

Daikin Fan Coil Units

Brushless DC Motors for:

- Higher operational efficiency
- Greater comfort control
- Low sound levels



High-efficiency BLDC Fan Coil units for comfort cooling / heating

BLDC fan motors Video

Learn more on the advantages of BLDC fan motors in Fan coil units:

- **Higher efficiency than AC motor**
- **High comfort level**
- **Low sound levels**
- **High flexibility level**



Check on
YouTube

www.youtube.com/DaikinEurope



Benefits for the installer

- Reduced amount of sizes: less stock space needed
- Easy integration to BMS systems via modbus protocol

Benefits for the consultant

- Comprehensive range with single source of supply for all configurations
- Efficient BLDC fan motors for comfort and low sound levels

Benefits for the end user

- High comfort level
- Up to 70% savings on running costs
- Controller with timer programmed operating mode

Higher efficiency than AC (Alternative Current) motor

- Up to 70% energy savings
- No heat generation
- No power losses
- Higher efficiency than AC motors to reach set point
- Increased life expectancy > 10,000 hours

High comfort level

- Less fluctuation of air temperature and relative humidity
- More consistent output level
- Stepless speed change for gradual air output
- More accurate adjustments to reach set point

Low sound levels

- Lower minimum rotation speed
- No start-stop sequence
- Gradual air output

Product Overview

Fan Coil Units



SHINKA Split Electronic Fan Coil Unit Control

Main features FWEDA:

- Management of BLDC fan motor using 0-10V/DC
 - Management of on/off or proportional valves
 - Management of electric heater
 - Relative humidity control
 - Cooling/heating mode switching based on air or water temperature
 - Weekly timer programmed operation
 - Configurable digital output
 - Master/slave system on serial RS485
 - Master/slave up to 30 FCUs
 - BMS supervision system using Modbus RS485
- ### Main features SHINKATOUCH:
- Available in two different colours (White, Black)
 - 4.3" full colour touch display
 - Embedded user manual

Type	Model	Product name	Fan motor type	Capacity
Floor standing unit	<ul style="list-style-type: none"> - For vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels 	FWZ-AT/AF	BLDC	Cooling: 0.60 - 10.08 kW Heating: 0.69 - 11.18 kW
Flexi type unit	<ul style="list-style-type: none"> - For horizontal or vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels 	FWR-AT/AF	BLDC	Cooling: 0.60 - 10.08 kW Heating: 0.69 - 11.18 kW
Ducted unit	<ul style="list-style-type: none"> - For horizontal or vertical concealed mounting - Instant adjustment to temperature and relative humidity changes - Available static pressure up to 50 Pa - Low sound levels 	FWS-AT/AF	BLDC	Cooling: 0.60 - 10.08 kW Heating: 0.69 - 11.18 kW
Ducted unit	<ul style="list-style-type: none"> - For horizontal or vertical concealed mounting - Instant adjustment to temperature and relative humidity changes - Available static pressure up to 120 Pa - Easy maintenance 	FWP-CAT/CAF	BLDC	Cooling: 1.76 - 7.68 kW Heating: 1.81 - 7.84 kW
Ceiling mounted cassette	<ul style="list-style-type: none"> - 600 x 600 cassette - Integrated fresh air intake - Horizontal auto swing - Easy installation in corners - Standard drain pump with 750 mm lift 	FWN-AT/AF	BLDC	Cooling: 2.83 - 18.6 kW Heating: 3.23 - 19.2 kW
Ceiling mounted cassette	<ul style="list-style-type: none"> - 900 x 900 cassette - 360° air discharge ensures uniform air flow - Integrated fresh air intake - Easy installation in corners - Standard drain pump with 850 mm lift 	FWF-BT/BF	AC	Cooling: 1.4 - 5.2 kW Heating: 2.3 - 6.7 kW
Wall mounted unit	<ul style="list-style-type: none"> - High aesthetic cabinet design - Optimum air distribution - Easy installation - EC Fan - Built in valve kit 	FWT-HTV	BLDC	Cooling: 2.1 - 5.3 kW Heating: 1.96 - 6.24 kW

FWCOSA Controller Recommended



Capacity conditions

EUROVENT conditions

Cooling
27°C db / 19°C wb - Entering water 7°C - Leaving water 12°C

Heating 4 Pipe
20°C db - Entering water 70°C - Leaving water 60°C

Heating 2 Pipe
20°C db - Entering water 50°C - Flow rate as in cooling mode

TYPICAL UK cooling conditions

22°C db / 16.0°C wb - Entering water 7°C - Leaving water 12°C
0 Pa External Static Pressure
0% Glycol

FWP and FWN Ducted FCU - Above capacities are based on 30 Pa and 60 Pa External Static Pressure respectively
FWS Uncased - Based on 20 Pa external static

FWZ-AT/AF

Inverter Driven Floor Standing Fan Coil Units



SHINKATOUCHWA

SHINKATOUCHBA

BLDC fan motor unit for vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires very little installation space

Cased Low Wall Mount Type 2-pipe	FWZ02AT	FWZ03AT	FWZ06AT	FWZ08AT
Capacity (High Speed)	1.09	1.63	2.58	4.35
UK Total Cooling	kW			
Nominal Cooling	1.89	2.91	4.63	7.82
Nominal Heating	2.15	3.21	4.9	8.22
Height x Width x Depth	564 x 774 x 226	564 x 984 x 226	564 x 1190 x 226	564 x 1404 x 251
Weight	20.6	26.7	32.3	41.6
kg				
Sound Power	57/51/49	53/50/45	58/54/51	68/62/55
dBA				
Sound Pressure	43/37/35	39/37/36	44/40/37	54/48/41
dBA				
Air Flow Rate	344/271/211	442/341/241	785/605/470	1393/1022/642
m ³ /hr				
Water Connections	1/2	1/2	1/2	3/4
inch				
Electrical Data	Power Supply			
				1ph

