

General Catalogue 2006

Issue one





DAIKIN AIRCONDITIONING UK LTD

Daikin Airconditioning UK Ltd is a wholly owned subsidiary of Daikin Europe NV. The focus of our business is sales and distribution of Daikin air conditioning products whilst fully utilising the advantage of our European Group Manufacturing Division. Daikin Airconditioning UK is a nation wide organisation with its headquarters in Weybridge, Surrey. Strategically situated regional sales offices achieve efficient response combined with administration, distribution and field quality services departments.

DAIKIN EUROPE NV

Daikin Europe NV is the European sales and manufacturing headquarters responsible for distribution of air conditioning equipment for residential, commercial and industrial use. As a 100% subsidiary of Daikin Industries Ltd (Japan), a global leader in the air conditioning systems industry, its main focus is to respond to the evolving requirements of customers throughout Europe, Russia, Africa and the Middle East.

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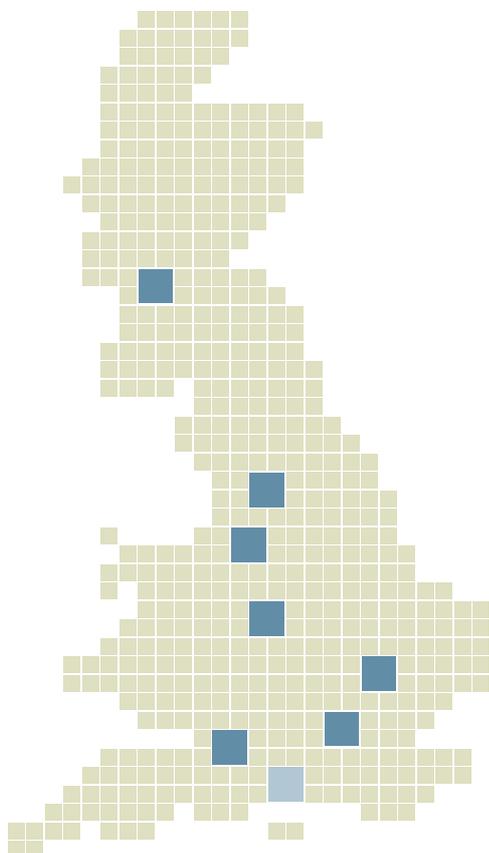
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To consult the explanation of the *pictogrammes*, please refer to page 126 of this catalogue.



Environmental awareness

**In all of us,
a green heart**



AIR CONDITIONING AND THE ENVIRONMENT

Air conditioning systems provide a significant level of indoor comfort, making possible optimum working and living conditions in the most extreme climates. In recent years, motivated by a global awareness of the need to reduce the burdens on the environment, some manufacturers including Daikin have invested enormous efforts in limiting the negative effects associated with the production and the operation of air conditioners. Hence, models with energy saving features and improved eco-production techniques have seen the light of day, making a significant contribution to limiting the impact on the environment.

DAIKIN'S COMMITMENT TO THE ENVIRONMENT

The pioneering concern for the environment and natural resources is a part of the entire global Daikin operation at all levels: from product design, manufacturing processes, down to the responsibility each individual Daikin employee takes for the environment.

This commitment is reflected in three areas: reducing waste in manufacturing and operations, recycling materials, and designing and producing energy-efficient climate control equipment.

REDUCING WASTE IN MANUFACTURING AND BUSINESS OPERATIONS

In 1998, Daikin Europe NV became the first air conditioning manufacturer in Europe to obtain ISO 14001 environmental certification. In addition, since 2004, not only the manufacturing plants but Daikin sales companies as well have obtained ISO 14001 certification, underlining Daikin's commitment to the environment at all levels of our organisation.

These certified environmental plans include the reduction of waste at all levels. Our environmental targets are high: Daikin Europe NV is committed to a zero waste policy whereby as much as possible of its by products can be reused, recycled or recovered as useful resources.

RECYCLING MATERIALS

Daikin Europe NV is firmly committed to recycling materials in all areas of its operations. Wastewater is treated before being discharged into the city drainage system, with the recovered sludge being a useful ingredient in cement manufacturing. Other waste is also carefully sorted and recycled, supported by a continually evolving factory layout that encourages the optimum use of resources. In addition to recycling, we invest significantly in returnable packaging. The same high demands are also imposed on our suppliers.

