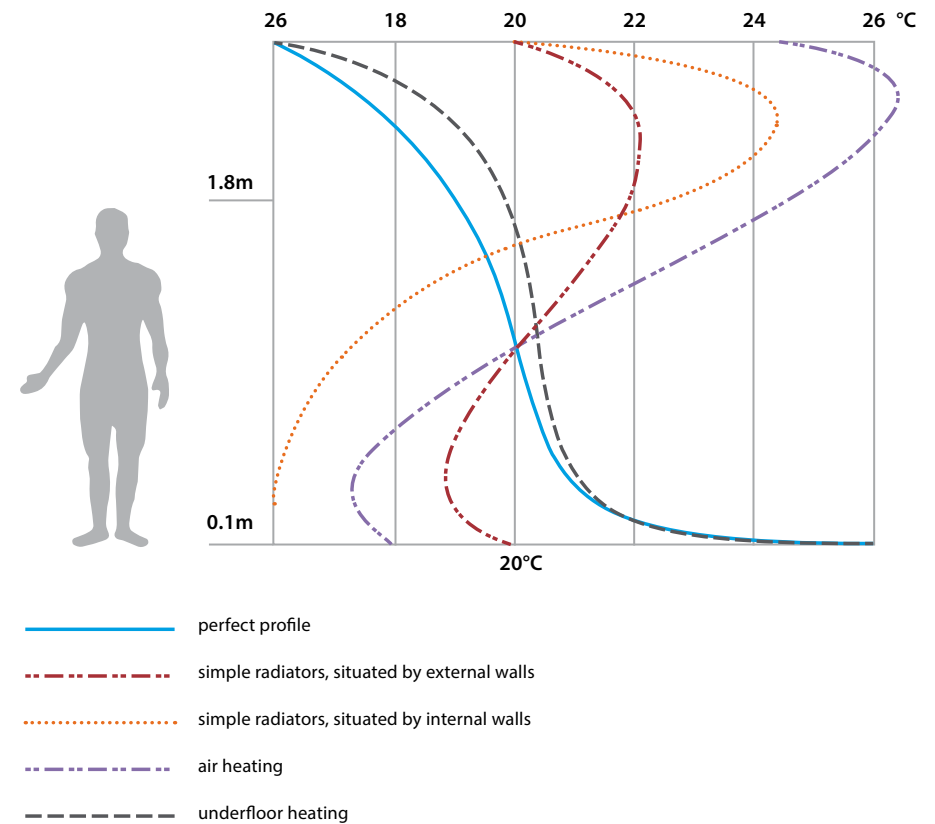


# Underfloor Heating

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.



**For information** on Daikin's underfloor heating design process, go to page 69

# 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
	<b>Monopex 14 PE-X 14 x 2 OD</b> For Monopex underfloor heating system	120m	EMOPX14120A	<b>£73.00</b>
		240m	EMOPX14240A	<b>£146.00</b>
	<b>Monopex 17 PE-X 17 x 2 OD</b> For Monopex underfloor heating system	120m	EMOPX17120A	<b>£167.00</b>
		240m	EMOPX17240A	<b>£334.00</b>

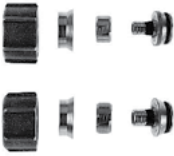

## Underfloor Heating System

## 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	£118.00
	Manifold RMX 3-port	1	ECOLLECTRMX3A	£138.00
	Manifold RMX 4-port	1	ECOLLECTRMX4A	£167.00
	Manifold RMX 5-port	1	ECOLLECTRMX5A	£188.00
	Manifold RMX 6-port	1	ECOLLECTRMX6A	£216.00
	Manifold RMX 7-port	1	ECOLLECTRMX7A	£238.00
	Manifold RMX 8-port	1	ECOLLECTRMX8A	£260.00
	Manifold RMX 9-port	1	ECOLLECTRMX9A	£286.00
	Manifold RMX 10-port	1	ECOLLECTRMX10A	£316.00
	Manifold RMX 11-port	1	ECOLLECTRMX11A	£356.00
	Manifold RMX 12-port	1	ECOLLECTRMX12A	£386.00
	<b>RMX actuator (230V)</b> Actuator for RMX manifold and kombi box	1	EKWCVATR1V3	£14.00
	<b>Extension Set for Manifold</b> One-zone extension	1	EXTENSIONZONEA	£30.00




## 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	£28.00

## RMV manifold (stainless steel)

	Description	Quantity per pack	Part number	Trade Price
	Manifold RMV 2-port	1	ECOLLECTRMV2A	£150.00
	Manifold RMV 3-port	1	ECOLLECTRMV3A	£172.00
	Manifold RMV 4-port	1	ECOLLECTRMV4A	£210.00
	Manifold RMV 5-port	1	ECOLLECTRMV5A	£235.00
	Manifold RMV 6-port	1	ECOLLECTRMV6A	£271.00
	Manifold RMV 7-port	1	ECOLLECTRMV7A	£298.00
	Manifold RMV 8-port	1	ECOLLECTRMV8A	£325.00
	Manifold RMV 9-port	1	ECOLLECTRMV9A	£361.00
	Manifold RMV 10-port	1	ECOLLECTRMV10A	£396.00
	Manifold RMV 11-port	1	ECOLLECTRMV11A	£446.00
	Manifold RMV 12-port	1	ECOLLECTRMV12A	£483.00

## Underfloor Heating System 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	£156.00
	On-wall Manifold cabinet up to 10-port	1	EOWH10RX10R9A	£167.00
	ON-wall Manifold cabinet up to 14-port	1	EOWH14RX14R12A	£197.00

## Underfloor Heating (UFH) System Design Process

To prepare an accurate bill of materials and quotation for your underfloor heating project, we need to carry out a detailed UFH system design. This will take account of parameters including room heat losses, water flow temperature, floor construction, floor coverings and preferred manifold positions.





**If you require an UFH system design, please contact your sales representative or your local branch for assistance. To enable us to carry out the UFH design, you will need to submit:**


- Autocad drawings – floor plans and elevations
- Completed Daikin UFH design request form (available from your local branch)

Once you have placed an order for the UFH materials, we will send you the UFH system design for your approval prior to shipping the materials.

## Underfloor Heating System

## Insulating Strips and Installation Accessories

Description	Quantity per pack	Part number	Trade Price
 <p><b>Tacker gun</b> Tacker gun for 60mm pipe staples. The tacker gun can be used to secure pipe directly to floor insulation</p>	1	ESYSTACERSTACA	<b>£383.00</b>
 <p><b>Pipe staples</b> 60mm pipe staples for use with tacker gun (171134) and high density insulation with DPM</p>	300	ETACKERNAIL60A	<b>£30.00</b>
 <p><b>Edging strip</b> For cement or anhydrite screed. PE foam with welded foil, height 150mm, 8mm thick</p>	25m	ESIDESTRIPRDSA	<b>£15.00</b>
 <p><b>Pipe bend</b> This is recommended to facilitate the bend of the pipe up-to the manifold</p>	10	EPIPEBEND1418A For Ø 14-18mm	<b>£16.00</b>
		EPIPEBEND2022A For Ø 20-22mm	<b>£20.00</b>



Description	Quantity per pack	Part number	Trade Price
 <p><b>Protect Integral system for floor (Egg Crate floor panel)</b> For cement or anhydrite screed. PE foam with welded foil, height 150mm, 8mm thick</p>	1	EPROTECT11A 1pc = 14.56m <sup>2</sup>	<b>£116.00</b>



## Underfloor Heating System


### Underfloor Heating Room Controls - Basic Range

**Note:** Cannot be combined with advanced range (see page 72)

	Description	Quantity per pack	Part number	Trade Price
	<b>Wired Thermostat (digital)</b> Digital room thermostat with back-lit display (230V)	1	EKWCTRDI1V3	<b>£58.00</b>
	<b>Wired Thermostat (analog)</b> Analog room thermostat with dial (230V)	1	EKWCTRA1V3	<b>£34.00</b>

### Wiring Centre Basic Range


**Note:** Cannot be combined with advanced range (see page 72)

	Description	Quantity per pack	Part number	Trade Price
	<b>Basic range wiring centre</b> <ul style="list-style-type: none"><li>- Maximum 10 zones and 18 loop actuators</li><li>- Heating and cooling changeover input</li><li>- External setback input</li><li>- Pump/demand interlock relay</li><li>- Din rail or wall mountable</li></ul>	1	EKWUFHTA1V3	<b>£117.00</b>

## Underfloor Heating System

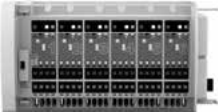

## Underfloor Heating Room Controls - Advanced Range



**Modern aesthetics, easy to install and greater user comfort****Note:** Cannot be combined with basic range (see page 71)

	Description	Quantity per pack	Part number	Trade Price
	<b>Room thermostat (wired)</b> <ul style="list-style-type: none"> <li>- Electronic room temperature control (5V)</li> <li>- Adjustment range 5-26°C</li> <li>- Display of heating and cooling mode (red and blue LED)</li> </ul>	1	EKW175139	<b>£28.00</b>

## Wiring Centres and Accessories - Advanced Range

**Modern aesthetics, easy to install and greater user comfort****Note:** Cannot be combined with basic range (see page 71)

	Description	Quantity per pack	Part number	Trade Price
	<b>Wiring centre</b> <ul style="list-style-type: none"> <li>- 6 channels</li> <li>- 4 actuators (230 V) per channel</li> <li>- Automatic heating/cooling switchover</li> <li>DIN rail field supplied</li> </ul>	1	EKW175140	<b>£176.00</b>
	<b>Wiring centre</b> <ul style="list-style-type: none"> <li>- 2 channels</li> <li>- 4 actuators (230 V) per channel</li> <li>- Automatic heating/cooling switchover</li> <li>DIN rail field supplied</li> </ul>	1	EKW175141	<b>£86.00</b>

	Description	Quantity per pack	Part number	Trade Price
	<b>Wiring centre power module</b> <ul style="list-style-type: none"> <li>To supply power to the wiring centres, including:</li> <li>- Pump input/output for heating and cooling</li> <li>DIN rail field supplied</li> </ul>	1	EKW175137	<b>£162.00</b>
	<b>Wiring centre clock module</b> <ul style="list-style-type: none"> <li>- Removable clock module</li> <li>- 2 setback timers for heating circuits</li> </ul> <p><b>Note:</b> To be combined with the wiring centre power module</p>	1	EKW175138	<b>£86.00</b>

# Ventilation

Residential Ventilation Solutions

74

## 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.



DucoBox Energy Comfort



DucoBox Energy Comfort Plus

## DUCO offers end-to-end solutions

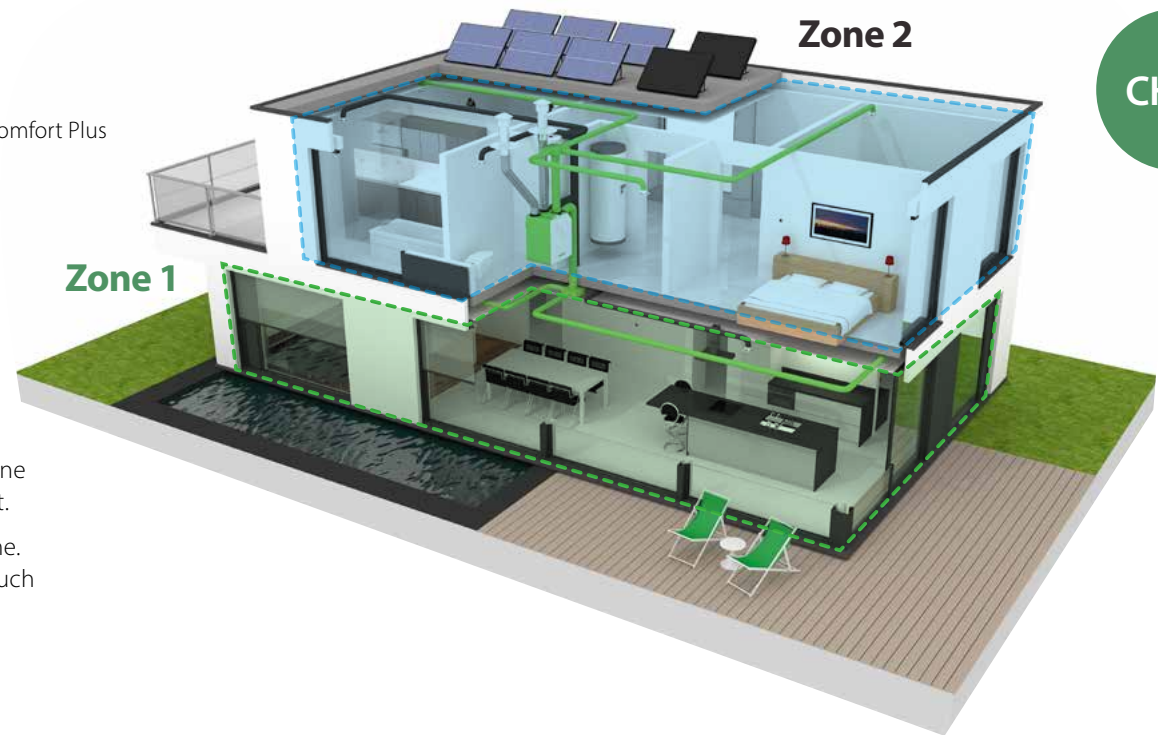
- High-quality solutions complying with the highest Daikin quality standards
- Two types to meet the requirements: DUCO Energy Comfort + DUCO Energy Comfort Plus
- One-stop-shop for end-to-end ventilation solution
- Smart demand control
- One of the quietest systems
- Automatic calibration
- Optimal indoor air quality due to two zone control

## Only at Daikin

As an option the DUCO Energy Comfort and Comfort Plus 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

## 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	£1,424.00
Comfort D400	400 m³/h	yes (external)	Imbalance* or external heater	00004757	£1,625.00

\* 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.

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<sub>2</sub> and humidity, ensure exceptional efficiency within this compact unit.



## 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 21 kg, 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<sub>2</sub> and/or humidity measurement



# DucoBox Energy Comfort Plus

## 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 m³/h	350 m³/h	yes (external)	Imbalance* or external heater	00004758	£1,947.00
Comfort Plus 450	450m³/h	450m³/h	yes (external)	Imbalance* or external heater	00004759	£2,179.00
Comfort Plus 550	550m³/h	550m³/h	yes (external)	Imbalance* or external heater	00004923	£2,523.00

\* 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	

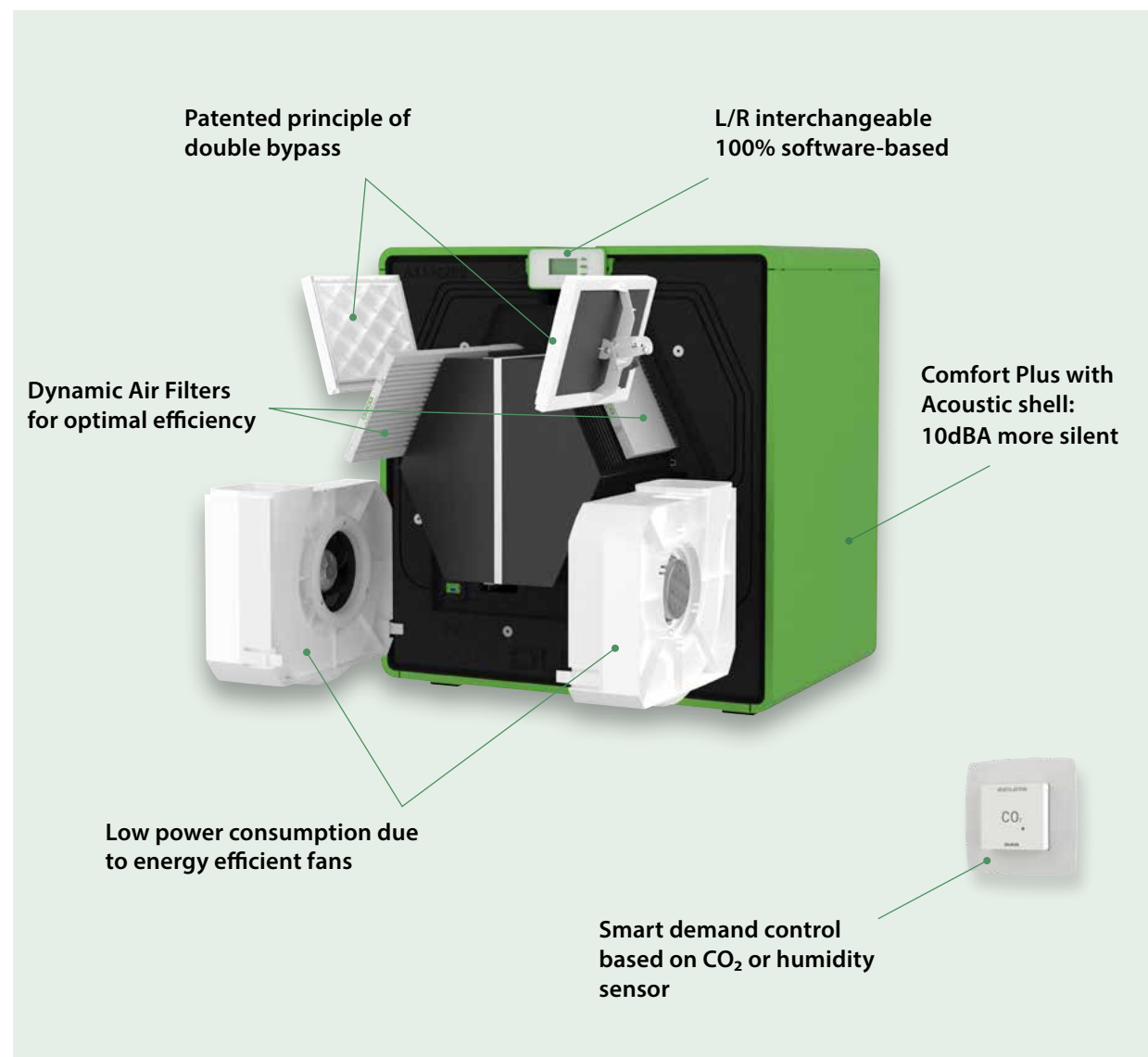
Electrical Characteristics		D350	D450	D550
Maximum electrical power		120 W (2 x 60 W)	200 W (2 x 100 W)	221 W (2 x 110W)
Power supply		230 V, 50 Hz via 3-core power cable with earthed plug		
Plugs		0-10 V in/outputs		
Motor type		DC		
Efficiency		At 350 m³/h: 84% At 307 m³/h: 85% At 225 m³/h: 86%	At 450 m³/h: 81% At 418 m³/h: 82% At 377 m³/h: 83%	At 550 m³/h: 78 % At 515 m³/h: 79 % At 471 m³/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 (voltage-free input), Ethernet, Micro SD card slot.