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWZ02ATN	FWZ03ATN	FWZ06ATN	FWZ08ATN
	£396.00	£419.00	£485.00	£607.00

Cased Low Wall Mount Type 4-pipe	FWZ02AF	FWZ03AF	FWZ06AF	FWZ08AF
Capacity (High Speed)	0.98	1.60	2.54	4.27
UK Total Cooling	kW			
Nominal Cooling	1.70	2.86	4.55	7.69
Nominal Heating	1.70	2.61	4.59	7.30
Height x Width x Depth	564 x 774 x 226	564 x 984 x 226	564 x 1190 x 226	564 x 1404 x 251
Weight	20.6	26.7	32.3	41.6
kg				
Sound Power	56/51/49	53/50/45	59/54/50	68/62/55
dBA				
Sound Pressure	42/37/35	39/36/31	44/40/36	54/48/41
dBA				
Air Flow Rate	327/261/205	431/332/237	763/593/460	1362/1007/636
m ³ /hr				
Water Connections - CLG - HTG	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2
inch				
Electrical Data	Power Supply			
				1ph

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWZ02AFN	FWZ03AFN	FWZ06AFN	FWZ08AFN
	£432.00	£459.00	£543.00	£668.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWZ Accessories

Accessory Ref	02	03	06	08
2-pipe 3-way 230V on/off valve kits c/w lockshields	E2MV03A6 £175.00	E2MV06A6 £183.00	E2MV10A6 £175.00	E2MV10A6 £183.00
4-pipe 3-way 230V on/off valve kits c/w lockshields	E4MV03A6 £313.00	E4MV06A6 £313.00	E4MV10A6 £313.00	E4MV10A6 £313.00
Electric Heater	EEH02A6 £217.00	EEH03A6 £230.00	EEH06A6 £245.00	EEH10A6 £251.00
Fresh Air Intake	EFA02A6 £64.00	EFA03A6 £72.00	EFA06A6 £79.00	EFA10A6 £86.00
Rear Panel	ERP02A6 £32.00	ERP03A6 £35.00	ERP06A6 £43.00	ERP10A6 £54.00
Support Feet	ESFV06A6 £19.00	ESFV06A6 £19.00	ESFV10A6 £19.00	ESFV10A6 £19.00
Supporting Feet & Grille	ESFVG02A6 £27.00	ESFVG03A6 £32.00	ESFVG06A6 £39.00	ESFVG10A6 £52.00
Air Intake & Discharge Grille	EADF02A6 £149.00	EADF03A6 £180.00	EADF06A6 £234.00	EADF10A6 £277.00
Vertical Drainpan	EDPV6			
Condensate Drain Pump - 750mm Lift	CDRPTA		£5.00	
SHINKA Split Controller - Power Board	FWEDA		£183.00	
SHINKA Split Controller - Touch Screen Panel (White)	SHINKATOUCHWA		£148.00	
SHINKA Split Controller - Touch Screen Panel (Black)	SHINKATOUCHBA		£143.00	
Return Air Sensor	FWTSKA		£12.00	
Humidity Sensor	FWHSKA		£19.00	

Notes:

- i) In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units

FWR-AT/AF

Inverter Driven Flexi Fan Coil Units



SHINKATOUCHWA



SHINKATOUCHBA



BLDC fan motor unit for horizontal or vertical mounting. Continuous air flow regulation and fan speed modulation

- For wall or ceiling mounted installation: ideal solution for spaces with no false ceilings
- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires very little installation space

Cased Flexi Type 2-pipe		FWR02AT	FWR03AT	FWR06AT	FWR08AT
Capacity (High Speed)	UK Total Cooling	1.09	1.63	2.58	4.35
	kW				
	Nominal Cooling	1.89	2.91	4.63	7.82
	kW				
	Nominal Heating	2.15	3.21	4.90	8.22
	kW				
Dimensions	Height x Width x Depth	564 x 774 x 246	564 x 984 x 246	564 x 1190 x 246	564 x 1404 x 271
Weight	kg	21.2	27.5	33.6	43.1
Sound Power	High/Med/Low	57/51/49	53/50/45	58/54/41	68/62/55
	dBA				
Sound Pressure	High/Med/Low	43/37/35	39/37/36	44/40/37	54/48/41
	dBA				
Air Flow Rate	High/Med/Low	344/271/211	442/341/241	785/605/470	1393/1022/642
	m ³ /hr				
Water Connections	inch	1/2	1/2	1/2	3/4
Electrical Data	Power Supply	1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)		FWR02ATN	FWR03ATN	FWR06ATN	FWR08ATN
		£414.00	£448.00	£517.00	£661.00

Cased Flexi Type 4-pipe		FWR02AF	FWR03AF	FWR06AF	FWR08AF
Capacity (High Speed)	UK Total Cooling	0.98	1.60	2.54	4.27
	kW				
	Nominal Cooling	1.70	2.86	4.55	7.69
	kW				
	Nominal Heating	1.70	2.61	4.59	7.30
	kW				
Dimensions	Height x Width x Depth	564 x 774 x 246	564 x 984 x 246	564 x 1190 x 246	564 x 1404 x 271
Weight	kg	21.2	27.5	33.6	43.1
Sound Power	High/Med/Low	56/51/49	53/50/45	59/54/50	68/62/55
	dBA				
Sound Pressure	High/Med/Low	42/37/35	39/36/31	45/40/36	54/48/41
	dBA				
Air Flow Rate	High/Med/Low	327/261/205	431/332/227	763/593/460	1362/1007/636
	m ³ /hr				
Water Connections - CLG - HTG	inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2
Electrical Data	Power Supply	1ph			