Eliminating waste and optimum recycling reduce raw material consumption and contribute to efficient manufacturing and operating processes, meaning fewer burdens on the environment.

ENERGY EFFICIENT CLIMATE CONTROL EQUIPMENT

Daikin's commitment to being a leader in environmental developments has led to a string of innovations in climate control equipment:

- Daikin's use of inverter technology for example reduces start-up time by 33% and allows the compressor to consume only the power it actually needs to meet the cooling/heating needs of the moment.
- Linking the use of inverter technology to reluctance DC compressor motors has further improved efficiency, allowing Daikin units to obtain the highest efficiency ratings in the market.
- Daikin also produces computerised air conditioning monitoring and control systems designed to ensure maximum energy efficiency at all times, such as Daikin's latest I-controller technology which offers customers refined and energy efficient control of Daikin heat recovery air conditioning installations, including remote monitoring via the Internet.

This list of innovations could be expanded endlessly. More importantly, it clearly demonstrates that technological innovation and concern for the environment can go hand in hand. At Daikin, these environmental priorities form an integral part of our corporate culture and are reflected in all of our products.

Choosing Daikin means you can be sure that the cooling systems you use are the safest possible for the environment.

Energy labeling

Energy labeling is part of a wider European Climate Change program that targets energy efficiency as one method of reducing CO₂ emissions in order to meet the targets of the Kyoto protocol. By this means the European Commission hopes that improved awareness will result in customers purchasing the most economical (ecological) answer to their needs.

WHAT?

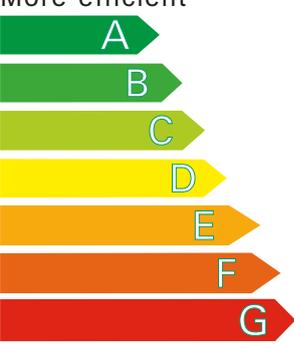
The energy label provides information on the energy consumption of the unit. Air conditioning units (with cooling capacity up to 12kW) are classified in seven different categories (A to G), according to their energy consumption and colour coded according to the category to which they belong. The most energy efficient units will be included in the A category, indicated by a green arrow on the label – less efficient units will belong in G class, indicated by a red arrow on the label. The end user can easily compare the efficiency of equal types of units from different brands.

WHAT IS MENTIONED ON THE LABEL?

Logo and name of manufacturer; name of indoor and outdoor unit (*)

ENERGY EFFICIENCY CLASS OF THE UNIT IN COOLING MODE:

	EER > 3.20
	3.20 ≥ EER > 3.00
	3.00 ≥ EER > 2.80
	2.80 ≥ EER > 2.60
	2.60 ≥ EER > 2.40
	2.40 ≥ EER > 2.20
	2.20 ≥ EER

Energy		Air-conditioner
Manufacturer Outside unit Inside unit		
More efficient 		
Less efficient		
Annual energy consumption, kWh in cooling mode <small>(Actual consumption will depend on how the appliance is used and climate)</small>		
Cooling output kW		
Energy efficiency ratio <small>Full load (the higher the better)</small>		
Type	Cooling only — Cooling + Heating — Air cooled — Water cooled —	
Heat output kW		
Heating performance <small>A: higher G: lower</small>		
Noise <small>(dB(A) re 1 pW)</small>		
Further information is contained in product brochures		
<small>Air-conditioner Energy Label Directive 2002/31/EC</small>		

INDICATED ANNUAL ENERGY CONSUMPTION

This figure indicates the approximate amount of energy consumed per year by the unit, based on a standard household model. The annual consumption is calculated by multiplying the total power input by an average of 500 hr per year IN COOLING MODE AT FULL LOAD.

In order to calculate the cost of annual energy consumption, you merely multiply this figure by your electricity tariff.

COOLING OUTPUT

Cooling output is defined as the cooling capacity in kW of the appliance, operating in cooling mode at full load. It is important to choose an air conditioning unit with a rated output sufficient for your cooling/heating requirements. An oversized unit can result in frequent on/off cycling, which shortens its service life - an undersized unit will not provide adequate cooling/heating. To determine the appropriate output, contact the manufacturer or your local dealer/installer.

ENERGY EFFICIENCY RATIO (EER)

This is the cooling output of the unit divided by the amount of electricity the unit requires to deliver it (total power input). In other words, the higher the EER, the greater the energy efficiency.