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.



# DUCO residential ventilation material list

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Trade Price	
Accessories	00004810	Communication print WIFI (PCB for communication via ModBus, PWM-IN/OUT, 3 x Switch Sensors, Ethernet, Micro SD)	✓	✓	£156.00	
	00004376	Flat siphon	✓	✓	£51.00	
	00004547	Filter set 2 x Coarse 65% (G4)	✓		£49.00	
	00004661	Filter set 1 x Coarse 65% (G4) & 1 ePM1 55% (F7)	✓		£59.00	
	00004741	Filter set 2 x Coarse 65 % (G4)		✓	£49.00	
	00004742	Filter set Coarse 65% (G4) & ePM1 70% (F7)		✓	£51.00	
	00004418	Coaxial cable set 8m	✓	✓	£27.00	
	00004825	Pre-Heater - 1425W	✓	✓	£185.00	
	00004761	Multizone Valve (Sensorless) Ø125	✓	✓	£112.00	
	00004760	Multizone Valve (Sensorless) Ø160	✓	✓	£112.00	
Controls	00004763	Power supply 230VAC-24VDC/20W + housing	✓	✓	£34.00	
	00004174	Switching contact RF / 230V	✓	✓	£101.00	
	00004723	Humidity Box Sensor	✓	✓	£105.00	
	00004600	User controller RF / Battery White	✓	✓	£62.00	
	00004602	User controller RF / Wired White	✓	✓	£127.00	
	00004604	CO <sub>2</sub> sensor + controller RF / Wired white	✓	✓	£248.00	
Vents	00004606	Humidity sensor + controller RF / Wired white	✓	✓	£152.00	
	00004637	CO <sub>2</sub> sensor without command RF / Wired white	✓	✓	£187.00	
	00004903	DucoVent Premium (supply / extract)	✓	✓	£67.00	
	00004179	DucoVent Design Square (extract)	✓	✓	£62.00	
	00004226	DucoVent Design Square XL (supply / extract)	✓	✓	£62.00	
	00004211	DucoVent Design Rounded Square (extract)	✓	✓	£62.00	
	00004227	DucoVent Design Rounded Square XL (supply / extract)	✓	✓	£62.00	













Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Trade Price	
Vents	00004210	DucoVent Design Round (supply / extract)	✓	✓	£62.00	
	00004769	DucoVent Comfort (supply / extract)	✓	✓	£28.00	
	00004178	DucoVent Basic (supply / extract)	✓	✓	£14.00	
DucoFlex	00004552	Circular air duct D63 - 50m	✓	✓	£120.00	
	00004674	Circular air duct D75 - 50m	✓	✓	£149.00	
	00004692	Circular air duct D90 - 50m	✓	✓	£177.00	
	00004567	Oval rigid W163 x H68 - 1.15m	✓	✓	£14.00	
	00004563	Floor plenum 12 x 63 - D180	✓	✓	£118.00	
	00004565	Floor plenum 12 x 63 - 2 oval	✓	✓	£118.00	
	00004564	Ceiling plenum 12 x 63 - D180	✓	✓	£118.00	
	00004687	Distribution box (floor / ceiling) 4 oval air ducts (F) D160	✓	✓	£49.00	
	00004701	Distribution box (floor / ceiling) 3 oval air ducts (F) + 1 oval air duct (M)	✓	✓	£49.00	
	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	✓	✓	£30.00	

More products available on request, please contact your local office or sales engineer.






More products available on request, please contact your local office or sales engineer.

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Trade Price	
DucoFlex	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	✓	✓	£24.00	
	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	
	00004554	Coupling D63	✓	✓	£5.00	
	00004677	Coupling D75	✓	✓	£8.00	
	00004678	Coupling D90	✓	✓	£8.00	
	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	

More products available on request, please contact your local office or sales engineer.

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Trade Price	
DucoFlex	00004599	Duct cutter D63	✓	✓	£49.00	
	00004688	Duct cutter D75	✓	✓	£51.00	
	00004689	Duct cutter D90	✓	✓	£56.00	
	00004569	Star Round Rigid Duct D160 - 1000mm - Insulated EPP	✓	✓	£25.00	
	00004570	Star Round Rigid Duct D180 - 1000mm - Insulated - EPS	✓	✓	£29.00	
	00004905	Star Round Rigid Duct D200 - 1000mm - Insulated - EPS	✓	✓	£39.00	
	00004571	Star Elbow 90° - D160 - Insulated - EPP	✓	✓	£17.00	
	00004572	Star Elbow 90° - D180 - Insulated - EPS	✓	✓	£22.00	
	00004906	Star Elbow 90° - D200 - Insulated - EPS	✓	✓	£25.00	
	00004573	Star Elbow 45° - D160 - Insulated - EPP	✓	✓	£14.00	
	00004574	Star Elbow 45° - D180 - Insulated - EPS	✓	✓	£20.00	
	00004907	Star Elbow 45° - D200 - Insulated - EPS	✓	✓	£24.00	
	00004575	Star Connection Piece D160 - Insulated - EPP	✓	✓	£3.00	
	00004576	Star Connection Piece D180 - insulated - EPS	✓	✓	£7.00	
	00004908	Star Connection Piece D200 - insulated - EPS	✓	✓	£8.00	
	00004627	Wall terminal white D160	✓	✓	£83.00	
	00004628	Wall terminal white D180	✓	✓	£98.00	
	00004913	Wall terminal white D200	✓	✓	£120.00	
	00004582	Roof terminal Compact D160 - Slate	✓	✓	£69.00	
	00004920	Roof terminal Compact 200 - Slate	✓	✓	£132.00	

More products available on request, please contact your local office or sales engineer.

Category	Reference	Description	Energy Comfort	Energy Comfort Plus	Trade Price	
DucoFlex	00004578	Roof terminal D160 / D180	✓	✓	£115.00	
	00004915	Roof terminal D200	✓	✓	£139.00	
	00004581	Roof terminal for flat roofs D160 / D180	✓	✓	£32.00	
	00004916	Roof terminal for flat roofs D210	✓	✓	£42.00	
	00004579	Roof terminal tile D160/180	✓	✓	£122.00	
	00004917	Roof terminal tile D210	✓	✓	£141.00	
	00004631	Silencer D160 (M/M) - 1000mm	✓	✓	£35.00	
	00004632	Silencer D180 (M/M) - 1000mm	✓	✓	£37.00	
	00004587	Silencer Semi Rigid D160 - 1000mm	✓	✓	£54.00	
	00004588	Silencer Semi Rigid D180 - 1000mm	✓	✓	£62.00	
	00004919	Silencer Semi Rigid D200 - 1000mm	✓	✓	£83.00	

More products available on request, please contact your local office or sales engineer.





# Indoor Air Quality

Introduction	81
Associated Products	83
Overview of all Air Purifiers	84
Air Purifiers MC55VB and MC30YB	85
Air Purifier with Humidification MCK55W	86
Designer Air Purifier MC80ZB, MCK70ZBFW, MCK70ZBFH	87
Air Quality Monitor	88

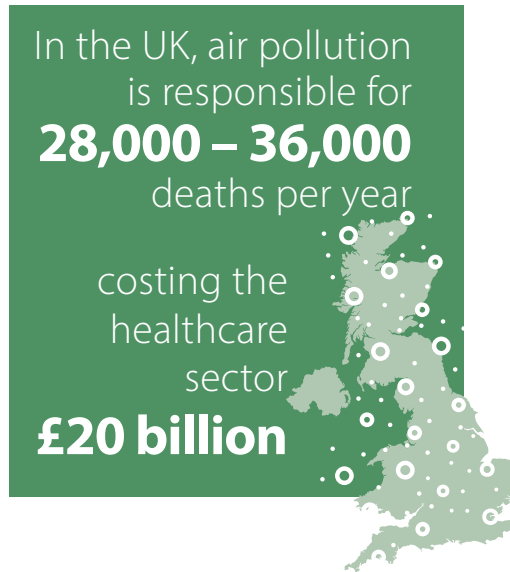


# Delivering good indoor air quality through whole building climate control

## 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.



## 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<sub>2</sub> and can spread colds and viruses.



## Why not just open a window?

In the past, if you wanted to increase the supply of fresh air, you'd simply open a window or door. However, this can allow the ingress of outdoor pollution and simply may not be feasible in cold weather. Additionally, windows in many modern buildings cannot be opened to maintain energy efficiency (and in taller flats for safety reasons). Even if they can be unlocked, opening windows or wedging open a door can have a detrimental effect on an HVAC system's ability to provide a comfortable indoor environment.

## 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<sub>2</sub>

## Residential ventilation

Required ventilation rates for homes are based on the number of bedrooms, from 19 l/s for a one-bedroom home to 43 l/s for a five-bedroom property. The minimum ventilation rate must not be less than 0.3 l/m<sup>2</sup> of the internal floor area (all storeys).

Part F of the Building Regulations Approved Document also gives rates for intermittent or continuous extract ventilation required in kitchens, utility rooms, bathrooms and WCs. Purge ventilation is also required in every habitable room, which can normally be achieved by opening windows and doors.



## 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.

### Daikin Air Purifiers

We offer a wide range of air purifiers with and without humidifiers, in all sorts of different sizes and applications. Whether you need a small air purifier for a single room or a larger one to cover a larger surface area, we have the perfect solution for you.



Functions / Model Name	MC80ZB	MC55VB	MC30YB	MCK70ZBF	MCK55W
Dimensions mm (HxWxD)	630 x 315 x 315	500 x 270 x 270	450 x 270 x 270	760 x 315 x 315	700 x 270 x 270
Applicable room area up to	124 m <sup>2</sup>	82 m <sup>2</sup>	46 m <sup>2</sup>	96 m <sup>2</sup>	82 m <sup>2</sup>
Weight	9.8 kg	6.8 kg	5.8 kg	12.5 kg	9.5 kg
Colour	White front panel, dark grey casing	White	White	White version Dark grey version	White
Air Flow Rate	480 m <sup>3</sup> /h	330 m <sup>3</sup> /h	180 m <sup>3</sup> /h	420 m <sup>3</sup> /h	330 m <sup>3</sup> /h
<b>Functions</b>					
Humidification				●	●
Electrostatic HEPA Filter	●	●	●	●	●
Deodorising filter	●	●	●	●	●
Auto mode	●	●		●	●

### DUCO Centralised Heat Recovery Ventilation (CHRV)

**The DucoBox Energy Comfort and Energy Comfort Plus provide the optimum indoor air quality by delivering fresh and filtered air at low noise.** Available in 325m<sup>3</sup>/hr, 350m<sup>3</sup>/hr, 400m<sup>3</sup>/hr and 450m<sup>3</sup>/hr, the CHRV system is provided with a complete range of accessories for ducting.

- Left/Right switch due to principle of double-by-pass (Comfort / Comfort Plus)
- Smart copy function of settings (Comfort / Comfort Plus)
- Automatic calibration (Comfort / Comfort Plus)
- 100% Summer By-pass (Comfort / Comfort Plus)
- Demand controlled due to RH, CO<sub>2</sub> sensors (Comfort / Comfort Plus)
- Optional 2 zone control (Comfort / Comfort Plus)
- BMS connectivity (Comfort / Comfort Plus)



DucoBox Energy Comfort



DucoBox Energy Comfort Plus



### Indoor unit standard filters

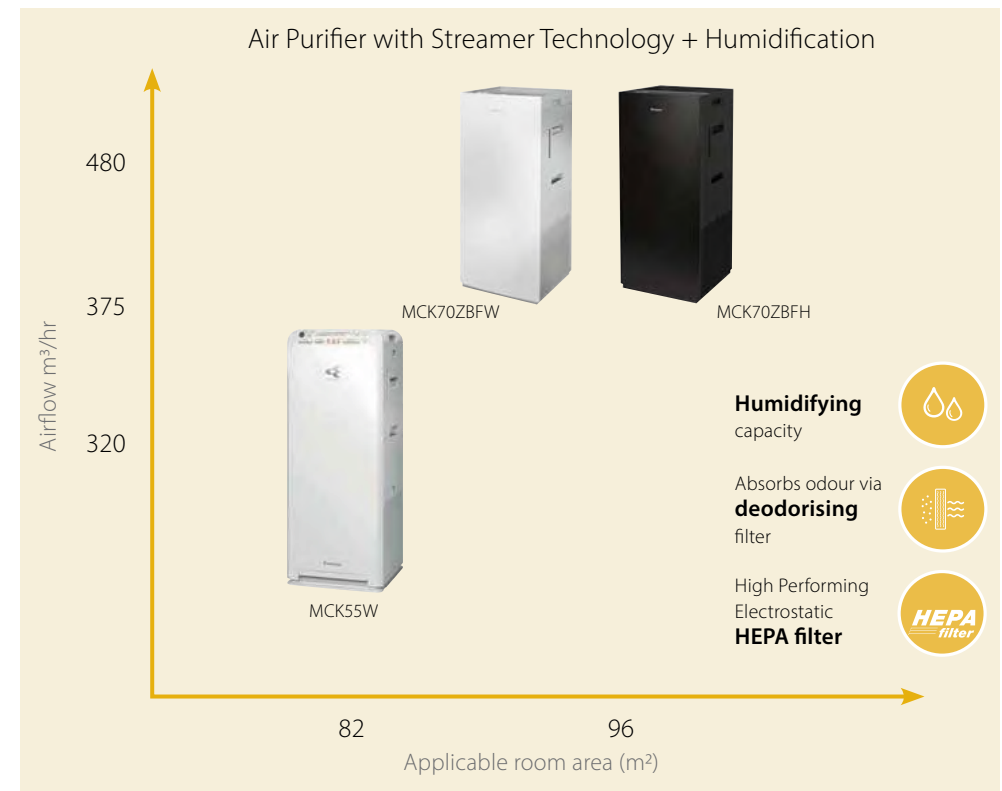
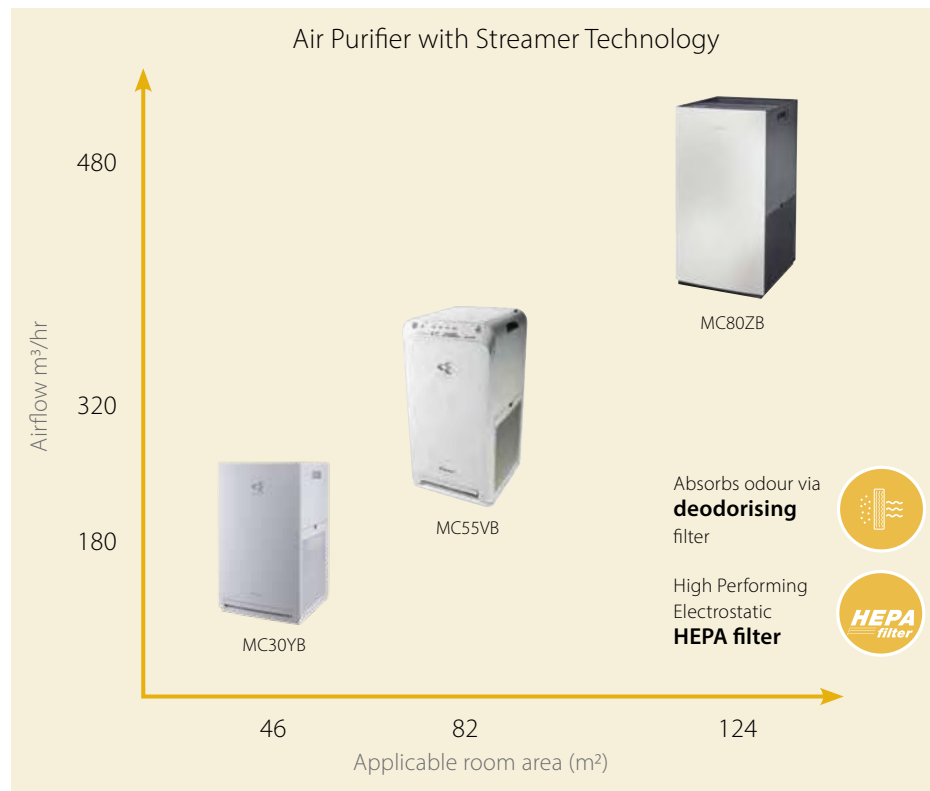
Daikin filters are built to the highest standard to deliver the required air quality within the indoor environment. The Biocidal Product Regulation (BPR528/2012) requires specific testing for the range of pollutants a filter is designed to prevent. Daikin filters utilise a range of technologies:

Filter technology	Approved description
<b>Flash streamer</b>	Using electrons to trigger chemical reactions with air borne particles, the flash streamer breaks down allergens such as pollen and fungal allergens and removes odours providing a better, cleaner air
<b>Titanium apatite deodorising filter</b>	Decomposes odours from sources such as tobacco and pets
<b>Silver allergen removal and air purifying filter</b>	Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
<b>Air Filter</b>	Removes airborne dust particles to ensure a steady stream of clean air
<b>Self cleaning filter</b>	The air filter removes airborne dust particles from the air while the integrated brush regularly and automatically cleans the filter to ensure a steady supply of clean air

The type of filter used in each indoor unit is given below:

Commercial filter name	Urura Sarara FTXZ-N	Emura FTXJ-A	Stylish FTXA-C CTXA-C	Perfera Wall FTXM-A	Perfera Floor FTXM-A9	Low inverter FTXP-N(9)
Flash streamer	●	●	●	●	●	
Titanium apatite deodorising filter	●	●	●	●	●	●
Silver allergen removal and air purifying filter		●	●			●
Air Filter	●	●	●	●	●	●
Self cleaning filter	●					

# Daikin Air Purifiers – Pure air because we care



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.



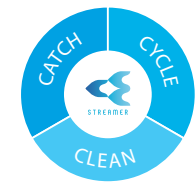
3

### Decomposition

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



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.



### Specifications:

Model		MC55VB				MC30YB		
Colour		White				White		
Mode		Air purifying operation				Air purifying operation		
Applicable room area [1]	m²	82				46		
Clean Air Delivery Rate (CADR)	m³/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	m³/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		£260.00				£175.00		

[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	<b>£133.00</b>	✓	
BAFP500A	Dust collection Filter (1 sheet), needed after about 10 years	<b>£82.00</b>		✓

### 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 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 Institut Pasteur de Lille.\* The Flash Streamer technology is not meant to be used for medical purposes.

\* Source: Institut Pasteur de Lille test report 2021. <sup>TM</sup> 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).

### 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	✓	

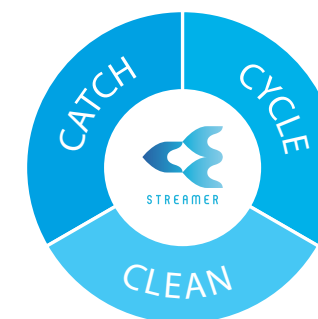
The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

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.