Trade Fan Coil Price - Naked - No Valve (Base Unit)		FWR02AFN	FWR03AFN	FWR06AFN	FWR08AFN
		£454.00	£488.00	£574.00	£730.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWR Accessories

Accessory Ref	02	03	06	08
2-pipe 3-way 230V on/off valve kits c/w lockshields	E2MV03A6 £175.00	E2MV06A6 £175.00	E2MV10A6 £183.00	E2MV10A6 £183.00
4-pipe 3-way 230V on/off valve kits c/w lockshields	E4MV03A6 £313.00	E4MV06A6 £313.00	E4MV10A6 £330.00	E4MV10A6 £330.00
Electric Heater	EEH02A6 £217.00	EEH03A6 £230.00	EEH06A6 £245.00	EEH10A6 £251.00
Rear Panel	ERP02A6 £32.00	ERP03A6 £35.00	ERP06A6 £43.00	ERP10A6 £54.00
Air Intake & Discharge Grille	EADF02A6 £149.00	EADF03A6 £180.00	EADF06A6 £234.00	EADF10A6 £277.00
Vertical Drainpan	EDPV6	£5.00		
Horizontal Drainpan	EDPH6	£5.00		
Condensate Drain Pump - 750mm Lift	CDRPIA	£183.00		
SHINKA Split Controller - Power Board	FWEDA	£148.00		
SHINKA Split Controller - Touch Screen Panel (White)	SHINKATOUCHWA	£143.00		
SHINKA Split Controller - Touch Screen Panel (Black)	SHINKATOUCHBA	£143.00		
Return Air Sensor	FWTSA	£12.00		
Humidity Sensor	FWHSA	£19.00		

Notes:

- i) In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units

FWS-AT/AF

Inverter Driven Low Static Concealed Flexi Fan Coil Units



SHINKATOUCHWA



SHINKATOUCHBA

BLDC fan motor unit for horizontal or vertical concealed mounting. Continuous air flow regulation and fan speed modulation

- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Available static pressure up to 50Pa at maximum speed

Concealed Flexi Type 2-pipe	FWS02AT	FWS03AT	FWS06AT	FWS08AT
Capacity (High Speed)	1.10	1.64	2.60	4.38
UK Total Cooling	kW			
Nominal Cooling	kW	2.91	4.63	7.82
Nominal Heating	kW	3.21	4.90	8.22
Dimensions	Length x Width x Depth	564 x 794 x 224	564 x 1000 x 224	564 x 1214 x 249
Weight	kg	22.1	26.6	41.6
Sound Power	High/Med/Low	57/51/49	58/54/41	68/62/55
Sound Pressure	High/Med/Low	43/37/35	44/40/37	54/48/41
Air Flow Rate	High/Med/Low	344/271/211	442/341/241	785/605/470
Water Connections	inch	1/2	1/2	3/4
Electrical Data	Power Supply	1ph		

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWS02ATN	FWS03ATN	FWS06ATN	FWS08ATN
	£356.00	£380.00	£434.00	£543.00

Concealed Flexi Type 4-pipe	FWS02AF	FWS03AF	FWS06AF	FWS08AF
Capacity (High Speed)	0.99	1.62	2.56	4.30
UK Total Cooling	kW			
Nominal Cooling	kW	2.86	4.55	7.69
Nominal Heating	kW	2.61	4.59	7.30
Dimensions	Length x Width x Depth	564 x 584 x 224	564 x 1000 x 224	564 x 1214 x 249
Weight	kg	22.1	26.6	41.6
Sound Power	High/Med/Low	56/51/49	59/54/50	68/62/55
Sound Pressure	High/Med/Low	42/37/35	45/40/36	54/48/41
Air Flow Rate	High/Med/Low	327/261/205	431/332/237	763/593/460
Water Connections - CLG - HTG	inch	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2
Electrical Data	Power Supply	1ph		

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWS02AFN	FWS03AFN	FWS06AFN	FWS08AFN
	£391.00	£425.00	£488.00	£611.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWS Accessories

Accessory Ref	02	03	06	08
2-pipe 3-way 230V on/off valve kits c/w lockshields	E2MV03A6 £175.00	E2MV06A6 £175.00	E2MV10A6 £183.00	E2MV10A6 £183.00
4-pipe 3-way 230V on/off valve kits c/w lockshields	E4MV03A6 £313.00	E4MV06A6 £313.00	E4MV10A6 £330.00	E4MV10A6 £330.00
Electric Heater	EEH02A6 £217.00	EEH03A6 £230.00	EEH06A6 £245.00	EEH10A6 £251.00
Air Intake & Discharge Grille	EADF02A6 £149.00	EADF03A6 £180.00	EADF06A6 £234.00	EADF10A6 £277.00
Front Air Intake	CONV02A6 £20.00	CONV03A6 £22.00	CONV06A6 £25.00	CONV10A6 £28.00
Plenum Box With Circular Connections (FWS-A Only)	EPCC02A6 £77.00	EPCC03A6 £84.00	EPCC06A6 £108.00	EPCC10A6 £148.00
Vertical Drainpan	EDPV6 £5.00			
Horizontal Drainpan	EDPH6 £5.00			
Condensate Drain Pump - 750mm Lift	CDRP1A £183.00			
SHINKA Split Controller - Power Board	FWEDA £148.00			
SHINKA Split Controller - Touch Screen Panel (White)	SHINKATOUCHWA £143.00			
SHINKA Split Controller - Touch Screen Panel (Black)	SHINKATOUCHBA £143.00			
Return Air Sensor	FWTSA £12.00			
Humidity Sensor	FWHSA £19.00			

Notes:

- i) In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units.