TYPE

TYPE OF UNIT: it indicates if the unit is a cooling only or cooling/heating system

COOLING MODE: it indicates if the unit is air cooled or water cooled

HEATING OUTPUT

Heating output is defined as the heating capacity in kW of the appliance, operating in heating mode at full load.

ENERGY EFFICIENCY CLASS OF THE UNIT IN HEATING MODE:

A	$COP > 3.60$
B	$3.60 \geq COP > 3.40$
C	$3.40 \geq COP > 3.20$
D	$3.20 \geq COP > 2.80$
E	$2.80 \geq COP > 2.60$
F	$2.60 \geq COP > 2.40$
G	$2.40 \geq COP$

Noise level: only for portable units.

(*): For multi-models Daikin chooses only to mention 1 outdoor unit with a maximum of 2 indoor units (wall mounted type) - for other units we refer to the multi brochure.



MC707BFVM

Photocatalytic air purifier



IMPROVED OUTLOOK

- New design aiming to suit better in any interior décor.

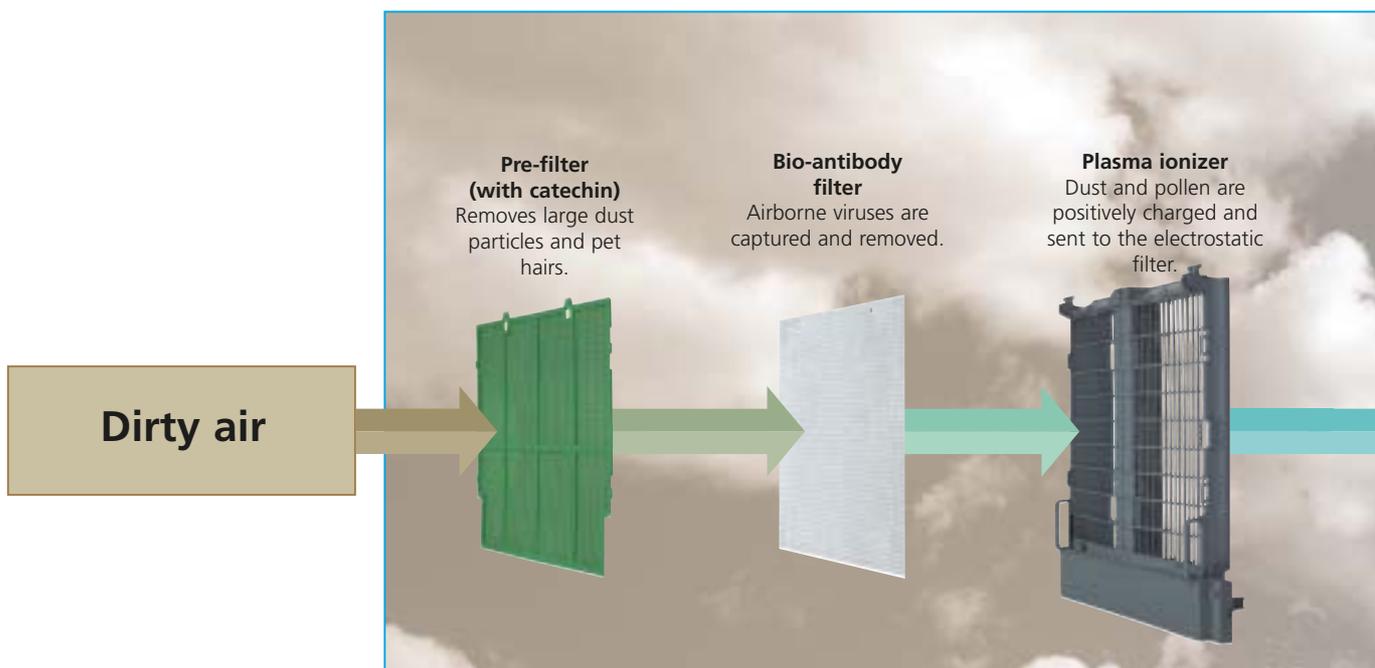
IMPROVED PERFORMANCES

- Due to the Daikin Flash Streamer technology:
 - a bigger number of allergens are resolved
 - adjuvant* decomposition performance improved
 - deodorising and disinfecting power increased

(*Adjuvant substances are substances that adhere to allergens, making them even more harmful, e.g. diesel exhaust particles.)