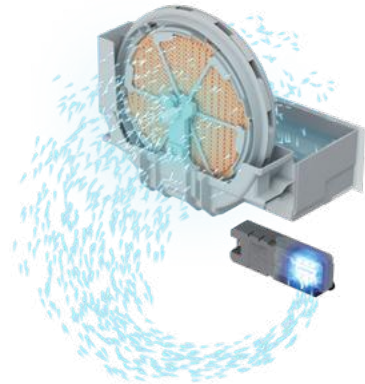
The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.





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.



#### Specifications:

Model			MCK55W			
Colour			White			
Mode			Air Purification			
Applicable room area		[1]m²	82			
Clean Air Delivery Rate (CADR)		m³/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	m³/hr	54	120	192	330
	Humidifying operation	m³/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			£421.00			

[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	£133.00
KNME080A4	Humidifying Filter (1 sheet), needed after about 10 years	£75.00

#### 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
- Powerful air suction
- Stylish new compact design
- Whisper quiet

#### 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 Institut Pasteur de Lille.\* The Flash Streamer technology is not meant to be used for medical purposes.

\* Source: Institut Pasteur de Lille test report 2021. <sup>TM</sup> 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).

#### 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.

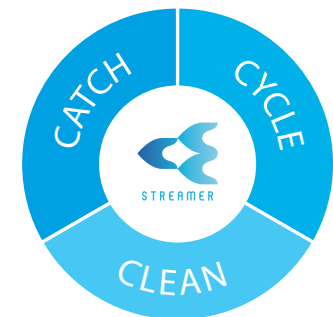
Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity.

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.



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



MC80ZB, MCK70ZBFW, MCK70ZBFH

## Designer Air Purifier with Streamer Technology and Humidification



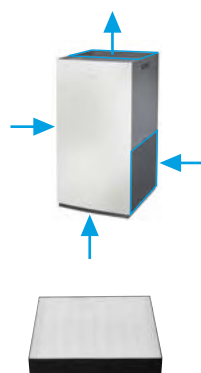
MC80ZB

MCK70ZBFW

MCK70ZBFH

### 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.



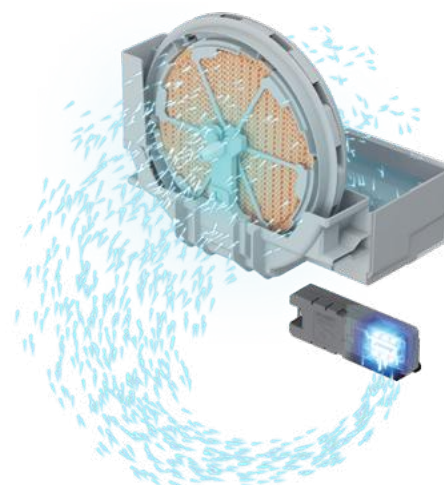
### Specifications:

Model			MC80ZB				MCK70ZBFW		MCK70ZBFH		
Colour			White Panel, Dark Grey Casing				White		Black		
Mode			Air Purification				Air Purification + Humidification				
Applicable room area [1]			m²		124		96				
Clean Air Delivery Rate (CADR)			m³/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	m³/hr	84	132	210	480	84	132	210	420
		Humidifying operation	m³/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	N/A				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			£442.00				£534.00		£534.00		

[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



### Functions:

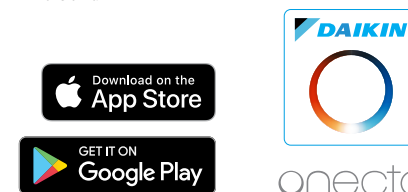
Dust (PM2.5/dust) and odour sensor lamps	✓
Streamer discharge	✓
Active plasma ion	✓
Electrostatic HEPA filters	✓
Streamer regenerated deodorizing filter	✓
Econo mode	✓
Auto fan mode	✓
Anti-pollen mode	✓
Turbo mode	✓
Childproof lock	✓
Brightness adjustment	✓
Auto restart after power failure	✓
Stabilizer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





UK Atmotube

# Mobile Air Quality Control Monitor

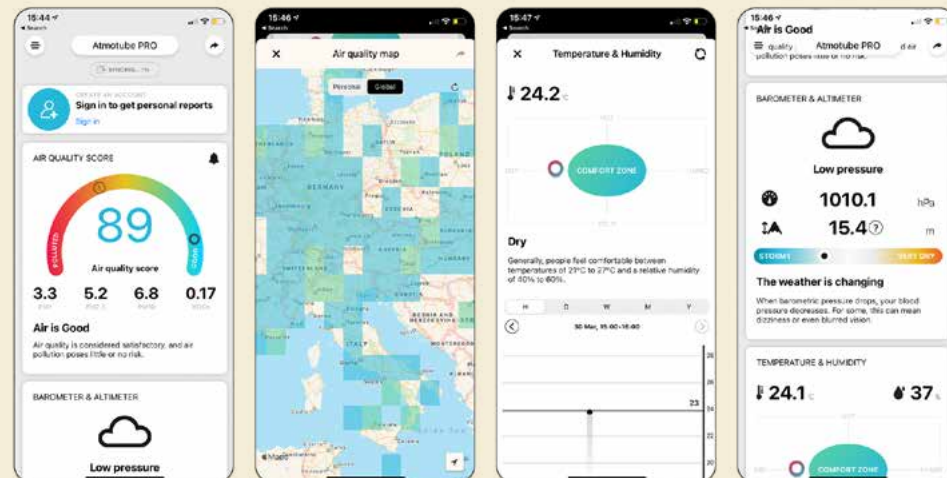


- **GOOD**
- **MODERATE**
- **POLLUTED**
- **VERY POLLUTED**
- **SEVERELY POLLUTED**

UK. ATMOTUBE	
Real-time detection	<ul style="list-style-type: none"> <li>• PM1/PM2.5/PM10 particles</li> <li>• Volatile Organic Compounds</li> <li>• Atmospheric pressure</li> <li>• Temperature and relative humidity</li> </ul>
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	<b>£260.00</b>

## 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



# Residential Splits

<b>Daikin Split Systems</b>	90
Wall Mounted	92
Multi Series Systems	99
Ducted Units	103
Easyzone	105
Floor Standing Cased	108
Concealed Floor Standing	109
Ceiling Suspended	110
Split System Controls	111
Aesthetic Customisation of Units	113

# 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.

## 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.



reddot design award  
winner 2013



White FTXA-CW



Silver FTXA-CS



Black FTXA-CB



GOOD  
DESIGN



reddot award 2018  
winner



White FTXJ-AW9



Silver FTXJ-AS9



Black FTXJ-AB9



GOOD  
DESIGN



reddot award 2022  
winner



FVXM-B



FDXM-F9

## 2. High heating capacity

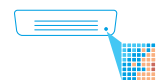
Daikin split systems such as Emura (FTXJ-A9/RXJ) and Perfera (FTXM-A/RXM) can provide heating down to -20°C.



Connecting one  
indoor unit to one  
outdoor unit

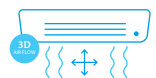
## 3. Full comfort offering heating and cooling

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 the airflow that requires 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

By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.



### 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.



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

**Nominal cooling**  
Ambient = 35°C  
Internal = 27°C

**Nominal heating**  
Ambient = 7°C  
Internal = 20°C

**UK cooling**  
Ambient = 30°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		● <sup>[1]</sup>	●	●		●	●				●							●	●			●	●																		
	UPDATE	FTXJ-AW/S/B9	●	●		●		●	●		●		●	●	●	●	●		●	●			●	●	●	●	5	●	● <sup>[2]</sup>			●	●	●	●	●	●	●				●	● <sup>*</sup>	●			●	●	●		●	●	●															
		C/FTXA-CW/S/B	●	●		●		●	●		●		●	●	●	●	●		●	●			●	●	●	●	5	●	● <sup>[2]</sup>			●	●	●	●	● <sup>[3]</sup>	●	●	●	●				●	● <sup>*</sup>	●			●	●	●		●	●	●													
		C/FTXM-A	●	●	●	●		●	●		●	●	●	●	●	●	●		●	●			●	●	●	●	5				●	●	●	●	● <sup>[3]</sup>	●	●	●	●				●	● <sup>*</sup>	●			●	●	●		●	●	●														
	UPDATE	FTXP-N(9)		●		●		●	●		●		●	●	●	●	●						●	●	●	●	5					●		●	●	●	●	●	●							●	●	●		●	●	● <sup>[4]</sup>																
	NEW	FTXF-F		●		●			●		●		●	●			●								●		3						●			●			●								●	●			●	●																
Concealed ceiling		FDXM-F9					●		●	● <sup>*</sup>																3					●			●			● <sup>*</sup>	●	●	●	●	● <sup>*</sup>	●	●			●	●	●		●	●	●															
Floor standing	UPDATE	C/FVXM-B		●		●		●	●			●	●		●	●		●	●	●	●		●		●	5						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●														

\* Available as option

\*\* The Flash Streamer technology is not meant to be used for medical purposes

<sup>[1]</sup> Cooling only class

<sup>[2]</sup> Cooling and heating

<sup>[3]</sup> Captures bacteria / viruses

<sup>[4]</sup> 20, 25, 35



FTXZ-N / RXZ-N

## Wall Mounted – Ururu Sarara



RXZ25-50N



ARC477A1

### Accessories:

Accessory Ref	Description	Trade Price
BRC073	Wired remote control - connection cable required	<b>£119.00</b>
BRCW901A03	3m extension cord required for wired remote controller BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote controller BRC073	<b>£30.00</b>
BRP069B42	Wi-Fi adapter for use with Daikin ONECTA App	<b>£90.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£453.00</b>
KLIC-DDV3	KNX interface for Split type systems	<b>£250.00</b>
KPMH950A4L	L-shaped cuffs for humidification hose (10 pieces)	<b>£51.00</b>
KPMH974B403	Humidification hose extension set (2m length)	<b>£69.00</b>
KPMH974B43	Hose for humidification (10m length)	<b>£203.00</b>
KPMJ942A4	Humidification hose extension joints (10 pieces)	<b>£51.00</b>
KPMJ983A4L	L-shaped joints for humidification hose (10 pieces)	<b>£159.00</b>
KRP413A1S	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£112.00</b>
KRP928A2S	Adaptor PCB for interface to Daikin centralised control systems	<b>£202.00</b>
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	<b>£232.00</b>

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	m³/min	10.7 / 5.3 / 4.0	12.1 / 5.6 / 4.0	15.0 / 6.6 / 4.6
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 / - / -
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	m³/min	31	34.4	40.4
Meets ETL criteria			●	●	●
Trade Fan Coil Price			£511.00	£600.00	£786.00
Trade Condensing Unit Price			£1,385.00	£1,605.00	£1,687.00
Total System Price			£1,896.00	£2,205.00	£2,473.00

### 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



onecta

WI-FI ADAPTOR  
AVAILABLE AS  
AN OPTION

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

## Wall Mounted – Emura



RXJ20-35A

### Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	£9.00
BRC073*	Wired remote control - connection cable required	£119.00
BRCW901A03	3m extension cord required for wired remote controller BRC073	£17.00
BRCW901A08	8m extension cord required for wired remote controller BRC073	£30.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£453.00
K.CGS	Condensing unit guard (750 x 1050 x 460)	£328.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£51.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£79.00
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£67.00
KLIC-DDV3*	KNX interface for Split type systems	£250.00
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	£112.00
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	£202.00
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	£232.00

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	m <sup>3</sup> /min	11.0 / 8.4 / 6.0 / 4.6	11.4 / 8.6 / 6.0 / 4.6	11.8 / 8.6 / 6.0 / 4.6	13.0 / 9.5 / 7.2 / 4.6	13.5 / 10.4 / 7.6 / 5.2
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	m <sup>3</sup> /min	34.0	34.0	36.0	46.6	46.6
Meets ETL criteria			●	●	●	●	●
Indoor Trade Price - White			£435.00	£457.00	£513.00	£580.00	£676.00
Indoor Trade Price - Silver			£518.00	£545.00	£611.00	£689.00	£805.00
Indoor Trade Price - Black			£477.00	£502.00	£563.00	£636.00	£744.00
Condensing Unit Trade Price			£789.00	£832.00	£965.00	£1,101.00	£1,301.00
Total System Price - White			£1,224.00	£1,289.00	£1,478.00	£1,681.00	£1,977.00
Total System Price - Silver			£1,307.00	£1,377.00	£1,576.00	£1,790.00	£2,106.00
Total System Price - Black			£1,266.00	£1,334.00	£1,528.00	£1,737.00	£2,045.00

### 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
- Night set mode
- Air purifying filters deliver superior purification and deodorisation of the air inside the room
- Flash Streamer technology helps improve indoor air quality
- Five fan speed can be selected; from high to super low
- RXJ20-35A9 can reduce the sound power by a further 6 dB(A)



onecta

WI-FI ADAPTOR

INCLUDED AS STANDARD



**R-32 BLUEEVOLUTION**

stylish

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

## Wall Mounted – Stylish



ARC466A58



STREAMER

Replacement  
Technology

RXA20-35A8

## Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	<b>£9.00</b>
BRC073*	Wired remote control - connection cable required	<b>£119.00</b>
BRCW901A03	3m extension cord required for wired remote controller BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote controller BRC073	<b>£30.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£453.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£328.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
KLIC-DDV3*	KNX interface for Split type systems	<b>£250.00</b>
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£112.00</b>
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	<b>£202.00</b>
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	<b>£232.00</b>

Indoor Units	White (RAL 9002) Black (RAL 9005) Silver (RAL 9006)	CTXA15CW CTXA15CB CTXA15CS	FTXA20CW FTXA20CB FTXA20CS	FTXA25CW FTXA25CB FTXA25CS	FTXA35CW FTXA35CB FTXA35CS	FTXA42CW FTXA42CB FTXA42CS	FTXA50CW FTXA50CB FTXA50CS
Capacity	UK Total Cooling kW UK Sensible Cooling kW Nominal Cooling kW Nominal Heating kW	Multi Combination Only	1.95 1.95 2.0 2.5	2.44 1.96 2.5 2.8	3.32 2.43 3.4 4.0	4.11 3.01 4.2 5.4	4.89 3.56 5.0 5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label Pdesign kW SEER Annual Energy Consumption kWh		A+++ 2.0 8.75 80	A+++ 2.5 8.74 101	A+++ 3.4 8.73 136	A++ 4.2 7.50 196	A++ 5.0 7.33 239
Seasonal Efficiency (EN14825) HEATING	Energy Label Pdesign kW SCOP Annual Energy Consumption kWh		A+++ 2.40 5.15 652	A+++ 2.45 5.15 666	A+++ 2.50 5.15 680	A++ 3.80 4.6 1150	A++ 4.00 4.6 1217
Air Flow Rate (Cooling)	High / Med / Low / Silent m <sup>3</sup> /min		11.0 / 8.2 / 6.1 / 4.6	11.0 / 8.2 / 6.1 / 4.6	11.5 / 8.6 / 6.1 / 4.6	11.9 / 8.6 / 6.1 / 4.6	13.5 / 10.4 / 7.6 / 5.2
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
Weight	kg		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
Sound Power (Cooling)	dBA		57	57	57	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 Maximum Input Current (MCA) Max Fuse Size		1ph 9.88 10	1ph 11.17 13	1ph 12.29 13	1ph 12.8 16	1ph 12.8 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 Maximum Vertical Rise Precharged to Additional charge Holding charge		20 15 10 20 0.76	20 15 10 20 0.76	20 15 10 20 0.76	30 20 10 20 1.1	30 20 10 20 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 m <sup>3</sup> /min		34.0	34.0	36.0	46.6	46.6
Meets ETL criteria			●	●	●	●	●

Indoor Trade Price - White	£365.00	£413.00	£436.00	£489.00	£552.00	£644.00
Indoor Trade Price - Black	£399.00	£454.00	£478.00	£537.00	£606.00	£707.00
Indoor Trade Price - Silver	£436.00	£493.00	£519.00	£582.00	£657.00	£768.00
Condensing Unit Trade Price	£752.00	£792.00	£919.00	£1,049.00	£1,237.00	
Total System Price - White	£1,165.00	£1,228.00	£1,408.00	£1,601.00	£1,881.00	
Total System Price - Black	£1,206.00	£1,270.00	£1,456.00	£1,655.00	£1,944.00	
Total System Price - Silver	£1,245.00	£1,311.00	£1,501.00	£1,706.00	£2,005.00	

## Notes &amp; 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



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WI-FI ADAPTOR

INCLUDED  
AS STANDARD

FTXM-A / RZAG-B

## Wall Mounted – Mini Sky Air

**SkyAir** *Alpha-series*



**50m**  
PIPE RUN



ARC466A86



RZAG35-60B

### Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	<b>£9.00</b>
BRC073*	Wired remote control - connection cable required	<b>£119.00</b>
BRCW901A03	3m extension cord required for wired remote controller BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote controller BRC073	<b>£30.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£453.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
KLIC-DDV3*	KNX interface for Split type systems	<b>£250.00</b>
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£112.00</b>
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	<b>£202.00</b>
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	<b>£232.00</b>

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	m³/min	13.2 / 9.4 / 7.1 / 4.6	12.7 / 10.4 / 7.8 / 5.9	15.6 / 13.4 / 11.2 / 8.6
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	m³/min	55.1	55.1	55.1

Meets ETL criteria	●	●	●
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<b>Indoor Unit Trade Price</b>	<b>£267.00</b>	<b>£414.00</b>	<b>£421.00</b>
<b>Condensing Unit Trade Price</b>	<b>£1,148.00</b>	<b>£1,401.00</b>	<b>£1,535.00</b>
<b>Total System Price</b>	<b>£1,415.00</b>	<b>£1,815.00</b>	<b>£1,956.00</b>

### 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
- Night set mode
- Air purification using Flash Streamer technology
- New static air filter treated with an active (Ionnure) substance to improve efficiencies.
- Presence sensor and two-area intelligent eye
- Five fan speeds can be selected; from high to super low
- Heat boost function to reach set point quicker during start-up



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**WI-FI ADAPTOR**  
INCLUDED AS STANDARD



FTXM-A / RXM-A

## Wall Mounted – Standard Inverter



ARC466A86



RXM20-50

### Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for S21 port for all marked (*) options	<b>£9.00</b>
BRC073*	Wired remote control - connection cable required	<b>£119.00</b>
BRCW901A03	3m extension cord required for wired remote controller BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote controller BRC073	<b>£30.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£453.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£328.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
KLIC-DDV3*	KNX interface for Split type systems	<b>£250.00</b>
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£112.00</b>
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	<b>£202.00</b>
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	<b>£232.00</b>