FWP-CT/CF

Inverter Driven Medium Static Ducted Fan Coil Units



SHINKATOUCHWA



SHINKATOUCHBA



BLDC fan motor unit for horizontal concealed mounting. Continuous air flow regulation and fan speed modulation

- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Up to 50% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- 7-speed electrical motors (with thermal protection on windings)
- Available static pressure up to 80Pa at maximum speed

Concealed Ducted Type 2-pipe Capacity (High Speed)	FWP04CT	FWP05CT	FWP06CT	FWP08CT	FWP10CT	FWP11CT	FWP15CT	FWP17CT
UK Total Cooling	1.13	1.31	1.51	2.06	2.57	2.82	4.09	4.54
Nominal Cooling	1.95	2.34	3.04	3.79	4.75	5.35	7.38	8.28
Nominal Heating	1.99	2.35	3.1	4.31	5.17	5.49	7.80	8.46
Height x Width x Depth	250 x 758 x 665	250 x 968 x 665	250 x 968 x 665	250 x 968 x 665	280 x 1178 x 744	280 x 1178 x 744	280 x 1178 x 744	280 x 1178 x 744
Weight	24.4	25.4	33.0	36.0	45.0	45.0	51.0	51.0
Sound Power	52/49/28	52/50/39	56/52/38	56/52/38	56/55/38	56/55/38	69/63/61	69/63/61
Sound Pressure	44/41/20	46/42/31	50/44/30	50/44/30	50/47/30	50/47/30	61/55/33	61/55/33
Air Flow Rate	276/246/109	341/275/171	402/360/195	652/632/305	760/687/333	760/687/333	1289/1163/1050	1289/1163/1050
Water Connections	1/2							
Electrical Data	Power Supply							

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWP04CTN	FWP05CTN	FWP06CTN	FWP08CTN	FWP10CTN	FWP11CTN	FWP15CTN	FWP17CTN
	£540.00	£565.00	£643.00	£660.00	£703.00	£764.00	£916.00	£989.00

Concealed Ducted Type 4-pipe Capacity (High Speed)	FWP04CF	FWP05CF	FWP06CF	FWP08CF	FWP10CF	FWP11CF	FWP15CF	FWP17CF
UK Total Cooling	1.13	1.31	1.51	2.06	2.57	2.82	4.09	4.54
Nominal Cooling	1.91	2.31	2.72	3.75	4.72	5.32	7.38	8.28
Nominal Heating	2.06	2.32	3.29	4.24	5.45	5.45	7.06	7.06
Height x Width x Depth	250 x 758 x 665	250 x 968 x 665	250 x 968 x 665	250 x 968 x 665	280 x 1178 x 744	280 x 1178 x 744	280 x 1178 x 744	280 x 1178 x 744
Weight	25.8	26.8	34.6	37.6	47.5	47.5	53.5	53.5
Sound Power	52/49/28	52/48/39	54/50/39	56/52/38	56/55/38	56/55/38	69/63/61	69/63/61
Sound Pressure	44/41/20	46/40/31	46/42/31	50/44/30	50/47/30	50/47/30	61/55/33	61/55/33
Air Flow Rate	270/243/109	336/272/170	398/357/195	642/624/302	755/683/333	755/683/333	1289/1163/1050	1289/1163/1050
Water Connections - CLG - HTG	1/2 - 1/2							
Electrical Data	Power Supply							

Trade Fan Coil Price - Naked - No Valve (Base Unit)	FWP04CFN	FWP05CFN	FWP06CFN	FWP08CFN	FWP10CFN	FWP11CFN	FWP15CFN	FWP17CFN
	£607.00	£632.00	£722.00	£735.00	£864.00	£933.00	£1,009.00	£1,084.00

* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWP Accessories

Accessory Ref	04	05	06	08	10	11	15	17
3-way 230V on/off valve kits C/w lockshields (Cooling Coil)	E4V2N05OV3WA	E4V2N08OV3WA	E4V2N08OV3WA	E4V2N10A6	E4V2N10A6	E4V2N10A6	E4V2N10A6	E4V2N10A6
	£179.00	£181.00	£181.00	£183.00	£183.00	£183.00	£183.00	£183.00
3-way 230V on/off valve (Heating Coil)	E4VHN08OV3WA	E4VHN08OV3WA	E4VHN08OV3WA	E4VHN17OV3WA	E4VHN17OV3WA	E4VHN17OV3WA	E4VHN17OV3WA	E4VHN17OV3WA
	£165.00	£165.00	£165.00	£173.00	£173.00	£173.00	£173.00	£173.00
Pressure Independent Control Valve (2 Pipe Units)	FWBPVPC2V15	FWBPVPC2V15	FWBPVPC2V15	FWBPVPC2V20A	FWBPVPC2V20B	FWBPVPC2V25	FWBPVPC2V25	FWBPVPC2V25
	£255.00	£255.00	£255.00	£304.00	£304.00	£462.00	£462.00	£462.00
Pressure Independent Control Valve (4 Pipe Units)	FWBPVPC2V1015	FWBPVPC2V1515	FWBPVPC2V1515	FWBPVPC2V2015A	FWBPVPC2V2015	FWBPVPC2V2515	FWBPVPC2V2515	FWBPVPC2V2515
	£503.00	£510.00	£510.00	£558.00	£638.00	£717.00	£717.00	£717.00
Electric Heater	EH06OV3A	EH10OV36A	EH10OV36A	EH20OV36A	EH20OV36A	EH20OV36A	EH20OV36A	EH20OV36A
	£274.00	£274.00	£278.00	£281.00	£281.00	£281.00	£281.00	£281.00
Horizontal Drainpan	EDPD7	EDPD7	EDPD7	EDPD9	EDPD9	EDPD9	EDPD9	EDPD9
	£26.00	£26.00	£26.00	£32.00	£32.00	£32.00	£32.00	£32.00
G4 Filter Kit	FG4T1AA	FG4T2AA	FG4T2AA	FG4T3AA	FG4T3AA	FG4T3AA	FG4T3AA	FG4T3AA
	£76.00	£84.00	£84.00	£95.00	£95.00	£95.00	£95.00	£95.00
Plenum Box (Un-insulated) with circular connections	PLITNAA	PLITNAA	PLITNAA	PLIT3NAA	PLIT3NAA	PLIT3NAA	PLIT3NAA	PLIT3NAA
	£79.00	£79.00	£79.00	£109.00	£109.00	£132.00	£132.00	£132.00
Plenum Box (insulated) with circular connections	PLITCAA	PLITCAA	PLITCAA	PLIT3CAA	PLIT3CAA	PLIT3CAA	PLIT3CAA	PLIT3CAA
	£104.00	£104.00	£136.00	£136.00	£136.00	£159.00	£159.00	£159.00
Condensate Drain Pump - 750mm Lift	CDRPIA	CDRPIA	CDRPIA	£183.00	£183.00	£183.00	£183.00	£183.00
SHINKA Split Controller - Power Board	FWEDA	FWEDA	FWEDA	£148.00	£148.00	£148.00	£148.00	£148.00
SHINKA Split Controller - Touch Screen Panel (White)	SHINKATOUCHWA	SHINKATOUCHWA	SHINKATOUCHWA	£143.00	£143.00	£143.00	£143.00	£143.00
SHINKA Split Controller - Touch Screen Panel (Black)	SHINKATOUCHBA	SHINKATOUCHBA	SHINKATOUCHBA	£143.00	£143.00	£143.00	£143.00	£143.00
Return Air Sensor	FWTSA	FWTSA	FWTSA	£12.00	£12.00	£12.00	£12.00	£12.00
Humidity Sensor	FWHSA	FWHSA	FWHSA	£19.00	£19.00	£19.00	£19.00	£19.00