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	m³/min	11.9 / 8.9 / 6.3 / 4.9	11.9 / 8.9 / 6.3 / 4.9	13.2 / 9.4 / 7.1 / 4.6	13.3 / 9.8 / 7.2 / 5.0	12.7 / 10.4 / 7.8 / 5.9	15.6 / 13.4 / 11.2 / 8.6	15.8 / 13.6 / 11.4 / 9.3
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)		m³/min	38.5	38.5	39.1	40.1	58.0	46.6	49.0
Meets ETL criteria			●	●	●	●	●	●	●

<b>Indoor Unit Trade Price</b>	<b>£217.00</b>	<b>£234.00</b>	<b>£267.00</b>	<b>£300.00</b>	<b>£414.00</b>	<b>£421.00</b>	<b>£561.00</b>
<b>Condensing Unit Trade Price</b>	<b>£615.00</b>	<b>£668.00</b>	<b>£777.00</b>	<b>£876.00</b>	<b>£974.00</b>	<b>£1,037.00</b>	<b>£1,422.00</b>
<b>Total System Price</b>	<b>£832.00</b>	<b>£902.00</b>	<b>£1,044.00</b>	<b>£1,176.00</b>	<b>£1,388.00</b>	<b>£1,458.00</b>	<b>£1,983.00</b>

### 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
- Night set mode
- Air purification using Flash Streamer technology
- New static air filter treated with an active (Ionpure) substance to improve efficiencies.
- Presence sensor and 2-area intelligent eye
- 5 fan speeds can be selected; from high to super low
- Heat boost function to reach set point quicker during start-up
- RXM20-35A9 can reduce the sound power by a further 6 dB(A)



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WI-FI ADAPTOR

INCLUDED AS STANDARD

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

## Wall Mounted – Low Inverter



ARC480A78



RXP20-35N9

### Accessories:

Accessory Ref	Description	Trade Price
BRC073*	Wired remote control - connection cable required - needs KRP980A1 for class 20-50	<b>£119.00</b>
KRP980A1	PCB Interface adaptor required for BRC073 (only sizes 2.0kw, 2.5kw, 3.5kw & 5.0kW)	<b>£73.00</b>
BRCW901A03	3m extension cord required for wired remote controller BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote controller BRC073	<b>£30.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£328.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£453.00</b>
KLIC-DDV3*	KNX interface for Split type systems	<b>£250.00</b>
KRP413A15	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£112.00</b>
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	<b>£202.00</b>
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	<b>£232.00</b>

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	m³/min	9.6 / 7.5 / 5.6 / 4.4	9.9 / 7.5 / 5.8 / 4.4	11.5 / 8.3 / 6.3 / 4.5	16.3 / 14.0 / 11.5 / 8.3	16.8 / 14.4 / 11.8 / 9.2	16.8 / 14.4 / 11.8 / 10.1
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	m³/min	27.6	27.6	28.2	41.0	45.5	45.5
Meets ETL criteria			●	●	●	●		
Indoor Unit Trade Price			<b>£158.00</b>	<b>£177.00</b>	<b>£199.00</b>	<b>£323.00</b>	<b>£331.00</b>	<b>£440.00</b>
Condensing Unit Trade Price			<b>£472.00</b>	<b>£503.00</b>	<b>£584.00</b>	<b>£760.00</b>	<b>£810.00</b>	<b>£1,164.00</b>
Total System Price			<b>£630.00</b>	<b>£680.00</b>	<b>£783.00</b>	<b>£1,083.00</b>	<b>£1,141.00</b>	<b>£1,604.00</b>

### Notes & Features:

- Class 20-50 fan coils are supplied with IR remote controller ARC480A78; class 60&71 fan coils use IR remote controller ARC480A53
- Wifi adaptor included as standard
- 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
- Space saving contemporary wall mounted design
- Can be connected to MXM & MWXM multi split systems (sizes 20-35)



onecta

WI-FI ADAPTOR

INCLUDED AS STANDARD

**R-32 BLUEEVOLUTION**

sensira

FTXF-F / RXF-F/D9

## Wall Mounted – Residential



FTXF20-50F



ARC470A

Now comes  
with Wi-Fi as  
standard



RXF20-50F

### Accessories:

Accessory Ref	Description	Trade Price
BRC073	Optional wired remote controller BRC1E53A style - Connection cable required.	<b>£119.00</b>
KRP980A1	Interface adaptor for wired remote controller BRC073 - for class 20-50	<b>£73.00</b>
BRCW901A03	3m connection cable for BRC073	<b>£17.00</b>
BRCW901A08	8m connection cable for BRC073	<b>£30.00</b>
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU	<b>£51.00</b>
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	<b>£79.00</b>
K.CGS	Condensing unit guard size 20-42	<b>£328.00</b>
K.CGM	Condensing unit guard size 50-71	<b>£453.00</b>

NET price - only available on ProShop

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	m³/min	9.8 / 8.0 / 6.0 / 4.3	10.0 / 8.0 / 6.2 / 4.3	11.5 / 8.0 / 6.4 / 4.4	12.6 / 9.0 / 6.9 / 4.9	16.8 / 14.4 / 11.9 / 10.5	17.3 / 14.8 / 12.2 / 10.7	17.3 / 14.8 / 12.2 / 10.7
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	m³/min	27.6	29.0	29.0	28.5	40.1	47.8	47.8
Trade Fan Coil Price			<b>£93.00</b>	<b>£99.00</b>	<b>£116.00</b>	<b>£138.00</b>	<b>£169.00</b>	<b>£199.00</b>	<b>£253.00</b>
Trade Condensing Unit Price			<b>£277.00</b>	<b>£297.00</b>	<b>£344.00</b>	<b>£391.00</b>	<b>£431.00</b>	<b>£508.00</b>	<b>£646.00</b>
Total System Price			<b>£370.00</b>	<b>£396.00</b>	<b>£460.00</b>	<b>£529.00</b>	<b>£600.00</b>	<b>£707.00</b>	<b>£899.00</b>

### 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



onecta

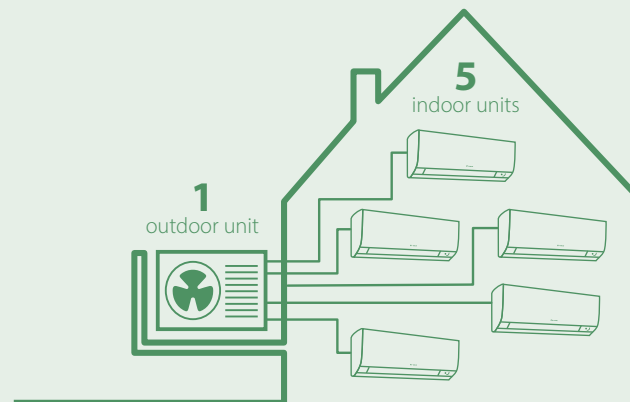
WI-FI ADAPTOR

INCLUDED AS STANDARD



# 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

## 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 3MXM52A(9)

## 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

The multi split outdoor unit is compact and can be installed on the floor or against the wall. The sound pressure is as low as 46dB(A) depending on the model. 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/B), 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.





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; 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

- **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 EKHUHWG3D

Accessory Ref	Description	Trade Price
CKUHW18G3	G3 Kit for 120ltr DHW Tank	<b>£199.00</b>
EKUHWG3D	G3 Kit for 230ltr DHW Tank	<b>£199.00</b>
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	<b>£67.00</b>
K.DT2	Condensate drip tray for use with K.CWB140-2	<b>£87.00</b>
K.FF6005	Two flexi-feet (Standard) to mount the outdoor unit	<b>£67.00</b>
K.CGM	Condensing unit quad size (1150 x 1150 x 650)	<b>£453.00</b>

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	8	10
	Heat Loss	kWh/24h	1.3	1.8
	Energy efficiency class		A	A+
	Material		Aluminium	-
Heat Exchanger	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)	3/8 (9.5) / 1/4 (6.4)	3/8 (9.5) / 1/2 (12.7)

Condensing Unit Trade Price			£1,600.00	£2,095.00	
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*	-	-
		Max Fuse Size	A	20*	-
Refrigerant Circuit	Refrigerant Type		R-32	R32	R32
	Refrigerant Charge	kg	2.20	2.00	2.40
Sound Pressure (Cooling)	Nominal	dB(A)	46	48	52
Sound Power (Cooling)	Nominal	dB(A)	63	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)
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 / 24	-15 / 24
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			£1,849.00	£2,742.00	£3,292.00

\*Only for wall mounted indoor units and floor units (FVXM-A9), otherwise MCA is 16.27A with MFA 20A

[illegible]

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.

**MXM-A9**

# 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.


**Accessories:**

Accessory Ref	Description	Trade Price
K.CWB140-2	Wall bracket (140kg, 540mm support arm)	<b>£67.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.DT2	Condensate drip tray for use with K.CWB140-2	<b>£87.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
K.CGM	Condensing unit guard size (1150 x 1150 x 650)	<b>£453.00</b>
K.CGL	Condensing unit guard size (1450 x 1150 x 650)	<b>£541.00</b>

**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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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**Wi-Fi built-in**
**Wi-Fi adapter available as an option**
**Notes:**

> 2MXM40-50A9 and 3MXM40-52A9 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	2MXM50A9	2MXM68A9	3MXM40A9	3MXM52A9	3MXM68A9	4MXM68A9	4MXM80A9	5MXM90A9
Capacity	Nominal Cooling	kW	4.0	5.0	6.8	4.0	5.2	6.8	6.8	9.0
	Nominal Heating	kW	4.2	5.6	8.6	4.6	6.8	8.6	8.6	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
Weight		kg	36	41	60	57	57	62	63	68
Electrical Details	Power Supply	Phase	1ph	1ph	1ph	1ph	1ph	1ph	1ph	1ph
		Hz	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
	Maximum Input Current (MCA)	A	9.8	12.94	16.94	14.31	14.59	17.19	17.36	21.70
	Max Fuse Size	A	16	16	20	16	20	20	25	32
Refrigerant Circuit	Refrigerant Type		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	2.40	2.40
Sound Pressure (Cooling)	Nom	dBA	46	48	48	46	46	48	48	52
Sound Power (Cooling)		dBA	60	60	61	59	59	61	61	64
Piping Limits	Max. Length (OU- IU)	m	20	20	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
	Max. Level Difference (IU- OU)	m	15	15	15	15	15	15	15	15
	Total piping length (Actual)	m	30	30	50	50	50	50	60	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)	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)	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)	2x 5/8 (15.9)
										2x 5/8 (15.9)
Operating range (Cooling) Min / Max		°CDB	-10 / 46	-10 / 46	-10 / 46	-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	-15 / 18	-15 / 18	-15 / 18
Number of Connected Indoor Units			2	2	2	3	3	3	4	5
Air Flow Rate (Cooling)	Nom	m³/min	33.0	34.0	42.5	42.0	42.0	42.5	42.5	49.0
Condensing Unit Trade Price			<b>£1,520.00</b>	<b>£1,682.00</b>	<b>£2,017.00</b>	<b>£1,585.00</b>	<b>£1,761.00</b>	<b>£2,494.00</b>	<b>£2,688.00</b>	<b>£3,027.00</b>
										<b>£3,259.00</b>

**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	£435.00	£457.00	£513.00	£580.00	£676.00	£477.00	£502.00	£563.00	£636.00	£744.00

Emura Wall Mounted Fan Coil Units	FTXJ20AS9	FTXJ25AS9	FTXJ35AS9	FTXJ42AS9	FTXJ50AS9
Trade Fan Coil Unit Price	£518.00	£545.00	£611.00	£689.00	£805.00

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	£365.00	£413.00	£436.00	£489.00	£552.00	£644.00	£399.00	£454.00	£478.00	£537.00	£606.00	£707.00

Stylish Wall Mounted Fan Coil Units	CTXA 15CS	FTXA 20CS	FTXA 25CS	FTXA 35CS	FTXA 42CS	FTXA 50CS
Trade Fan Coil Unit Price	£436.00	£493.00	£519.00	£582.00	£657.00	£768.00

Wall Mounted Perfera Wall Fan Coil Units	CTXM15A	FTXM20A	FTXM25A	FTXM35A	FTXM42A	FTXM50A	FTXM60A	FTXM71A
Trade Fan Coil Unit Price	£210.00	£217.00	£234.00	£267.00	£300.00	£414.00	£421.00	£561.00

Wall Mounted Comfora Fan Coil Units	FTXP20N9	FTXP25N9	FTXP35N9
Trade Fan Coil Unit Price	£158.00	£177.00	£199.00

Perfera Floor Standing Units	CVXM20B*	FVXM25B	FVXM35B	FVXM50B
Trade Fan Coil Unit Price	£764.00	£821.00	£886.00	£968.00

Compact Roundflow Cassette Fan Coil Units	FCAG35B	FCAG50B	FCAG60B
Trade Fan Coil Unit Price	£1,052.00	£1,073.00	£1,139.00

600 x 600 Fully Flat Cassette Fan Coil Units	FFA25A9	FFA35A9	FFA50A9	FFA60A9
Trade Fan Coil Unit Price	£982.00	£1,071.00	£1,178.00	£1,243.00

Ceiling Suspended Fan Coil Units	FHA35A9	FHA50A9	FHA60A9
Trade Fan Coil Unit Price	£1,021.00	£1,107.00	£1,214.00

Concealed Ceiling Fan Coil Units	FBA35A9	FBA50A9	FBA60A9
Trade Fan Coil Unit Price	£793.00	£835.00	£921.00

Slim Concealed Ceiling Fan Coil Units	FDXM25F9	FDXM35F9	FDXM50F9	FDXM60F9
Trade Fan Coil Unit Price	£611.00	£681.00	£737.00	£808.00

Concealed Floor Standing Units	FNA25A9	FNA35A9	FNA50A9	FNA60A9
Trade Fan Coil Unit Price	£629.00	£775.00	£902.00	£990.00

#### Notes:

- Accessories for fan coils - refer to pair system pages
- All fan coil units standard with auto restart after power failure
- All fan coil units supplied as standard with remote controller
- FDXM-F9 fan coil units supplied as standard with air filter
- One wifi adaptor per fan coil for online control



FDXM-F9 / RXM-A

## Slim Ducted - Standard Inverter



### Accessories:

Accessory Ref	Description	Trade Price
BRC1H52W	Wired touch screen remote controller - White	<b>£123.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£130.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£134.00</b>
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£111.00</b>
BRC4C65	Wireless remote controller	<b>£234.00</b>
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	<b>£284.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£58.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£131.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£356.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£382.00</b>
EKMBPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£285.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£328.00</b>
K.CGM	Condensing unit guard (1150 x 1150 x 650)	<b>£453.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£136.00</b>
UK.RAC5	Return Air Plenum for FDXM25/35F9	<b>£109.00</b>
UK.RAC7	Return Air Plenum for FDXM50F9 and FDXM60F9	<b>£139.00</b>
UK.SAF5	Supply Air Plenum for FDXM25/35F9	<b>£97.00</b>
UK.SAF7	Supply Air Plenum for FDXM50F9 and FDXM60F9	<b>£122.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£140.00</b>

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	m³/min	8.7 / 8.0 / 7.3	8.7 / 8.0 / 7.3	15.8 / 14.6 / 13.3	16.0 / 14.8 / 13.5
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	m³/min	39.1	39.1	58.0	46.6

Indoor Unit Trade Price (Includes: BRC1H52W)	<b>£611.00</b>	<b>£681.00</b>	<b>£737.00</b>	<b>£808.00</b>
Condensing Unit Trade Price	<b>£668.00</b>	<b>£777.00</b>	<b>£974.00</b>	<b>£1,037.00</b>
Total System Price	<b>£1,279.00</b>	<b>£1,458.00</b>	<b>£1,711.00</b>	<b>£1,845.00</b>



RXM60A



Madoka BRC1H52W

### Notes & Features:

- All fan coils supplied as standard with air filter



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**R-32 BLUEEVOLUTION**

FBA-A9/ RXM-A

## Ducted – Standard Inverter



## Accessories:

Accessory Ref	Description	Trade Price
BRC1H52W	Wired touch screen remote controller - White	£123.00
BRC1H52S	Wired touch screen remote controller - Silver	£130.00
BRC1H52K	Wired touch screen remote controller - Black	£134.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£111.00
BRC4C65	Wireless remote controller	£234.00
K.RSS	Wireless room mounted temperature sensor and receiver	£136.00
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems	£284.00
KRCS01-4	Remote room mounted temperature sensor	£58.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£131.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£356.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£382.00
EKMBPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV	£285.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£453.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£51.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£79.00
K.FF6005	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£67.00
UK.RC2	Return chamber - FBA35-50 - 2X200mm Spg	£112.00
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg	£124.00
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg	£135.00
UK.SF2	Supply flange - FBA35-50 - 2x200 Spg	£103.00
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg	£112.00
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg	£119.00
RS-SE	Service and configuration tool for K.RSS	£140.00

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 <sup>3</sup> /min	15.0 / 12.5 / 10.5	15.0 / 12.5 / 10.5	18.0 / 15.0 / 12.5
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 <sup>3</sup> /min	39.1	58.0	46.6

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>£793.00</b>	<b>£835.00</b>	<b>£921.00</b>
<b>Condensing Unit Trade Price</b>	<b>£777.00</b>	<b>£974.00</b>	<b>£1,037.00</b>
<b>Total System Price</b>	<b>£1,570.00</b>	<b>£1,809.00</b>	<b>£1,958.00</b>



RXM60A



Madoka BRC1H52W

## Notes &amp; 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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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.

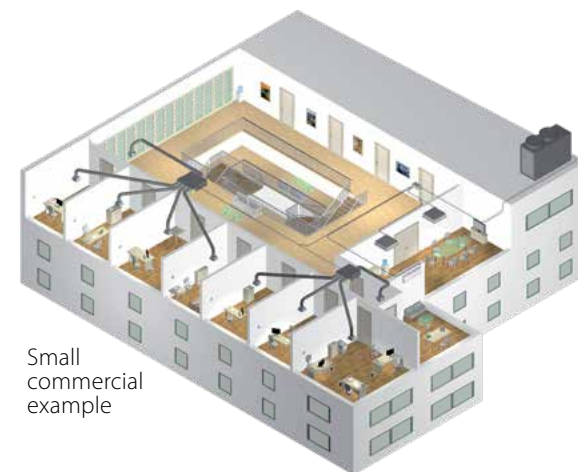
The system consists of an adaptor that fits onto the ducted fan coil, which has between two and eight round duct adaptors depending on how many rooms you want to supply. Each adaptor has its own motorised damper controlling the volume of conditioned air delivered to the space, enabling individual temperature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

## 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	£1,096.00
AZEZ6DAIST07XS3	Standard	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	£1,179.00
AZEZ6DAIST07S2	Standard	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,096.00
AZEZ6DAIST07S3	Standard	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,179.00
AZEZ6DAIST07S4	Standard	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,260.00
AZEZ6DAIST07M4	Standard	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,260.00
AZEZ6DAIST07M5	Standard	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,405.00
AZEZ6DAIST07M6	Standard	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,609.00
AZEZ6DAIST07L5	Standard	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,405.00
AZEZ6DAIST07L6	Standard	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,609.00
AZEZ6DAIST07L7	Standard	7	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,702.00
AZEZ6DAIST07L8	Standard	8	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,792.00
AZEZ6DAIST07XL7	Standard	7	200	FXSQ140A	£1,702.00
AZEZ6DAIST07XL8	Standard	8	200	FXSQ140A	£1,792.00
AZEZ6DAIBS07XS2	Medium	2	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	£1,096.00
AZEZ6DAIBS07XS3	Medium	3	200	FXSQ15A FXSQ20A FXSQ25A FXSQ32A	£1,179.00
AZEZ6DAIBS07S2	Medium	2	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,096.00
AZEZ6DAIBS07S3	Medium	3	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,179.00
AZEZ6DAIBS07S4	Medium	4	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,260.00
AZEZ6DAIBS07S5	Medium	5	200	FBA35A9 FBA50A9 FXSQ40A FXSQ50A	£1,405.00
AZEZ6DAIBS07M3	Medium	3	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,179.00
AZEZ6DAIBS07M4	Medium	4	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,260.00
AZEZ6DAIBS07M5	Medium	5	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,405.00
AZEZ6DAIBS07M6	Medium	6	200	FBA60A9 FBA71A9 FXSQ63A FXSQ80A	£1,609.00
AZEZ6DAIBS07L4	Medium	4	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,260.00
AZEZ6DAIBS07L5	Medium	5	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,405.00
AZEZ6DAIBS07L6	Medium	6	200	FBA100A FBA125A FBA140A FXSQ100A FXSQ125A	£1,609.00
AZEZ6DAIBS07XL5	Medium	5	200	FXSQ140A	£1,405.00
AZEZ6DAIBS07XL6	Medium	6	200	FXSQ140A	£1,609.00
AZEZ6DAISL01S2	Slim	2	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	£1,139.00
AZEZ6DAISL01S3	Slim	3	150	FDXM25F9 FDXM35F9 FXDQ15A3 FXDQ20A3 FXDQ25A3 FXDQ32A3	£1,225.00
AZEZ6DAISL01M4	Slim	4	150	FXDQ40A3 FXDQ50A3	£1,306.00
AZEZ6DAISL01L5	Slim	5	150	FDXM50F9 FDXM60F9 FXDQ63A3	£1,395.00



Small commercial example



**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
 <b>BRC1H52W</b>	Wired touch screen remote controller - White	<b>£123.00</b>
 <b>AZCE6BLUEZEROCB</b>	Main room thermostat (at least 1 required)	<b>£206.00</b>
 <b>AZCE6THINKRB</b>	Additional wireless touch screen room thermostat (Think)	<b>£235.00</b>
 <b>AZCE6LITERB</b>	Additional wireless touch screen room thermostat (Lite)	<b>£185.00</b>
 <b>AZCE6LITECB</b>	Additional wired touch screen room thermostat (Lite)	<b>£148.00</b>

### Zone controlling cabling

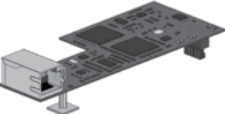
Model	Description	Trade Price
 <b>AZX6CABLEBUS15</b>	15m of interconnecting cable for Easyzone thermostats	<b>£14.00</b>
<b>AZX6CABLEBUS100</b>	100m of interconnecting cable for Easyzone thermostats	<b>£123.00</b>

### Webserver cloud control

Model	Description	Trade Price
 <b>AZX6WSC5GER</b>	PCB mounted Webserver cloud ( wireless)	<b>£276.00</b>
 <b>AZX6WSPHUB</b>	Free standing Webserver cloud (wired)	<b>£276.00</b>


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

### BACNet gateway

Model	Description	Trade Price
 <b>AZX6WSPBAC</b>	BACNET gateway	<b>£276.00</b>

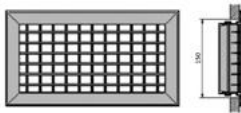

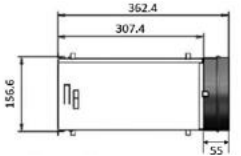
N.B. In addition to a AZX6BACNET per Easyzone unit, a DCM009A51 BACNet Client software is required per Intelligent Touch Manager  
This gateway cannot be combined with either Webserver cloud controller or the KNX gateway.

### KNX gateway

Model	Description	Trade Price
 <b>AZX6KNXGTWAY</b>	KNX gateway	<b>£276.00</b>

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

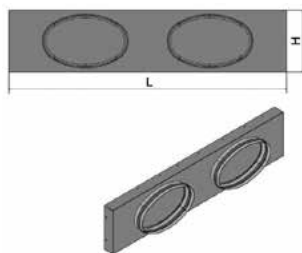
## Supply air diffusers and plenum

Model	Description	Trade Price
	<b>RDHV040015BKX</b> Air diffuser - wall	<b>£32.00</b>
	<b>RLQV040015BKX</b> Air diffuser - ceiling	<b>£48.00</b>
	<b>PREJ040015T</b> Plenum for wall & ceiling diffuser	<b>£108.00</b>

## 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.


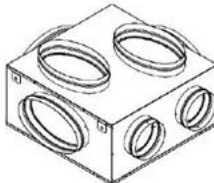
Each plenum is provided with a number of Ø250Emm\* spigots to ensure adequate airflow is available for correct unit operation.



Model	Description	Compatible FCU	Trade Price
<b>AZCEZDAPR07XS</b>	Standard unit return plenum – XS (1 spigot)	FXSQ15A, FXSQ20A, FXSQ25A, FXSQ32A	<b>£123.00</b>
<b>AZCEZDAPR07S</b>	Standard unit return plenum – S (1 spigot)	FBA35A, FBA50A, FXSQ40A, FXSQ50A	<b>£123.00</b>
<b>AZCEZDAPR07M</b>	Standard unit return plenum – M (2 spigots)	FBA60A, FBA71A, FXSQ63A, FXSQ80A	<b>£140.00</b>
<b>AZCEZDAPR07L</b>	Standard unit return plenum – L (4 spigots)	FBA100A, FBA125A, FBA140A, FXSQ100A, FXSQ125A	<b>£180.00</b>
<b>AZCEZDAPR07XL</b>	Standard unit return plenum - XL (4 spigots)	FXSQ140A	<b>£202.00</b>

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

## Return air diffuser c/w filter and plenum

Model	Description	Trade Price
	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)	<b>£180.00</b>
	<b>BR500</b> Air intake plenum for RRFR050050BTX	<b>£243.00</b>

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

**R-32** **BLUEEVOLUTION** *perfera*

FVXM-B / RXM-A

## Floor Standing Cased – Standard Inverter



Replacement  
Technology



ARC466A66

### Accessories:

Accessory Ref	Description	Trade Price
EKRS21	Wire harness for new S21 port for all marked (*) options	<b>£9.00</b>
BRC073*	Wired remote Control - Connection cable required	<b>£119.00</b>
BRCW901A03	3m extension cord required for wired remote control BRC073	<b>£17.00</b>
BRCW901A08	8m extension cord required for wired remote control BRC073	<b>£30.00</b>
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact	<b>£112.00</b>
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems	<b>£202.00</b>
KLIC-DDV3*	KNX interface for Split type systems	<b>£250.00</b>
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions	<b>£232.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>
K.CGS	Condensing unit guard (750 x 1050 x 460)	<b>£328.00</b>
K.CGM	Condensing unit Guard (1150 x 1150 x 650)	<b>£453.00</b>



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 R410A Mini VRV using BPMK boxes



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WI-FI ADAPTOR

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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/min	8.7 / 7.0 / 4.9 / 4.1	8.7 / 7.0 / 4.9 / 4.1	9.2 / 7.0 / 4.9 / 4.1	11.6 / 9.0 / 6.6 / 5.4
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	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/min	39.1	39.1	58.0
Meets ETL criteria			●	●	●
Indoor Unit Trade Price			<b>£821.00</b>	<b>£886.00</b>	<b>£968.00</b>
Condensing Unit Trade Price			<b>£668.00</b>	<b>£777.00</b>	<b>£974.00</b>
Total System Price			<b>£1,489.00</b>	<b>£1,663.00</b>	<b>£1,942.00</b>

**FNA-A9/ RXM-A**

# Concealed Floor Standing – Standard Inverter


**Accessories:**

Accessory Ref	Description	Trade Price
BRC1H52W	Wired touch screen remote controller - White	<b>£123.00</b>
BRC1H52S	Wired touch screen remote controller - Silver	<b>£130.00</b>
BRC1H52K	Wired touch screen remote controller - Black	<b>£134.00</b>
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	<b>£111.00</b>
BRC4C65	Wireless remote controller	<b>£234.00</b>
K.RSS	Wireless room mounted temperature sensor and receiver	<b>£136.00</b>
KLIC-DL_V2	KNX Interface for Sky Air and VRV systems	<b>£284.00</b>
KRCS01-4	Remote room mounted temperature sensor	<b>£58.00</b>
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	<b>£131.00</b>
RS-SE	Service and configuration tool for K.RSS	<b>£140.00</b>
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	<b>£356.00</b>
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	<b>£382.00</b>
EKMBPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV	<b>£285.00</b>
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)	<b>£453.00</b>
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	<b>£51.00</b>
K.DT1	Condensate drip tray for use with K.CWB90-2	<b>£79.00</b>
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	<b>£67.00</b>

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	m³/min	8.7 / 8.0 / 7.3	8.7 / 8.0 / 7.3	16.0 / 14.8 / 13.5	16.0 / 14.8 / 13.5
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	m³/min	39.1	39.1	58.0	46.6

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>£629.00</b>	<b>£775.00</b>	<b>£902.00</b>	<b>£990.00</b>
<b>Condensing Unit Trade Price</b>	<b>£668.00</b>	<b>£777.00</b>	<b>£974.00</b>	<b>£1,037.00</b>
<b>Total System Price</b>	<b>£1,297.00</b>	<b>£1,552.00</b>	<b>£1,876.00</b>	<b>£2,027.00</b>



RXM60A



MadoKa BRC1H52W

**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



**R-32 BLUEEVOLUTION**

FHA-A9 / RXM-A

# Ceiling Suspended – Standard Inverter



## Accessories:

Accessory Ref	Description	Trade Price
BRC1H52W	Wired touch screen remote controller - White	£123.00
BRC1H52S	Wired touch screen remote controller - Silver	£130.00
BRC1H52K	Wired touch screen remote controller - Black	£134.00
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App	£111.00
BRC7GA53-9	Wireless remote controller	£234.00
EKRORO4	Remote on/off control interface kit	£39.00
K.RSS	Wireless room mounted temperature sensor and receiver	£136.00
KLIC-DL_V2	KNX Interface for Sky Air and VRV systems	£284.00
KRCS01-4	Remote room mounted temperature sensor	£58.00
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting	£131.00
RS-SE	Service and configuration tool for K.RSS	£140.00
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£356.00
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV	£382.00
EKMBPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV	£285.00
K.CGM	Condensing unit guard (1150 x 1150 x 650)	£453.00
K.CWB90-2	Wall bracket (90kg, 500mm support arm)	£51.00
K.DT1	Condensate drip tray for use with K.CWB90-2	£79.00
K.FF6005	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit	£67.00
KAF501B56	Long life filter for 35 class & 50 class	£85.00
KAF501B80	Long life filter for 60 class	£145.00

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	m³/min	14.0 / 11.5 / 10.0	15.0 / 12.0 / 10.0	19.5 / 15.0 / 11.5
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	m³/min	39.1	58.0	46.6

<b>Indoor Unit Trade Price (Includes: BRC1H52W)</b>	<b>£1,021.00</b>	<b>£1,107.00</b>	<b>£1,214.00</b>
<b>Condensing Unit Trade Price</b>	<b>£777.00</b>	<b>£974.00</b>	<b>£1,037.00</b>
<b>Total System Price</b>	<b>£1,798.00</b>	<b>£2,081.00</b>	<b>£2,251.00</b>



RXM60A



Madoka BRC1H52W

## Notes & Features:

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








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)	Wireless Remote Controller (Heat Pump)	Supplied with Unit
	Emura (FTXJ-AW/S/B9)	Wireless Remote Controller (Heat Pump)	Supplied with Unit
	Stylish (C/FTXA-CW/S/B)	Wireless Remote Controller (Heat Pump)	Supplied with Unit
	Perfera - Wall (FTXM-A)	Wireless Remote Controller (Heat Pump)	Supplied with Unit
	Comfora (FTXP-N9)	Wireless Remote Controller (Heat Pump)	Supplied with Unit
Concealed Ceiling	Slim Duct (FDXM-F9)	Wireless Remote Controller (Heat Pump)	£234.00
	Ducted (FBA-A9)	Wireless Remote Controller (Heat Pump)	£234.00
Ceiling	Round flow (FCAG-B)	Wireless Remote Controller (Heat Pump) White Panels *NOT compatible with self cleaning panel	£234.00
		Wireless Remote Controller (Heat Pump) White designer panel	£157.00
		Wireless Remote Controller (Heat Pump) Black Panels *NOT compatible with self cleaning panel	£234.00
		Wireless Remote Controller (Heat Pump) White designer panel	£157.00
	Fully Flat (FFA-A9)	Wireless Remote Controller (Heat Pump) for Old Style Decoration Panel	£234.00
		Wireless Remote Controller (Heat Pump) for White Ceiling Decoration Panel	£234.00
Floor Standing	Suspended (FHA-A9)	Wireless Remote Controller (Heat Pump)	£234.00
	Perfera - Floor (C/FVXM-B)	Wireless Remote Controller (Heat Pump)	Supplied with Unit
	Concealed Floor (FNA-A9)	Wireless Remote Controller (Heat Pump)	£234.00

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	£112.00	£202.00	£232.00	£250.00	£119.00	£90.00

Associated Items						
Wiring adapter - required for use with FTXJ-A, C/FTXA-C, FTXM-A, FVXM-A9	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	£73.00	£73.00	£73.00	£73.00	£73.00	£73.00

### Notes:

- BRC073 only suitable for FTXZ-N, FTXJ-AW/S/B, FTXA-CW/S/B, FTXM-A/R, FVXM-A9
- If a hard wired controller is required for other indoor units, please see Sky Air Controls



	KRP4A53	EKMBPP1	RTD-10		RTD-20	KLIC-DI_V2	BRC1H52 W / S / K	BRC7EA631	BRC7EA632	BRC7GA53-9	BRC7C58	BRC7EB530W	BRC7F530 S / W	BRC7FA532 F / FB	BRC4C65	BRP069C81	BRP069C82
	BMS Interface						Hardwired Remote Controller	Infrared Remote Controller								Wi-Fi adapter for ONECTA	
																	
Interface Method	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
0-10 Volt control	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Resistance control	✓	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
<b>Control Functions</b>																	
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	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
<b>Monitoring Functions</b>																	
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	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	✓	✓
<b>Prices</b>																	
Interface	KRP4A53	EKMBPP1	RTD-10		RTD-20	KLIC-DI_V2	BRC1H52W/S/K	BRC7EA631	BRC7EA632	BRC7GA53-9	BRC7C58	BRC7EB530W	BRC7F530S/W	BRC7FA532F/FB	BRC4C65	BRP069C81	BRP069C82
Trade Price	£97.00	£251.00	£322.00		£347.00	£284.00	£123.00 / £130.00 / £134.00	£184.00	£184.00	£234.00	£234.00	£234.00	£234.00	£234.00	£234.00	£111.00	£111.00
<b>Associated Items</b>																	
Mounting Box	UK.FB2	UK.FB2	UK.FB2		UK.FB2	-	-	-	-	-	-	-	-	-	-	-	-
Extension wire for Wifi Adaptor installed with Auto Cleaning panel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EWHR1
Trade Price	£34.00	£34.00	£34.00		£34.00	-	-	-	-	-	-	-	-	-	-	-	£13.00
Compatibility	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

## 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	£1,104.00
Double fan	UK.DF/VR	£1,187.00
VRV type	UK.VRV/VR	£1,347.00

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.



# Training & Services

Training with Daikin	116
National Solutions Centre	120
Deliveries	122
Goods Returns	123
Post Sales and Technical Support	124
Daikin Service App	125
Service, On-Site Support and Maintenance	126
Spare Parts	128
Warranties	129
Terms and Conditions	131



# Training with Daikin

## Three levels of training

Daikin recognise that different companies have individuals with different job roles and skills – some of whom need standard levels of installation training and others who need more advanced training on a wider range of products and tasks.

In recognition of these differences, Daikin delivers product training courses at three different levels, so you can progress from standard installation through to service and fault finding as you become more experienced and knowledgeable or dive straight in at the right level to meet your individual needs.

The ultimate goal is that you can install, commission and service a Daikin Altherma heat pump as efficiently as possible, so your customers are delighted with the result and you can move onto the next project with the knowledge that it was a job well done.

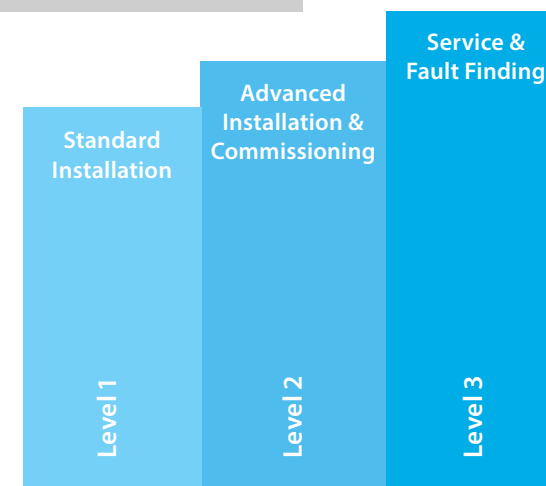
1. **Standard Installation (Level 1) course** enables you to install a Daikin Altherma heat pump. If you're only involved in installations, this is the course for you.
2. **Advanced Installation and Commissioning (level 2) course** gives you the skills for effective trouble shooting of a Daikin Altherma heat pump. It is ideal if you are involved in a number of different types of installation.
3. **Service and Fault Finding (Level 3) course** allows you to handle all types of servicing tasks for a Daikin Altherma heat pump. It is ideal for an already competent installer, giving you the opportunity to expand your knowledge and skills so you can provide your customers with a full range of services.



Daikin UK is committed to supporting our partners' business development, and training is a crucial aspect of this growth. By helping your teams develop their skills on the latest low carbon systems, Daikin and our partners can grow successfully together, whilst supporting the UK's ambition to achieve a Zero Carbon economy.

Daikin Altherma training courses can be completed online via live streaming modules or as full day courses at our Training Academies in Woking, Bristol, Birmingham, Manchester and Glasgow as well as at our partner Sustainable Homes Centres.