Notes:

- In order to benefit from stocked units, for enquiries with less than 30 units, base units with loose accessories to be field fitted will be supplied, while for more than 30 units, please refer the enquiry to Applied for project-managed, pre-configured units

FWN-AT/AF

High Static Ducted Fan Coil Units



SHINKATOUCHWA

SHINKATOUCHBA

BLDC fan motor unit for horizontal or vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- The air filter can easily be removed for cleaning
- Straight duct connector mounted to discharge side
- Available static pressure up to 120Pa at maximum speed

* Only valve and actuator are supplied.

Concealed Ducted Type 2-pipe	FWN04AT	FWN05AT	FWN06AT	FWN07AT	FWN08AT	FWN10AT	FWN12AT	FWN16AT	FWN18AT
Capacity (High Speed)	2.07	2.63	3.41	3.73	4.25	4.73	6.86	9.17	10.12
UK Total Cooling (High Speed)	3.80	4.65	6.02	6.66	7.58	8.50	12.20	16.80	18.60
Nominal Heating (High Speed)	4.05	4.83	6.42	7.26	7.88	8.93	12.70	17.30	19.10
Dimensions	280 x 754 x 559								
Height x Width x Depth	280 x 964 x 559								
Weight	32.5								
kg	33.3								
Sound Power	66 / 61 / 54								
High / Med / Low	69 / 63 / 59								
Sound Pressure	59 / 51 / 46								
High / Med / Low	55 / 55 / 53								
Air Flow Rate	802/700/534								
High / Med / Low	791/692/532								
Water Connections	3/4"								
Electrical Data	Power Supply								
	1ph								

Trade Fan Coil Price	£590.00	£633.00	£792.00	£927.00	£1,101.00	£1,165.00	£1,612.00	£1,807.00	£1,883.00
Concealed Ducted Type 4-pipe	FWN04AF	FWN05AF	FWN06AF	FWN07AF	FWN08AF	FWN10AF	FWN12AF	FWN16AF	FWN18AF
Capacity (High Speed)	2.15	2.62	3.35	3.67	4.19	4.65	6.77	9.13	10.07
UK Total Cooling (High Speed)	3.76	4.61	5.91	6.55	7.46	8.35	12.1	16.6	18.6
Nominal Heating (High Speed)	3.91	3.89	5.72	5.65	7.99	7.94	14.4	19.3	19.2
Dimensions	280 x 754 x 559								
Height x Width x Depth	280 x 964 x 559								
Weight	34.7								
kg	35.5								
Sound Power	66 / 61 / 54								
High / Med / Low	69 / 63 / 59								
Sound Pressure	59 / 51 / 46								
High / Med / Low	58 / 55 / 53								
Air Flow Rate	793/694/531								
High / Med / Low	1211/1115/1005								
Water Connections - CLG - HTG	3/4"								
Electrical Data	Power Supply								
	1ph								

Trade Fan Coil Price	£664.00	£728.00	£889.00	£966.00	£1,317.00	£1,337.00	£1,779.00	£1,987.00	£2,056.00
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* Alternative valve kits are available to satisfy specific project requirements, please consult Applied Department for further details.