To find out when courses are scheduled online via Live Streaming and in person at Daikin UK regional Training Academies, or to check availability and book a place, please go to the Daikin UK booking website at [daikintraining.co.uk](https://daikintraining.co.uk)



## Available Training courses

Range	Standard Installation Level 1	Advanced Installation & Commissioning Level 2	Service & Fault Finding Level 3
Daikin Altherma 3 Monobloc	<div><div></div><div>DUK-H11</div></div>	<div><div></div><div>DUK-H12</div></div>	<div><div></div><div>DUK-H13</div></div>
Daikin Altherma 3 Refrigerant Split	<div><div></div><div>DUK-H2</div></div>		
Daikin Altherma 3 H HT	<div><div></div><div>DUK-H8</div></div>		
Daikin Altherma Hybrid Monobloc	<div><div></div><div>DUK-H14</div></div>		
Daikin Altherma 3 Water Source Collective	<div><div></div><div>DUK-H24</div></div>		







## National Technology Centre

The Technology Centre in Woking is Daikin's largest training and demonstration facility in the UK, over two floors covering an area close to 1000m<sup>2</sup>.

The facility is able to hold three training events at one time, with additional equipment demonstration facilities and a dedicated suite for conducting web based live training events.

The first floor is dedicated to Heating products with individual working bays containing a wide selection of systems to allow for practical hands-on training of commissioning and fault diagnosis.

Courses are also available within our well equipped regional Training Academies in Glasgow, Manchester, Birmingham and Bristol and our Daikin Sustainable Home Centres.

All training is given by highly skilled engineers who will be able to provide you with extensive in depth knowledge of our equipment.

## How to book your training

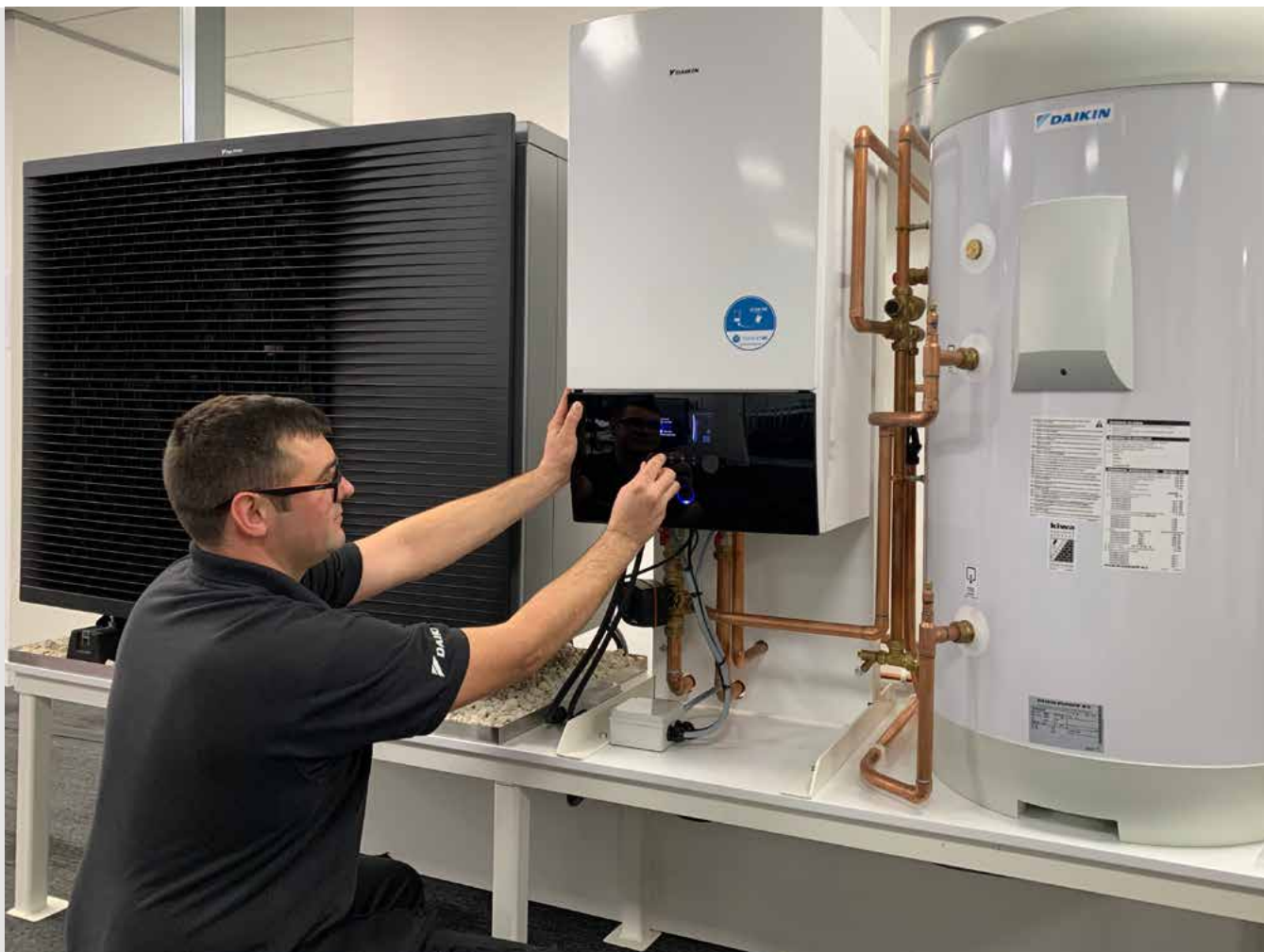
Courses are delivered either online or at one of our regional Training Academies. To check availability and book a place, please go to the Daikin UK booking website at [daikintraining.co.uk](https://daikintraining.co.uk)

If you have any specific training requests outside of the scheduled programme, please contact the Daikin UK training team.

## Your training journey

- We recommend that every installer completes Altherma Design and Application before applying for specific production installation courses.
- We require each installer to attend the specific Installation and Commissioning course for each product they are purchasing and installing. Specific courses are available for our Daikin Altherma Low Temperature, Monobloc, Hybrid, High Temperature and Water Source product ranges.
- For more advanced installers wishing to offer service support, we recommend Advanced Service and Fault Finding. Specific courses are available for Daikin Altherma Low Temperature, Monobloc, Hybrid, High Temperature and Water Source product ranges.

To view our latest training courses,  
please go to [daikintraining.co.uk](https://daikintraining.co.uk)



## LCL Awards Level 3 training

Daikin UK now offers the DUK-H25: 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.

LCL Awards is one of the Building Services Engineering (BSE) sectors foremost awarding organisations and certification bodies.

The objective of this qualification is for learners to demonstrate they are competent in accordance with legislation regulations and industry standards.

Pre-requisites for ASHP Installer Course: N/SVQ Level 2/3 in a relevant trade and WRAS Water Regulations/ Water Byelaws or equivalent. Heating installers with a minimum of three years of experience installing wet central heating systems, evidenced either by manufacturer courses certification or Gas Safe Register, OFTEC, MCS or HETAS registration.

## Other LCL Awards available

DUK-H26	Water regulations
DUK-H29	Level 3 Award in Low Temperature Heating and Hot Water Systems in Dwellings
DUK-H25	Level 3 Award in the Installation and Maintenance of Air Source Heat Pump Systems (non-refrigerant circuits)

## 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 the systems and solutions we offer to your exact requirements.

At our brand new National Solutions Centre in Thornbury, Bristol, Daikin UK is pleased to offer tailored and bespoke solutions across our product ranges.

The experts that work 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, which is why we have seen an increase in demand for bespoke solutions.

Our innovative solutions have been created with ease of installation and optimising end user experience in mind, from vinyl condenser wraps to Blygold treatment. These modification maintain the units CA/CE marking.

To discuss your requirements for tailored solutions from our National Solutions Centre, please contact your Daikin Sales Engineer.





## 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	£1,104.00
Double fan	UK.DF/VR	£1,187.00

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.

### Price guide for standard units

#### 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

## Blygold treatment



Daikin UK offers Blygold Treatment on all outdoor heat exchangers where the unit will be exposed to the following outdoor conditions:

- Coastal areas, due to high salt and humidity levels (normally up to 5km inland in the UK)
- Near agricultural spaces where fertiliser spray is used
- In areas with high traffic pollution or near industrial buildings that burn fossil fuels

Blygold coats the coils to add an additional level of protection to offer further peace of mind to your customer by prolonging the life of the heat exchanger by up to three times and ultimately maintaining the efficiency of the unit throughout its life.

Systems treated with Blygold pass both the VDA Wechselstest and Kesternich Test to give up to six times more resistance to corrosion compared with a standard outdoor unit. The treatment ensures that Daikin condensing unit coils are sealed off from the environment in a manner that will not reduce the heat transfer or cause pressure drop issues.

Units are treated at Blygold UK's premises prior to equipment being shipped to site. The coating is UV resistant, flexible, heat conductive, and chemical resistant to most harsh environments.

Blygold treatments are available for all Daikin Altherma condenser types starting with ER ED EB EV.

#### Guide based on single units

Indoor units		Price (Ex-VAT)
Standard ducted	FXSQ/FXSA	£360.00
Cassette	FXZQ/FFQ/FXFQ/FCAG/FXZA/FFA/FXFA	£310.00
Wall mount	FXAQ/FXAA	£340.00
Floor standard	F(V)LXS/FXNQ	£360.00
Floor chassis	FVA-A	£440.00
Under ceiling	FXUQ/FUA/FXUA	£360.00
Ceiling suspended	FXHQ/FHA/FXHA	£340.00

Outdoor units		Price (Ex-VAT)
Single fan	All capacities	£460.00
Double fan	All capacities	£490.00

# Deliveries

Delivery Type	SAP Number	Time	New Pricing	Order Processing Deadline
<b>Standard Delivery - Weekday</b> (excluding Spares)				
Next Day Delivery		08:00 - 17:30	<b>Free of Charge</b>	Order processed by 14.00 (Scotland 12.00) the previous working day
<b>Timed Delivery - weekday</b> (excluding Spares)				
Before 13:00	UK.DLVWIN1	08:00 - 13:00	<b>£50.00</b>	Order processed by 14.00 the previous working day
After 13:00	UK.DLVWIN2	13:00 - 17:30	<b>£45.00</b>	Order processed by 14.00 the previous working day
Time specific normal hours	UK.TDN_30MIN	Between 08:00 - 17:30	<b>£220.00</b>	Requires two working days' notice
Time specific out of hours	UK.TDN_300TH	Before 08:00 & after 17:30	<b>£390.00</b>	Requires two working days' notice
Sameday (geographical restrictions apply)	UK.RUSH_DLVR		<b>£220.00</b>	Order processed by 11:00
<b>Weekend Deliveries</b>				
Saturday /Sunday time specific	UK.TDN_300TH		<b>£390.00</b>	Requires two working days' notice
Saturday Delivery <15kg	UK.SAT_COURRIER	07:00 - 18:00	<b>£35.00</b>	Requires two working days' notice
Saturday Delivery >15kg	UK.SAT_SUB	08:00 - 17:00	<b>£110.00</b>	Requires two working days' notice
Public Holidays		-	<b>Variable</b>	Requests processed on an individual basis
<b>Spare Parts Delivery Service</b>				
<b>Next Day Delivery - Weekday</b>				
Online orders		07:00 - 18:00	<b>Free of Charge</b>	Orders received by 14:00 previous working day
Next Day Delivery <20kg	UK.STANDDEL	07:00 - 18:00	<b>£10.00</b>	Orders received by 14:00 previous working day
Next Day Delivery >20kg	UK.PALLETDEL	07:00 - 18:00	<b>£60.00</b>	Orders received by 14:00 previous working day
Next Day Delivery Before 13:00 <20kg	UK.PALLETAM	07:00 - 13:00	<b>£20.00</b>	Orders received by 14:00 previous working day
Next Day Delivery Before 13:00 >20kg	UK.PALLETAM	07:00 - 13:00	<b>£90.00</b>	Orders received by 14:00 previous working day
<b>Weekend Deliveries</b>				
Saturday Delivery <20kg	UK.SPECIALDEL	07:00 - 18:00	<b>£35.00</b>	Orders received by 14:00 previous working day
Saturday Delivery >20kg	UK.SPECIALDEL	07:00 - 18:00	<b>Price on Request</b>	Orders received by 14:00 previous working day
<b>Special Vehicle - Weekday / Weekend</b>				
Hiab: kerbside drop	UK.SPEC_VEHICLE	-	<b>From £750.00</b>	Requires two working days' notice
FORS (fleet operator recognition scheme)	UK.SPECIAL		<b>£750.00</b>	Requires two working days' notice
Flat Bed	UK.SPEC_VEHICLE		<b>£600.00</b>	Requires two working days' notice
Two man delivery service	UK.SPEC_VEHICLE		<b>£390.00</b>	Requires two working days' notice
Small Vehicles (under 18T)		Weekday	<b>Free of Charge</b>	Requires two working day's notice
		Weekend	<b>From £390.00</b>	Requires two working day's notice

\* Information available from your local Daikin Sales Order Support team.

## Notes:

- Weekday hours: Monday - Friday 08:00 - 17:30
- Out of Hours: before 08:00 or after 17:30
- 98% of UK mainland postcodes are covered under the Next Day delivery service
- Standard delivery will normally be made by a single driver on an 18T rigid lorry equipped with tail lift and pump truck. Alternative sized vehicles may be utilised from time to time. If you face site restriction at your nominated delivery address and a vehicle other than an 18T rigid lorry is required, notification is needed two working days prior to delivery
- Next day delivery is subject to postcode restrictions. Full details of delivery areas can be obtained from the business portal on my.daikin.co.uk (deliveries to Scotland, Offshore UK Islands, Northern Ireland and the ROI may be subject to 2 to 5 day delivery routes)
- Time specific deliveries are +/- 30 minutes from the requested time
- Hiab pricing (vehicle with lifting arm) is based on kerbside drop. Deliveries requiring further lifting capabilities (such as chillers/ rooftops) or outside of normal hours (08:00 - 17:30) may incur additional charges. Prices can be requested at time of order
- Two man deliveries can be requested for heavier items and deliveries above ground level
- Delivery address, site contact name and number are required for every delivery
- Our drivers are not permitted to make part delivery against a delivery note. Additional charges may apply for refused deliveries





# Goods Returns

## Daikin UK policy for acceptable returned goods

### Goods returns timescales

Daikin UK allows returned goods within the following timescales:

**Units and accessories:** 10 working days from date of invoice

**Spare Parts:** 1 month from date of invoice

Within these timescales, Daikin may accept unwanted goods provided they are boxed in the original packaging, in perfect condition and have not been used.

### Arranging goods returns

To arrange the process of returning goods, please complete a Goods Returns Form available from the Sales and Orders section of **my.daikin.co.uk** and email: **returns@daikin.co.uk**

### Conditions of returned goods

All returned items are subject to a minimum 20% restocking/administration charge with the following collection charges applied to the final credit:

Collected goods up to 15kg: **£15**

Collected goods over 16kg: **£90**

All returned goods will be fully inspected by our technical engineers. If returned goods are in a non-satisfactory condition then Daikin reserves the right to decline the return or apply an increase to the restocking charge.

### Damaged items

Daikin will only accept claims for damages when the goods have been signed for as damaged on the delivery note and you have notified Daikin Returns Team within three working days of delivery. If you identify damage at point of delivery, you are entitled to refuse the delivery and contact us to arrange for a new unit to be sent out.

If you only notice hidden damage after unpacking the units, claims must be reported within three working days from the delivery date to Daikin Returns Team along with photographs of the damage.

### What happens next

Once the Goods Return Form is received, an email will be sent to the confirmation email address provided notifying you of the goods for collection and a date for this to be carried out. If you have any queries regarding this date please respond to the email address provided as soon as possible.

Once inspected and confirmation is received that the goods are in perfect condition, a credit will be raised against the original invoice.

\*Please note returns for chillers and made to order units will not be accepted\*

### Goods covered by warranty

Once a unit has been installed and commissioned, any faults or breakdowns that occur should be reported to our warranty department on:

**Telephone:** 01932 879275 or **email:** warranty@daikin.co.uk



# Post-sales & service support

## Technical helpdesk

The Daikin UK technical helpdesk offers an invaluable service, providing technical support and guidance when you are experiencing on-site problems when commissioning or diagnosing faults.

Your call will be answered by one of Daikin UK's fully trained engineers.

To help provide a quick and efficient response please make sure you have the full model number of the unit to hand.



## Daikin Service Tools

### **DChecker (part no. 999495P)**

The DChecker is a service tool used to capture operational data from the following equipment, Split-Multisplit, Sky-Air and Altherma products. The tool will record and graph all sensor data, PCB inputs and outputs from indoor and outdoor units. Using the operational data, this will help to identify any operational issue.

Please note the DChecker is a USB interface which provides a direct wired link to the main PCBs and enables real-time data to be viewed on a laptop running Windows. Software included.

**£366.63**

**For support with  
Daikin Altherma systems,  
please contact:**

Tel 01932 879277  
For the latest opening hours please refer to our 'contact us' page  
at **daikin.co.uk**

**For support with  
Gas boilers systems,  
please contact:**

Tel 03456 460430  
Mon - Fri 8.00 - 17.30 & Sat 09.00 - 16.00  
Mon - Fri 10.00 - 14.00 (with exclusion of Christmas Day)

# Daikin Service App

The Daikin Service App has been developed with service engineers in mind to offer support whilst working on Daikin VRV, Split & Sky Air and Altherma equipment.



The Service App covers various functions to help field engineers to fault find on Daikin equipment.

## The Daikin Service App functions include:

- Replacement PCB dip switch settings
- Pressure transducer and temperature thermistor checks
- Mobile version of Spare Parts Bank

## Outdoor field setting functions include:

- Fan coil and BS box count
- Refrigerant recovery mode
- VRV III and IV short wiring and piping test
- VRV emergency modes
- VRV diagnosis modes

## Indoor field settings include:

- BRC setting codes
- Altherma dip switch settings
- Altherma controller settings
- Split & Sky Air fault code recovery

Plus much more...



# Service, On-Site Support and Maintenance

## Commissioning and service support

Daikin UK offers free installation and commissioning support for your first heat pump order.

The aim of this support is to guide new installers during their first installation, so we can find any basic errors and provide advice. Our engineers are there to help and support you during the first steps in heat pump installation.

The installation and commissioning support visit should be arranged before installation starts. Our Service Engineer will visit your installation twice:

- (a) during installation, and
- (b) at commissioning stage.

During the installation, the Service Engineer will join you and go through a basic checklist while you carry out the installation work. On the second visit, they will then help you to commission the system, using the Selection Report for the system design.

To accept this offer and arrange the visits, please follow the following steps:

1. Accept the '**Installation and Commissioning Service Support**' which will be added to your first three quotations.
2. We will then email you details of your Regional Service Team and the **Site Details Form** together with your order confirmation.
3. Contact your Regional Service Team by returning the **Site Details Form** at least five working days before you start the installation.
4. The Regional Service Team will then contact you and confirm the details for the first visit.

If you require ongoing **Commissioning Support** for future or more complex installations, you can also request this as an additional paid service, at a reduced rate.

You can either pay for this when you order the equipment, or later by contacting the Service Team directly with details of the project and system.

Please contact the Service Helpdesk for more information, and allow five working days to book any site support.

## Service support on-site

We can provide service engineers to assist you with on-site commissioning or service support. All work is documented in a report and sent for your records. So that we can give you the best service possible, it is important to ensure that you are in attendance at that time.



Annual Maintenance Packages for Daikin Altherma and Hybrid systems

Daikin UK offers homeowners the following maintenance packages for Daikin Altherma and Hybrid systems.

Altherma

	Package	Bronze	Silver	Gold	
Annual maintenance package	Annual price including VAT	£192.00	£292.00	£362.00	* Free of Charge for products under warranty ** Terms and conditions apply
	Monthly price including VAT	N/A	N/A	£32.00	
Daikin System	Annual maintenance service	Included	Included	Included	
	Call-outs	Chargeable	Chargeable	Included**	
	Parts	Chargeable*	Included	Included	
	Labour	Chargeable*	Chargeable*	Included	

Hybrid

	Package	Bronze	Gold	
Annual maintenance package	Annual price including VAT	£286.00	£505.00	* Free of Charge for products under warranty ** Terms and conditions apply
	Monthly price including VAT	N/A	£45.00	
Daikin System	Annual maintenance service	Included	Included	
	Call-outs	Chargeable	Included**	
	Parts	Chargeable*	Included	
	Labour	Chargeable*	Included	



For service support, please contact the Regional Service Centre closest to the site where your equipment is installed:

London and Eastern Region Service Centre		
Phone number	Operating Hours	Email address
01932 879274	Mon - Fri: 09.00 to 17.00	weybridgeservice@daikin.co.uk
Western and Midlands Region Service Centre		
Phone number	Operating Hours	Email address
01932 879278	Mon - Fri: 09.00 to 17.00	bristolservice@daikin.co.uk
Northern region		
Phone number	Operating Hours	Email address
01932 879279	Mon - Fri: 09.00 to 17.00	northnerservice@daikin.co.uk

For more information on these packages, please contact the Daikin Heating Contact Centre:

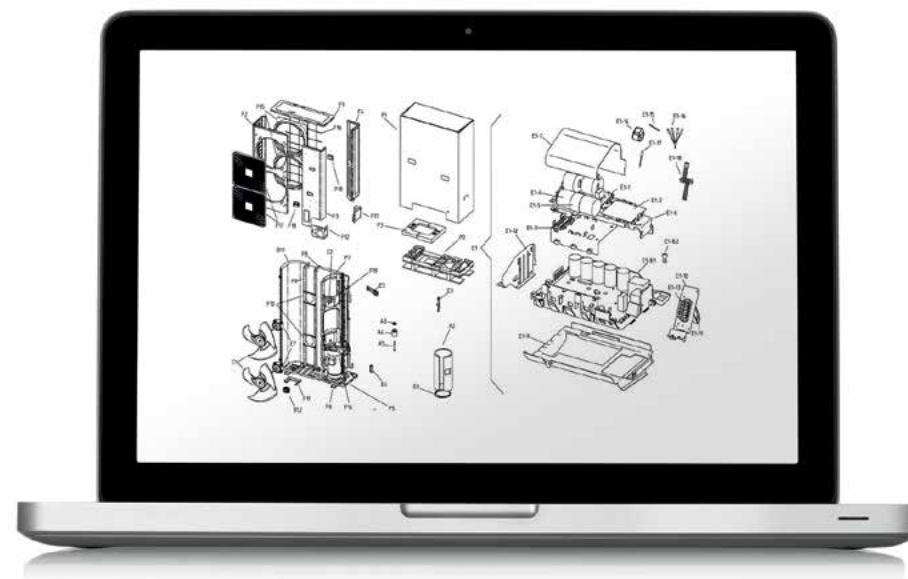
Tel 01932 879271

Also available on Stand By Me, see page xii for more details.



# Spare Parts

Available to order online 24 hours a day



If a component fails, Daikin has 22,000+ spare parts based in the UK. In addition, our European parts centre holds over 700,000 parts. This helps us to achieve our target of delivering 97% of critical A parts within two days.

The Spares department is available to help you Monday to Friday 8.30am to 5.30pm.

## To contact the Spares team directly

Tel 01932 879230  
Email [spares@daikin.co.uk](mailto:spares@daikin.co.uk)

If you hold a direct account with Daikin UK The Spare Parts Bank is available 24 hours a day, 365 days a year and enables you to select, quote and order your parts online at any time of the day.

There are no delivery charges on any orders received via the Spare Parts Bank, plus you receive an additional 2.5% discount.

Order your spares the easy way online at **[www.daikin.co.uk/spares](http://www.daikin.co.uk/spares)**

A mobile version of the Spare Parts Bank is also available via the Daikin Service App. More information can be found on page 125.

## Register for spare parts bank

If you require a user name please go to **[daikin.co.uk/spares](http://daikin.co.uk/spares)** and register online or email **[spares@daikin.co.uk](mailto:spares@daikin.co.uk)** quoting your company name, Daikin account number, company address, contact phone number and email address.

To reset your password please go to **[daikin.co.uk/spares](http://daikin.co.uk/spares)** and click on the forgotten password link.

\*Final price and availability is subject to written confirmation from DAUK.\*

**For FREE delivery on all spare parts,  
use the Spare Parts Bank at  
[www.daikin.co.uk/spares](http://www.daikin.co.uk/spares)**

# Warranty

## Extended end user warranty available

In the unlikely event that a heat pump fails, then Daikin will fix the system at no cost to the householder, if it is covered by our homeowner warranty.

Daikin systems come with an extended end user warranty, as long as they are registered by the installer or system owner on Stand By Me (see page xii for details).

For details of our warranty terms and conditions, optional variations, please see table overleaf.

For our full terms and conditions of the warranty policy go to:

**[www.daikin.co.uk/residential-warranty](http://www.daikin.co.uk/residential-warranty)**

or

**[standbyme.daikin.co.uk/en](http://standbyme.daikin.co.uk/en)**

### Registering warranties

Once the system has been successfully installed, please complete the commissioning details on Stand By Me (see page xii) so that your householder can benefit from our homeowner equipment warranty.

### Warranty support

To arrange the warranty visit, the householder should contact us with full details of the fault including the serial number. Please note that the householder will be responsible for any costs if we need to arrange any special equipment to access the installation, e.g. wall mounted outdoor units, or indoor units installed in lofts.

All visits by Daikin UK that are related to the installation or external system faults will be charged to the householder. For these reasons, the original installer may first wish to visit and verify the possible reasons for the fault to ensure that there are no system related faults.

**Daikin Customer Contact Centre**  
**01932 879271**  
**Monday to Saturday 8am to 6pm**

# Warranties

Product	Daikin Sustainable Home Installer	Daikin Sustainable Home Expert	Daikin Sustainable Home Centre	End User
<b>DOMESTIC HEATING EQUIPMENT (Equipment only sold to contractors that have completed the relevant Daikin UK training courses and in agreement with Daikin UK)</b>				
Altherma Outdoor Unit	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Altherma Hydro Box	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Altherma domestic hot water cylinder	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Altherma Hybrid	5	7	7	Linked to Installer (Additional warranty up to 7 years can be purchased)
Daikin Manufactured Heating Accessories	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Non Daikin Manufactured Heating Accessories	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Heat Pump Convectors	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
Chilled water fan coils	3	5	5	Linked to Installer (Additional warranty up to 7 years can be purchased)
<b>OTHER ITEMS</b>				
SPARE PARTS	1	1	1	Installer Warranty
AIR PURIFIER	1	1	1	Installer Warranty
<b>AIR CONDITIONING EQUIPMENT</b>				
Split & Sky Air Systems (Matched Pairs only)	3	3	3	Installer Warranty
High Sensible Sky Air Split Systems (Advertised)	3	3	3	Installer Warranty
Mis Matched High (Sensible combinations only)	3	3	3	Installer Warranty
Multi Split Systems (Standard combinations only)	3	3	3	Installer Warranty
VAM / VKM Total heat exchangers	3	3	3	Installer Warranty
<b>RESIDENTIAL VENTILATION</b>				
DUCO	3	3	3	Installer Warranty
<b>COMMERCIAL HEATING EQUIPMENT (Equipment only sold to contractors that have completed the relevant Daikin UK training courses and in agreement with Daikin UK)</b>				
WS Collective	1 year if commissioned by D1/D1+ or designated M&E 2 Years if commissioned by by Daikin UK	1 Year if commissioned by Ci 2 Years if commissioned by Daikin UK		1 Year if commissioned by contractor 2 Years if commissioned by Daikin UK

## Notes:

### End User Warranty:

- Daikin Altherma systems come with an extended end user warranty, as long as they are registered by the installer on Stand By Me within 12 months of commissioning. If the system is not registered on Stand By Me within this time, the homeowner will only receive the standard 1 year warranty. For full Terms and Conditions of the warranty policy please go to [standbyme.daikin.co.uk/en](http://standbyme.daikin.co.uk/en)
- For every installation you register on Stand By Me, you'll gain additional contributions to your Business Development fund, which you can redeem on the Sustainable Home Network portal at [sustainablehomenetwork.daikin.co.uk](http://sustainablehomenetwork.daikin.co.uk). Or your customer can register their warranty directly (although you won't gain a contribution to your business development fund). As soon as you've commissioned the system, they will receive a code via email so they can register the warranty themselves. Your project database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.
- Warranty on air conditioning equipment is applicable to Sustainable Home Installer/ Sustainable Home Expert/ Sustainable Home Centre
- DUCO Residential Ventilation system can also convert to an end user warranty if registered on SBM and linked to the installer

# Terms and Conditions

**Daikin Airconditioning UK Ltd** is a leading supplier of cooling, heating, ventilation and refrigeration solutions for commercial, residential and industrial applications.

The prices shown within this trade price book are for use by qualified installers who agree that:

- 1 Any equipment purchased is installed by suitably qualified engineers and to the standards expected by Daikin all in accordance with Daikin installation instructions.
- 2 The purchasing installer is able to maintain, troubleshoot and carry out warranty repairs in accordance with the Daikin Airconditioning UK Ltd warranty policy.

All prices shown within this price book are £0.00 net exclusive of VAT and are subject to our standard terms and conditions which can be found at the back of this price book, and can also be accessed from our website.

Specifications are subject to change without prior notice.

## 1. Definitions

"Buyer" means the person, partnership or company purchasing the Goods from the Seller;

"Data Protection Laws" means the GDPR, the Data Protection Act 2018, and any laws that replace, extend, re-enact, consolidate or amend any of the foregoing;

"GDPR" means General Data Protection Regulation, Regulation (EU) 2016/679, as it forms part of domestic law in the United Kingdom by virtue of section 3 of the European Union (Withdrawal) Act 2018;

"Goods" means the plant, machinery, materials, items and labour to be supplied by the Seller subject to these Conditions;

"Seller" means Daikin Airconditioning UK Limited, registered in England and Wales with company number 04616794 trading as Daikin Airconditioning UK Ltd, and shall be construed where applicable to include all employees, agents and subcontractors of that company; and

"Site" means such place to which the Buyer shall request the Seller to make delivery.

## 2. Governing Conditions

**2.1** All orders, however made, are accepted only upon these Conditions which shall override any terms or conditions incorporated or referred to by the Buyer in writing, orally or otherwise. No variation of these Conditions shall be incorporated into the contract between the Seller and the Buyer unless expressly accepted in writing by a director of the Seller.

**2.2** No failure by the Seller to object to any terms or conditions incorporated or referred to by the Buyer in writing, orally or otherwise shall be deemed a waiver of these Conditions or an acceptance of the Buyer's terms and conditions.

**2.3** The Buyer acknowledges that these Conditions together with the express terms of the contract constitute and form the entire terms of this contract to the exclusion of any antecedent statement or representation whether oral, written or implied or whether contained in any advertisement, particulars, descriptions or illustrations given in the Seller's catalogues or brochures, or other matters issued or in any correspondence entered into by the Seller. The Buyer further acknowledges that it has not entered into this contract in reliance upon any such statement or representation, other than the written specifications given by the Seller and the Buyer shall, save in respect of fraud, have no remedies in respect of, any representation or warranty that is not expressly set out in this contract or any documents entered into pursuant to it.

## 3. Placing Orders

**3.1** Placing an order shall be an offer by the Buyer to purchase Goods and presumes knowledge and acceptance of these Conditions.

Upon placing an order the Buyer shall receive an acknowledgement of the order in writing and/or through the online order system designated by Seller, if any; which does not constitute a binding contract until the Seller accepts the Buyer's order by written confirmation and/or through such online system, as the case may be.

**3.2** The Seller reserves the right to reject cancellation by the Buyer of an accepted order or any portion thereof. Cancellation of an accepted order needs to be approved in writing or through the online system designated by Seller, as the case may be by the Seller and the Buyer may be charged cancellation charges. Goods already delivered cannot be returned or exchanged and will be invoiced.

**3.3** Changes to an accepted order shall be treated as a separate order, unless otherwise agreed in writing by the Seller. If any changes are made to an original order, the price, discount on or delivery date of that order are subject to change.

**3.4** The Seller has a policy of continuous technical improvement and accordingly reserves the right to make minor modifications to the technical specification and design of the Goods. Catalogues, brochures, advertising lists, photographs and similar publications are only sent by way of information and any technical information, including any information on the performance of the Goods provided, is an approximate guide. The Seller has no liability for any deviations from or mistakes in such information or for any errors of interpretation.

**3.5** The Seller reserves the right, without giving prior notice to the Buyer, to carry out alterations and improvements in the design or method of manufacture. Such alterations or improvements may result in the Goods being superseded with new goods. In the event the Goods are superseded before delivery, the Seller reserves the right to substitute the Goods (or any part of them) with the new goods (or any part of them) provided that price is no greater than the price of the Goods and the Seller reasonably considers the new goods to be effectively equivalent.

## 4. Price and Payment

**4.1** The Seller's quotation, unless previously withdrawn or revised in writing or through the online system designated by Seller, as the case may be, is valid 30 days from the date of quotation or until the end of the financial year (31st March), whichever comes first, after which the quotation shall automatically expire. The Seller reserves the right to amend their prices during the financial year and any such

changes will mean previous quotations (prior to the price change) are only valid for 30 days, from the date of the quotation.

**4.2** A quotation for the Goods given by the Seller shall not be construed as an obligation to sell but merely an invitation to treat and no contractual relationship shall arise from it until the Buyer's order has been accepted by the Seller in writing.

**4.3** The Seller's quotation includes only such goods, accessories and work as are specified thereon and (without limitation to the foregoing) does not include the cost of lighting, power, heat and water required and/or used during the installation and testing of the Goods at the Site, or any insurance or overtime working by the Seller.

**4.4** The price quoted for the Goods is based on the cost to the Seller at the date of quotation of materials, labour, transport and all other expenses and of conforming to any statutory regulations. The Seller reserves the right to vary the quoted price to take account of any variation (including variations caused by alterations in rates of exchange) in the aforesaid costs between the date of the quotation and the date of actual physical delivery of the Goods.

**4.5** All amounts stated in these Conditions to be payable by the Buyer are exclusive of Value Added Tax or any similar tax properly chargeable in respect of supplies under these Conditions and any other tax or duty and Buyer will pay all such Value Added Tax and other applicable taxes together with those amounts.

**4.6** Each payment made by the Buyer must be calculated and made without, and free and clear of any deduction for set-off or counterclaim and any withholding for or on account of any tax or any other deduction, unless required by law, in which case the Buyer shall ensure that the withholding or deduction does not exceed the minimum amount required by law and shall increase the amount payable by it so that the net amount received and retained by the Seller will equal the full amount which Seller would have received and retained if no withholding or deduction had been made.

**4.7** Unless otherwise agreed in writing, the Buyer shall pay the invoice amount of the Goods and any other costs, charges or expenses provided for by these Conditions including Value Added Tax at the then current rate within 30 days from the date of the Seller's invoice in immediately available funds, but the Seller reserves the right to require payment before delivery or installation.

**4.8** Time for payment shall be of the essence of the contract. Any invoice not paid in accordance with the foregoing shall be liable to interest on the unpaid amount

thereof at the rate of 8% per annum above the base rate from time to time of Barclays Bank plc calculated on a day-to-day basis.

**4.9** Without prejudice to any other rights or remedies it may have, in the event the Seller makes credit facilities available to the Buyer and the credit limit is reached, the Seller may suspend future delivery of the Goods under any contract for the supply of goods and/or services from the Seller to the Buyer unless and until the Buyer satisfies all or part of the credit as the Seller may demand, in its sole and absolute discretion.

## 5. Delivery

**5.1** Any dates quoted for delivery of Goods are approximate only, and the time of delivery is not of the essence. Failure by the Seller to make delivery on any particular date shall not entitle the Buyer either to cancel the order or the delivery or to repudiate this contract or to claim for any expenses, loss of profit, or any other consequential loss or damage whatsoever.

**5.2** If the contract provides for the Seller to deliver the Goods, delivery shall be deemed to take place when the Goods arrive at the agreed destination or are ready for despatch by the Seller to the order of the Buyer and such despatch shall have been delayed by the Buyer, whichever is the sooner.

**5.3** The Buyer undertakes that the Site will at all times be safe and accessible for the Seller and its vehicles carrying out delivery. The Buyer is responsible, at its own cost, for the provision of such labour and apparatus as is necessary for the offloading and positioning of the Goods on Site and shall give the Seller every assistance in effecting delivery.

**5.4** If the contract provides for the Goods to be collected by or on behalf of the Buyer, the Seller shall give the Buyer reasonable notice in writing and/or orally of when and where Goods will be ready for collection. Delivery shall be deemed to take place upon the date and at the place so notified whether or not the Goods are so collected.

**5.5** The Seller may deliver the Goods in instalments and each such instalment shall be deemed to be the subject of a separate contract and no damage, non-delivery or shortage in relation to any such instalment shall entitle the Buyer to any remedies in relation to any other instalment or contract. If payment of any instalment is not made in accordance with clause 4, the Buyer shall be liable to the Seller for any costs incurred in connection with manufactured or partly manufactured Goods acquired by the Seller for the Buyer, in addition to the other rights and remedies available to the Seller.