FWN Accessories

Accessory Ref	04-05	06-07	08-10	12	16-18
2-pipe 3-way 230V on/off valve kits	ED2MV04A6	ED2MV10A6	ED2MV18A6*	ED2MV18A6*	ED2MV18A6*
c/w lockshields	£182.00	£182.00	£182.00	£191.00	£191.00
4-pipe 3-way 230V on/off valve kits	ED4MV04A6	ED4MV10A6	ED4MV18A6*	2 x ED2MV18A6*	2 x ED2MV18A6*
c/w lockshields	£353.00	£353.00	£353.00	£382.00	£382.00
Pressure Independent 2 Way Valves	FWDNVPC2V20	FWDNVPC2V25	FWDNVPC2V32	FWDNVPC2V32	FWDNVPC2V32
- 2 Pipe Units	£284.00	£368.00	£492.00	£492.00	£492.00
Pressure Independent 2 Way Valves	FWDNVPC2V2015	FWDNVPC2V2520	FWDNVPC2V3220	FWDNVPC2V3225	FWDNVPC2V3225
- 4 Pipe Units	£504.00	£617.00	£736.00	£852.00	£852.00
Electric Heater (Standard)	EDEH04A6	EDEHS06A6	EDEHS10A6	EDEHS12A6	EDEHS18A6
	£319.00	£463.00	£485.00	£490.00	£536.00
Fresh Air intake Kit	EDMFA04A6	EDMFA06A6	EDMFA10A6	EDMFA12A6	EDMFA18A6
	£827.00	£837.00	£856.00	£899.00	£921.00
G4 Filter Kit	FSDG404A	FSDG406A	FSDG408A	FSDG412A	FSDG416A
	£20.00	£22.00	£23.00	£24.00	£17.00
Vertical Drain Pan	EDDPV10A6	EDDPV18A6	EDDPV18A6	EDDPV18A6	EDDPV18A6
	£15.00	£15.00	£15.00	£15.00	£15.00
Horizontal Drain Pan	EDDPH10A6	EDDPH18A6	EDDPH18A6	EDDPH18A6	EDDPH18A6
	£19.00	£19.00	£19.00	£19.00	£19.00
Condensate Drain Pump - 750mm Lift	CDRP1A	CDRP1A	CDRP1A	CDRP1A	CDRP1A
	£183.00	£183.00	£183.00	£183.00	£183.00
SHINKA Split Controller - Power Board	FWEDA	FWEDA	FWEDA	FWEDA	FWEDA
	£148.00	£148.00	£148.00	£148.00	£148.00
SHINKA Split Controller - Touch Screen Panel (White)	SHINKATOUCHWA	SHINKATOUCHWA	SHINKATOUCHWA	SHINKATOUCHWA	SHINKATOUCHWA
	£143.00	£143.00	£143.00	£143.00	£143.00
SHINKA Split Controller - Touch Screen Panel (Black)	SHINKATOUCHBA	SHINKATOUCHBA	SHINKATOUCHBA	SHINKATOUCHBA	SHINKATOUCHBA
	£143.00	£143.00	£143.00	£143.00	£143.00
Return Air Sensor	FWTSA	FWTSA	FWTSA	FWTSA	FWTSA
	£12.00	£12.00	£12.00	£12.00	£12.00
Humidity Sensor	FWHSA	FWHSA	FWHSA	FWHSA	FWHSA
	£19.00	£19.00	£19.00	£19.00	£19.00

FWF-BT/BF

600 Sq Cassette Fan Coil Units



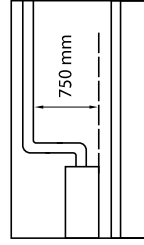
BRC7E530



BRC1HF7

AC fan motor unit for ceiling mounting.
Possibility to shut 1 or 2 louvres

- Modern style decoration panel in white (RAL9010)
- Compact casing (570mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Comfortable horizontal auto swing ensures draughtfree operation and prevents ceiling soiling
- Optional fresh air intake
- Possibility to shut 1 or 2 louvres for easy installation in corners
- Standard drain pump with 750mm lift increases flexibility and installation speed



600sq Cassette Type 2-pipe	FWF02BT	FWF03BT	FWF04BT	FWF05BT
Capacity (High Speed)	UK Total Cooling kW 1.22	2.17	2.87	3.54
	Nominal Cooling kW 1.70	3.00	3.98	4.90
	Nominal Heating kW 2.40	3.05	4.61	5.60
Dimensions	Height mm 285	285	285	285
	Width mm 575	575	575	575
	Depth mm 575	575	575	575
Weight	kg 19	19	19	19
	Sound Power High/Med/Low dBA 44/30/36	44/30/38	50/44/36	55/49/42
Sound Pressure	High/Med/Low dBA 30/26/22	30/26/24	36/30/22	41/35/28
	Air Flow Rate High/Med/Low m ³ /hr 456/384/300	468/390/318	660/486/318	876/648/420
Water Connections	inch	3/4" BSP Female		
Electrical Data	Power Supply	1 ph		

Chilled Water Cassette Trade Price	FWF02BF	FWF03BF	FWF04BF	FWF05BF
Decoration Panel Trade Price (BYFQ60B3)	£597.00	£638.00	£673.00	£708.00
Total Cassette Trade Price	£271.00	£271.00	£271.00	£271.00
	£868.00	£909.00	£944.00	£979.00

600sq Cassette Type 4-pipe	FWF02BF	FWF03BF	FWF04BF	FWF05BF
Capacity (High Speed)	UK Total Cooling kW 1.28	2.09	2.73	3.29
	Nominal Cooling kW 1.79	2.90	3.78	4.57
	Nominal Heating kW 3.30	3.60	4.70	5.70
Dimensions	Height mm 285	285	285	285
	Width mm 575	575	575	575
	Depth mm 575	575	575	575
Weight	kg 19	19	19	19
	Sound Power High/Med/Low dBA 44/30/36	46/42/38	52/46/41	57/51/44
Sound Pressure	High/Med/Low dBA 30/26/22	30/26/24	36/30/22	41/35/28
	Air Flow Rate High/Med/Low m ³ /hr 468/390/318	438/366/300	618/456/300	822/612/390
Water Connections - CLG - HTG	inch	3/4" BSP Female		
Electrical Data	Power Supply	1 ph		

Chilled Water Cassette Trade Price	FWF02BF	FWF03BF	FWF04BF	FWF05BF
Decoration Panel Trade Price (BYFQ60B3)	£651.00	£694.00	£724.00	£758.00
Total Cassette Trade Price	£271.00	£271.00	£271.00	£271.00
	£922.00	£965.00	£995.00	£1,029.00

FWF Accessories

Accessory Ref	List Price
Remote wired controller (Madoka)	£109.00
Wireless remote control cooling only	£183.00
Wireless remote control heat pump	£192.00
Remote air sensor	£71.00
Unit/Group adapter pcb	£101.00
Optional pcb for connection to ModBus	£78.00
2-Way 230V on/off valve kit	£87.00
3-Way 230V on/off valve kit	£88.00
Valve control PCB	£150.00
Installation box for EKR1C11 valve PCB	£66.00

Notes:

- It is not possible to combine both VRV and water-based fan coils on the same F1/F2 line.
- FWF Valve Control Requirements**
- 2 pipe unit:**
 1 x valve kit EKMV3C09B, or
 1 x valve kit EKMV2C09B,
 + 1 x installation box for PCB KRP1BB101
 + 1 x valve control PCB EKR1C11
- 4 pipe unit:**
 2 x valve kit EKMV3C09B, or
 2 x valve kit EKMV2C09B,
 + 1 x installation box for PCB KRP1BB101
 + 1 x valve control PCB EKR1C11

FWC-BT/BF

Cassette Fan Coil Units



BRC7F532F



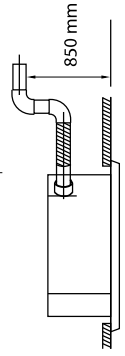
BRC1HF

BLDC fan motor unit for ceiling mounting, 360° air discharge

- 360° air discharge ensures uniform air flow and temperature distribution
- Modern style decoration panel in white (RAL9010)
- Optional fresh air intake
- Comfortable horizontal air discharge ensures draught free operation and prevents ceiling soiling



- Possibility to shut 1 or 2 flaps for easy installation in corners
- Standard drain pump with 850mm lift increases flexibility and installation speed



Cassette Type 2-pipe	FWC06BT	FWC07BT	FWC08BT	FWC09BT
Capacity (High Speed)	3.99	4.43	5.20	5.88
UK Total Cooling	kW			
Nominal Cooling	kW	6.10	7.20	8.10
Nominal Heating	kW	6.80	7.70	10.60
Dimensions				
Height	288	288	288	288
Width	840	840	840	840
Depth	840	840	840	840
Weight	29	29	29	29
Sound Power	High/Med/Low	43/36/31	53/44/36	57/49/40
Sound Pressure	High/Med/Low	29/24/21	33/28/22	43/37/28
Air Flow Rate	High/Med/Low	1068/894/720	1236/1038/834	1518/1200/888
Water Connections				1776/1410/1044
Electrical Data	Power Supply	3/4" BSP Female		
		1 ph		

Chilled Water Cassette Trade Price	£719.00	£766.00	£810.00	£851.00
Decoration Panel Trade Price (BYCQ140C)	£207.00	£207.00	£207.00	£207.00
Total Cassette Trade Price	£926.00	£973.00	£1,017.00	£1,058.00

Cassette Type 4-pipe	FWC06BF	FWC07BF	FWC08BF	FWC09BF
Capacity (High Speed)	4.27	4.60	5.32	6.02
UK Total Cooling	kW			
Nominal Cooling	kW	6.30	7.20	8.30
Nominal Heating	kW	7.80	9.20	10.40
Dimensions				
Height	288	288	288	288
Width	840	840	840	840
Depth	840	840	840	840
Weight	29	29	29	29
Sound Power	High/Med/Low	43/36/33	53/44/36	47/49/40
Sound Pressure	High/Med/Low	29/24/21	33/28/22	43/37/28
Air Flow Rate	High/Med/Low	1032/864/708	1200/1002/804	1476/1164/852
Water Connections				1746/1374/1014
Electrical Data	Power Supply	3/4" BSP Female		
		1 ph		

Chilled Water Cassette Trade Price	£900.00	£959.00	£1,004.00	£1,046.00
Decoration Panel Trade Price (BYCQ140C)	£207.00	£207.00	£207.00	£207.00
Total Cassette Trade Price	£1,107.00	£1,166.00	£1,211.00	£1,253.00

FWC Accessories

Accessory Ref	List Price
Remote wired controller (Maddoka)	£109.00
Wireless remote control heat pump	£121.00
Remote air sensor	£60.00
Unit/Group adapter pcb	£101.00
Optional pcb for connection to ModBus	£78.00
Remote on/off control interface kit	£17.00
2-Way 230V on/off valve kit	£87.00
3-Way 230V on/off valve kit	£88.00
Valve control PCB	£150.00
Installation box for EKRP1C11 valve PCB	£41.00

Notes:

- i) It is not possible to combine both VRV and water based fan coils on the same F1/F2 line.

FWF Valve Control Requirements

- 2 pipe unit:
 - 1 x valve kit EKMV3C09B, or
 - 1 x valve kit EKMV2C09B,
 - + 1 x installation box for PCB KRP1H98A
 - + 1 x valve control PCB EKRP1C11
- 4 pipe unit:
 - 2 x valve kit EKMV3C09B, or
 - 2 x valve kit EKMV2C09B,
 - + 1 x installation box for PCB KRP1H98A
 - + 1 x valve control PCB EKRP1C11

FWT-HTV

Wall Mounted Fan Coil Units



BRC51D67



ARC485B2

BLDC fan motor unit for wall mounting

- High aesthetic cabinet design
- Optimum air distribution
- Easy to install
- Wireless remote control up to 9m distance
- Wide operating range
- Low operating sound level
- Insulated with self-extinguishing class 1 heat insulation
- Two stage filtration (Gin-Ion & PM 2.5)
- Flash Streamer technology
- Inbuilt 3-way control valve
- BMS controls (Modbus)