## 6. Risk

**6.1** Risk shall pass to the Buyer on delivery of the Goods.

**6.2** If delivery does not take place as a result of any act or omission of the Buyer or if the Buyer fails to collect the Goods as set out in clause 5, then delivery shall be deemed to have taken place on the date of the attempted delivery and risk shall pass to the Buyer, who shall indemnify the Seller in full against any expense, cost or loss incurred by the Seller including, without limitation, storage and transport costs. Without prejudice to the foregoing, if, fifteen (15) days after the Seller notified the Buyer that the Goods were ready for delivery, the Buyer has not taken delivery of them, the Seller reserves the right to resell or otherwise dispose of part or all of the Goods and, after deducting all costs and expenses account to the Buyer for any excess over the price already paid or charge the Buyer any shortfall between the contract price and such costs and expenses.

**6.3** The Buyer shall examine any Goods delivered upon delivery. If the Goods or any part thereof are received in a damaged condition or are not received, the Seller will accept no responsibility for such damage and or loss unless the Buyer advises the

Seller in writing of the damage or loss within 3 working days from the earlier date of actual physical delivery of the Goods or the date of installation of the Goods (save where the damage is a latent defect in the Goods in which case clause 17 shall apply). The Buyer must then afford the Seller reasonable opportunity to inspect any damage or verify any loss and shall immediately return the damaged Goods to Seller.

**6.4** The Seller's sole responsibility upon any damage or loss is to repair or replace the Goods which prove to be lost or defective (or at the Seller's option the defective part(s)), as soon as is reasonably practicable, provided that they are returned to the Seller by the Buyer. Whether the remedy is repair or replacement shall be at the option of the Seller and such repair or replacement shall be free of charge. Subject to the provisions of clause 17 the Seller shall have no further liability to the Buyer.

**6.5** If the Buyer shall fail to comply with clause 6.3, the Goods shall be deemed to be in accordance with the contract and the Buyer shall be bound to accept delivery and shall make payment without any deduction in accordance with these Conditions.

**6.6** The Seller will not be liable for any claims resulting from loss or damage to the Goods occurring after delivery.

**6.7** Unless otherwise agreed in writing, the Buyer shall be solely responsible for obtaining any and all necessary import or export licences or permits necessary for the delivery to the Buyer, and the Buyer shall be responsible for any and all customs duties, clearance charges, taxes, brokers' fees and other amounts payable in connection with the importation, exportation and/or delivery of the Goods.

## 7. Force Majeure

**7.1** If the Seller is prevented from performing the contract by any event or cause beyond its reasonable control, however arising, then it will not be liable for any failure or delay in performing its obligations under the contract and, if such event or cause carries on continuously for more than 28 days, it may by written notice to the Buyer terminate the contract.

**7.2** In such event, the Buyer shall pay to the Seller all reasonable costs incurred by the Seller at the date of such notice in relation to its partial and or attempted performance of its obligations hereunder but, subject thereto, neither the Seller nor the Buyer shall be under any liability whatsoever to the other in connection with the contract.

## 8. Shortages

If the Seller is unable, for any reason, to supply the total demand for Goods of the contract description, the Seller may allocate its available supply of such Goods among any and all Buyers on such basis as the Seller may deem fair and practical without liability for any failure of performance which may result. The Buyer shall not be entitled to reject such Goods for short delivery.

## 9. Works and Specification

**9.1** Where existing equipment is to be used in connection with the Goods, the Buyer shall be fully and solely responsible for it.

**9.2** Any adaptation of the standard specification of the Goods shall be made upon the full and sole liability of the Buyer. Where the standard specification of the Goods is adapted, whether by the Seller at the request of the Buyer, or by the Buyer itself, the Buyer agrees to indemnify (and shall keep so indemnified) the Seller in full against any claim resulting from any such variation (whether or not arising out of the negligence of the Seller, its servants, agents or subcontractors). In the event of any adaptation made by the Seller upon request of the Buyer, the Buyer shall make such payment in respect thereof as the Seller may reasonably demand.

**9.3** The Buyer shall be responsible for ensuring that the Goods are sufficient and suitable for the Buyer's purposes (whether such Goods have been adapted from their standard specification or not) and the Seller shall have no liability to the Buyer in the event that the Goods are not sufficient and suitable for the Buyer's purposes.

**9.4** Unless otherwise expressly agreed in writing, the Seller shall not be responsible for any errors, omissions or defects in any goods, equipment, machines, parts, drawings, designs, specifications, test results, reports or other information supplied to the Seller by the Buyer or the Buyer's employees, agents, sub-contractors or representatives and the Buyer agrees to indemnify and keep indemnified the Seller against all claims and liabilities incurred by the Seller resulting from such errors, omissions or defects.

## 10. Installation

It is the responsibility of the Buyer to install and commission the Goods and to ensure its employees, agents and subcontractors or any other persons used by the Buyer to install and commission the Goods are fully trained to do so and that the terms of any instructions or manuals provided with the Goods are followed.

## 11. Health and Safety

The Buyer shall ensure that all Goods shall be used strictly in accordance with any relevant information, instructions or advice which the Seller or the manufacturer of the Goods may make available with or in connection with the Goods.

## 12. Environmental

**12.1** The Buyer shall be responsible for all costs, charges, and expenses arising from or in connection with the decommissioning, recovery, recycling, and disposal of all or part of the Goods and shall not seek to recover such expenses or contribution from the Seller.

**12.2** The Buyer is responsible for obtaining and complying with all relevant licenses, permissions, permits and consents from appropriate regulatory bodies and for complying with any other lawful authority in connection with the storage, installation, operation, use, maintenance, repair, transportation, decommissioning, recovery and eventual disposal of the Goods.

**12.3** Where the Buyer sells all or part of the Goods to another party, the Buyer shall enter into a similar covenant with that party.

## 13. Retention of Title

**13.1** Risk of damage to or loss of the Goods shall remain with the Seller until delivery to the Buyer.

**13.2** Title in the Goods shall not pass until such time as the Buyer has paid for all Goods and/or services subject of this contract in full and, furthermore, the Buyer has paid for all other Goods and/or services supplied by the Seller to the Buyer under any other contract.

**13.3** Until title to the Goods has passed to the Buyer:

- (a) the Buyer shall hold the Goods as bailee for the Seller;
- (b) the property in the respective Goods supplied by the Seller will remain vested in the Seller;
- (c) the Buyer must store the respective goods so that they are clearly identifiable as the Seller's property;
- (d) the Buyer must take all reasonable care of the Goods and keep them in a reasonable condition; and
- (e) the Buyer must insure the respective Goods against the risks for which a prudent owner would insure them, and hold the policy on trust for the Seller.



**13.4** The Buyer must inform the Seller, in writing, immediately if it becomes subject to any of the events set out in clause 16.1.

**13.5** If at any time before title to the Goods has passed to the Buyer, the Buyer informs the Seller, or the Seller reasonably believes, that the Buyer has or is likely to become subject to any of the events specified in clause 16.1 and the Goods remain in the possession or control of the Buyer, the Buyer must allow the Seller to remove the Goods.

**13.6** The Seller has the Buyer's permission to enter the Buyer's premises where the Goods are stored:

- (a) on reasonable written notice, to inspect them; and
- (b) where clause 13.5 applies, to remove them, using reasonable force if necessary.

#### **14. Intellectual Property Rights**

**14.1** The Buyer shall have no rights to any intellectual property owned by or licensed to the Seller. The Buyer shall not allow any trademark or instruction or warning applied to the Goods to be obliterated or obscured.

**14.2** All designs, samples, models, experimental equipment, marketing devices, accessories and other items relating to the Goods or their development or creation shall remain the Seller's property, shall be treated as confidential and shall not be copied, reproduced or disclosed to any person without the Seller's prior written consent.

#### **15. Confidentiality**

**15.1** All information and/or advice, whether written or oral, whether in relation to the Goods or to the business of Seller, given by the Seller to the Buyer, shall not be disclosed to any third party, except as permitted by clause 15.2.

**15.2** The Buyer may disclose the Seller's confidential information:

- (a) to those of its employees who need the confidential information in order to make use of the Goods in the ordinary course of the Buyer's business, provided such employees have first agreed to comply with this clause 15 (and the Buyer shall be responsible for any non-compliance by its employees);
- (b) if the Buyer has obtained prior written consent from the Seller;
- (c) as may be required by law, court order or governmental authority; or
- (d) to the extent that such information and/or advice is in the public domain otherwise than by virtue of a breach of this condition.

**15.3** The Buyer shall promptly give notice to the Seller of any disclosure required by law and the Seller may seek an appropriate remedy to prevent such disclosure. The Buyer undertakes to fully co-operate with the Seller (at the Buyer's expense) if the Seller rejects the validity of such a requirement.

#### **16. Early Termination**

**16.1** This clause applies if:

- (a) the Buyer suspends, or threatens to suspend, payment of its debts or is unable to pay its debts as they fall due or admits inability to pay its debts or (being a company) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply; or
- (b) the Buyer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than for the sole purpose of a

scheme for a solvent amalgamation of the Buyer with one or more other companies or the solvent reconstruction of the Buyer; or

(c) (being an individual) the Buyer is the subject of a bankruptcy petition or order; or

(d) a creditor or encumbrancer of the Buyer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within fourteen (14) days; or

(e) (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Buyer; or

(f) (being a company) a floating charge holder over the assets of the Buyer has become entitled to appoint or has appointed an administrative receiver; or

(g) a person becomes entitled to appoint a receiver over the assets of the Buyer or a receiver is appointed over the assets of the Buyer; or

(h) any event occurs, or proceeding is taken, with respect to the Buyer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clause 16.1(a) to clause 16.1(g) (inclusive); or

(i) the Buyer suspends, threatens to suspend, ceases or threatens to cease to carry on all or substantially the whole of its business; or

(j) (being an individual) the Buyer dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his or her own affairs or becomes a patient under any mental health legislation

(k) the Buyer commits any default or breach of the terms of this contract or the Conditions or of any of its obligations to the Seller including, without limitation, failure to make payment when due; or

(l) the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly.

**16.2** If this clause 16 applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to terminate any contract made pursuant to these Conditions by notice in writing to the Buyer or suspend any further deliveries of the Goods without any liability on its part, and if the Goods have been delivered but not paid for, the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

**16.3** Termination or expiry of the contract shall not affect any accrued rights and liabilities of the parties at any time up to the date of termination.

#### **17. Warranties and Liability**

**17.1** Subject to clauses 17.2, 17.3 and 17.4 and unless otherwise agreed in writing, the Goods are guaranteed under manufacturer's warranty against material defects in materials or workmanship for a period of 1 year from the date of delivery. This warranty is limited to the repair or replacement ex factory of the parts found defective. Unless otherwise agreed in writing, the Seller shall not be liable for repayment of replacement costs nor for any incidental, consequential or special damages. For the avoidance of doubt, the Seller specifically excludes any implied or express warranty, representation or condition of the Goods' fitness for a particular purpose.

**17.2** To claim under the warranty, the Buyer shall submit to the Seller adequate proof that the Goods are defective, as required by the Seller. Unless otherwise agreed in writing, claims with regard to the Goods will only be accepted if they are notified within 12 months after delivery of the Goods. These terms shall apply to any repaired or replacement parts supplied by the Seller; save that any such repaired

or replacement parts shall only be warranted for the residual unexpired warranty period, unless otherwise agreed in writing.

**17.3** This warranty is given on condition that the maintenance of the Goods has been carried out in accordance with the manufacturers' instructions by an authorised Daikin dealer/installer/maintenance company.

**17.4** The warranty referred to in clause 17.1 does not apply if:

- (a) the Goods have been modified by the Buyer;
- (b) the Goods have been incorrectly installed or stored by the Buyer;
- (c) defects in the Goods have been caused by the act, neglect, omission or default of the Buyer or any third party, fair wear and tear or abnormal working conditions;
- (d) any remedial work in respect of the Goods has been carried out by third parties instructed by the Buyer without the prior written approval of the Seller including, but not limited to, servicing, alteration and repair of the Goods;
- (e) if the Seller's installation, storage and operation instructions (if any) and any instructions issued by the manufacturer, are not followed; or
- (f) the Goods are used for a purpose for which they are not intended.

**17.5** The Seller only acts in its capacity as seller and not as an installer or consultant and the Seller is not responsible for advice given by its representatives concerning the installation of the Goods, save in relation to all or any part of the Goods which the Seller has installed with the written agreement of an authorised representative of the Seller (excluding any agent or subcontractor of the Seller) to the installation and to the terms of such installation for claims.

**17.6** Subject to clause 17.13, the Seller shall not be liable to the Buyer:

- (a) for any damage to persons or property, however arising;
- (b) for defects, in or in any way connected with the Goods, caused by the act, neglect, omission or default of the Buyer or any third party, fair wear and tear or abnormal working conditions;
- (c) for any remedial work in respect of the Goods, carried out by third parties instructed by the Buyer without the prior written approval of the Seller including, but not limited to, servicing, alteration and repair of the Goods;
- (d) for claims if the Seller's installation, storage and operation instructions (if any) and any instructions issued by the manufacturer, are not followed. The Seller reserves the right to charge for remedial works in these circumstances;
- (e) possible defects in manufacturing the Goods or the conception of the raw materials used;
- (f) for any other defects in the Goods not falling within paragraphs (a) to (e) of this clause, unless notified to the Seller by the earlier of 14 days of delivery of the Goods or installation of the Goods or occurrence of a malfunction by a latent defect; and
- (g) for pure economic loss, loss of profit, loss of business, depletion of goodwill, loss of anticipated savings, injury to reputation, loss of revenue, interruption of production, any damages claimed to Buyer by third parties, or otherwise, in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the contract.

**17.7** Subject to clause 17.13, the Seller's aggregate liability to the Buyer in respect of any occurrence or series of occurrences attributable to the same cause, whether for negligence, indemnified losses, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price paid by the Buyer to the Seller in respect of the Goods in question.

**17.8** The Seller's prices are determined on the basis of the limits of liability set out in this clause 17. The Buyer may by written notice to the Seller request the Seller to agree a higher limit of liability provided insurance cover can be obtained therefor. The premiums in respect of insurance up to such higher limit will be for the account of the Buyer.

**17.9** Subject as expressly provided in these Conditions, all warranties, conditions or other terms implied by statute, common law, custom of the trade, course of dealing or otherwise, including, for the avoidance of doubt, all warranties implied by the Sale of Goods Act 1979, are excluded to the fullest extent permitted by law.

**17.10** The Buyer's remedy in respect of any claim for which the Seller is liable in terms hereof shall be limited to, at the sole option of the Seller, repair or replacement of the item in question or refund of the purchase price (if paid).

**17.11** The Buyer shall not be entitled to exercise a right of retention, or withhold payment of any amount payable under the contract to the Seller because of any disputed claim of the Buyer in respect of the Goods or any other alleged breach of the contract, or to set-off any amount payable under the contract to the Seller against any monies not then presently payable by the Seller or for which the Seller disputes liability, or to return Goods to the Seller unless authorised in writing by a director of the Seller.

**17.12** The Buyer shall indemnify the Seller against all claims, damages, liability, costs (including the cost of any legal proceedings), including any claims for the death of or injury to any person or for the damage to or loss of any property, made by any person against the Seller either under any statute or at common law which may arise out of or be in any way connected with the execution of the contracted works or the installation, operation or use of the Goods except where the same is due to the negligence, omission or default of the Seller.

**17.13** Nothing in these Conditions excludes or limits the liability of the Seller for:

- (a) death or personal injury due to the negligence of the Seller;
- (b) defective products under the Consumer Protection Act 1987;
- (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979;
- (d) fraud or fraudulent misrepresentation; or
- (e) any other liability that may not be excluded or limited by law.

## **18. Personal Data**

**18.1** In this clause 15, the terms "Controller", "Data Subject", "Personal Data", "Personal Data Breach", "Processing" and "Processor" shall have the meanings given to them in the GDPR, and "Process" and "Processed" shall be construed accordingly.

**18.2** The Buyer and the Seller shall each Process Personal Data in order to perform their respective obligations under the contract. This Personal Data shall include the names, job titles and contact details of relevant personnel of the Buyer and the Seller (the "Common Data").

**18.3** The Buyer and the Seller acknowledge that the factual arrangement between them dictates the role of each party in respect of the Data Protection Laws. Notwithstanding the foregoing, both parties anticipate that, for the purposes of the contract, in most instances, the Buyer and the Seller shall each be a Controller of the Common Data in common with the other.

**18.4** In respect of the Common Data, the Seller and the Buyer shall each:

- (a) comply with their respective obligations under the Data Protection Laws;
- (b) use all reasonable efforts to assist the other to comply with such obligations as are respectively imposed on them by the Data Protection Laws; and

(c) ensure that all fair processing notices have been given (and/or, as applicable, consents obtained) and are sufficient in scope to enable the other party to Process the Common Data as required in order to obtain the benefit of its rights, and to fulfil its obligations, under the contract in accordance with the Data Protection Laws.

## **19. General**

**19.1** The invalidity or unenforceability for any reason of any terms of these Conditions shall not prejudice or affect the validity or enforceability of the remainder.

**19.2** The Buyer shall not be entitled, without the prior consent in writing of the Seller, to assign its rights under the contract.

**19.3** Any notice in legal proceedings, arbitration or other dispute resolution process to be given under these Conditions shall be in writing and shall be sent by recorded delivery, signed for on delivery, and addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving notice. In proving service it shall be sufficient to prove that the notice was properly addressed and posted and signed for. All other notices required or permitted to be given under these Conditions shall be in writing and may be sent by recorded delivery or e-mail to the other party at the relevant postal address, registered office or e-mail address (as the case may be) as may at the relevant time have been notified pursuant to this provision to the party giving notice. In proving service it shall be sufficient to prove, in the case of posting, that the notice was properly addressed and posted and in the case of e-mail, that no automatically generated out of office, bounce-back or similar notice has been received by the sender.

**19.4** No waiver by the Seller of any of the terms of these Conditions shall release the Buyer from full performance of the remaining terms, and no waiver by the Seller of any breach of the terms of these Conditions shall be a waiver of any subsequent breach of the same or any other term of this Conditions. No failure to exercise, nor delay or omission by the Seller in exercising, any right, power or remedy conferred on it under these Conditions or provided by law shall except with the express written consent of that party affect that right, power or remedy; or operate as a waiver of it.

**19.5** If any order is made by two or more Buyers jointly, the obligations of those Buyers under the contract shall be joint and several.

**19.6** This Contract shall be governed by and construed in accordance with the laws of England and any dispute shall be referred to the exclusive jurisdiction of the English Courts.

**19.7** The Seller and the Buyer do not intend that any provision of these Conditions shall be enforceable by virtue of the Contract (Rights of Third Parties) Act 1999 by any person who is not a party to the contract.

**19.8** We reserve the right, at our sole discretion, to change, modify or otherwise alter these terms and conditions at any time. Such modifications shall become effective immediately.



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National Heating Installer Hub: 01932 879070

Daikin Customer Contact Centre: 01932 879271

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