Cased High Wall Mount Type 2-pipe		FWT02HTV	FWT03HTV	FWT04HTV	FWT05HTV	FWT06HTV
Capacity (High Speed)	UK Total Cooling	1.5	1.67	2.12	2.87	3.32
	Nominal Cooling	2.43	2.07	2.61	3.56	4.19
	Nominal Heating	2.73	2.96	3.72	4.89	6.24
Dimensions	Height	288	288	317	317	317
	Width	870	870	1089	1089	1089
	Depth	234	234	275	275	275
Weight		10.0	10.0	14.6	14.6	14.6
Sound Power	High/Med/Low	46/43/39	49/44/39	55/52/45	55/51/48	59/54/51
Sound Pressure	High/Med/Low	34/29/25	35/30/26	42/39/32	42/38/34	46/42/39
Air Flow Rate	High/Med/Low	442/391/340	476/416/357	629/544/425	866/765/663	1053/883/782
Water Connections				3/4		
Drain Connection				16.5		
Electrical Data	Power Supply			1 ph		
Trade Fan Coil Price		£435.00	£453.00	£517.00	£627.00	£670.00

Loose Accessories / Options:

Accessory Ref		
Standard wired remote controller	BRC51D67	02-06
		£109.00
Wired remote controller	ARC485B2	£27.00
MODBUS Gateway	FCBAG	£40.00

Daikin Service for Applied Products

Chiller and AHU Commissioning

Daikin UK offers a full commissioning service for our Applied Product ranges to ensure these products are set up to perform as designed from equipment start-up. Equally, this service can be offered to fulfil seasonal commissioning requirements to optimise system operation.

Model	Description	Net Price
UK.FSCC/SMALL	Commissioning for small size chiller <90kW (price per chiller)	£1,040.00
UK.FSCC/MEDIUM	Commissioning for medium size chiller 90-999kW (price per chiller)	£1,407.00
UK.FSCC/LARGE	Commissioning for chiller large > 1000kW ~ (price per chiller)	£1,590.00
UK.FSCC/ADT	Commissioning For Modular AHU (Price per AHU)	£893.00
UK.FSCC/ADT/CH	Commissioning For Modular AHU and <70kW Chiller (Price per AHU)	£893.00
UK.FSCC/ADT/DX1	Commissioning For Modular AHU and 1 x Condensing Unit (Price per AHU)	£893.00
UK.FSCC/ADT/DX2	Commissioning For Modular AHU and 2 x Condensing Units (Price per AHU)	£1,313.00

Notes:

i) Commissioning is mandatory on all Chillers except for Mini Chillers as indicated on the product overview pages 288 - 289.

Daikin On Site Chiller and AHU Remote Monitoring

Daikin's remote cloud server collects operational data 24/7 from the control system of a Daikin chiller or air handling unit plant. Daikin then turns this real time data into useful information on a web user interface which can be viewed using standard web browsers, making it suitable for any web-compatible device accessed by users with predefined access roles.

Three versions of access levels are available: a PREMIUM version that offers full functionality (10 year data history, 500 data points, leak detection, trend analysis, etc.); a PARTNER version that offers core features (1 year data history and 200 data points); and a CONNECT version that offers core features (one year data history and 100 data points), suitable for smaller air handling units and chillers).

You can trust Daikin's remote monitoring to be secure in all aspects such as data privacy, data storage security and data transport.

The primary benefit of Daikin's remote monitoring system is that your system's data and process data are collected and stored centrally during the system's lifecycle. The data is available whenever needed to make evaluations and to provide valuable information about the system's operating state, reliability and efficiency.

Chiller and AHU Service and Maintenance

Daikin UK maintenance contracts ensure that the HVAC equipment is supported to keep it operating in peak condition. Our services aim to prevent small maintenance issues from becoming catastrophic system breakdowns that disrupt your customers' business operations.

Savings can be achieved by mitigating unexpected downtime and unnecessary equipment failures due to wear & tear

Longer life is achievable through preventative maintenance, lowering the cost of ownership allowing your business to focus resources elsewhere

Smarter functionality through regular inspections keeps the equipment in optimum condition for precise environmental control, minimising operational costs and reducing the number of unexpected breakdowns

Regulatory compliance F-Gas and quality checks are performed and recorded to ensure the safe operation of the equipment

For more information on our Service and Maintenance packages visit daikin.co.uk/service or contact our service team on servicesales@daikin.co.uk

Daikin's remote monitoring is designed to:

- Increase uptime, reduce unscheduled interruptions
- Optimise efficiency and reduce energy waste
- Increase lifetime and avoid wear by misuse
- Give insight into the optimum use of equipment, including advice from a Daikin expert

Combine Daikin's remote monitoring with a service programme best suited to your needs.

Model	Description	Net Price
UK.FS.DOS/PREMIUM	DoS Premium Version (Access per Chiller or AHU)	£451.00
UK.FS.DOS/PARTNER	DoS Partner Version (Access per Chiller or AHU)	£370.00
UK.FS.DOS/CONNECT	DoS Connect Version (Access per Chiller or AHU)	£120.00
UK.FS.DOS/INSTALL	One off cost per Chiller for installation of Modem if not undertaken at commissioning or existing unit	£407.00
UK.FS.DOS/MODEM	One off cost per Chiller for Modem if Option 155 (DoS Modem) not factory mounted If LAN available on site, Modem not required	£311.00

Note: Sim Cards are not supplied by Daikin for the above after sale options. When Daikin on-Site is fitted and activated, license is obligatory. With LAN plugged directly into the chiller controller, DoS Modem is not required.

Please contact your regional service department for further information on these services.