MORE COMFORT

- Extended applicable room size = up to 48 m²
- Quiet operation: 16dB(A) in silent mode





MC707BFVM

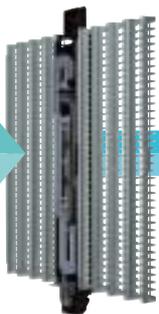
MC707BFVM

MODEL			MC707BFVM				
Power supply	1 ~, 220-240/220-230V, 50/60Hz						
Dimensions	HxWxD	mm	533x425x213				
Colour	Sparkling silver + metallic ocean blue						
Weight	Kg	8.7					
MODE (50HZ)		TURBO	H	M	L	SILENT	
Power input	kW	0.055	0.023	0.014	0.010	0.008	
Sound pressure level	dB(A)	47	38	31	24	16	
Sound power level	dB(A)	62	52	46	39	31	
Air flow rate	m ³ /h	420	285	180	120	60	
Dust collecting method	Plasma ionizer (electrostatic dust collection) + Electrostatic dust collection filter						
Deodorising	Method	Flash Streamer + Titanium Apatite Photocatalytic filter + Deodorising catalyst					
	Deodorising performance (%)	95					
	Regenerate method	The Flash Streamer activates the photocatalytic reaction.					
Filter	Dust collection and deodorisation	Form	Pleated filter				
		Function	Deodorisation + disinfection + dust collection + adjuvant removal				
		Lifetime	1 filter/1 year				
	Bio filter	New					
	Pre filter	Catechin pre-filter					

new → Flash Streamer unit

Flash Streamer discharge unit:

High-speed electrons are generated by the Flash Streamer. These electrons powerfully break down odours and formaldehyde.



Electrostatic dust collection filter

Positively charged dust and pollen are adsorbed by the negatively charged filter.

Front



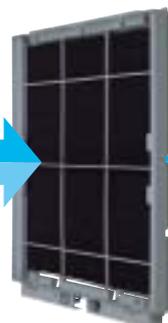
Back

Titanium Apatite Photocatalytic Filter

Odour, bacteria and viruses are adsorbed and decomposed.

Deodorising catalyst

Odours are adsorbed and broken down before the air is returned into the room.



Purified air



Daikin residential air conditioning is the modern, economic and efficient way to switch on to springtime - in the living room, dining room, kitchen or bedroom, night and day, throughout the year.

Daikin air conditioning units are easy to install, easy to use, ultra reliable, quiet running and come in an elegant and up to date range of wall, floor and ceiling mounted indoor models.

Also, the incorporation of inverter control enables Daikin to bring air conditioning technology of the future to the residential market today. Inverter control cuts start up time and energy consumption by almost a third, alters unit output to suit outdoor conditions, improves performance relative to power input, ensures a more even room temperature and eliminates power surges and stop/start cycles.

Residential & Commercial

1. Wall mounted units		5. 4-Way blow ceiling mounted cassettes		
new →	FTXG-E/RXG-E	14	FFQ-B/RKS-D/E	42
	FTKS-D/RKS-D/E	16	FFQ-B/RXS-D/E	43
	FTXS-D/RXS-D/E	17	FCQ-B/RKS-D/E	44
new →	FTKS-E/RKS-E	18	FCQ-B/RXS-D/E	45
new →	FTXS-E/RXS-E	19	FCQ-B/RR-B	46
new →	FTN-E/RN-E	20	FCQ-B/RQ-B	47
new →	FTYN-E/RYN-E	21	FCQ-B/RZQ-B	48
	FAQ-B/RR-B	22	FCQ-D/RZQ-B	49
	FAQ-B/RQ-B	23		
	FAQ-B/RZQ-B	24	6. 4-Way blow ceiling suspended cassettes	
2. Flexi type units			FUQ-B/RR-B	50
	FLKS-B/RKS-D/E	26	FUQ-B/RQ-B	51
	FLXS-B/RXS-D/E	27	FUQ-B/RZQ-B	52
3. Floor standing units			7. Ceiling suspended units	
	FVKS-B/RKS-D/E	28	FHQ-B/RKS-D/E	53
	FVXS-B/RXS-D/E	29	FHQ-B/RXS-D/E	54
			FHQ-B/RZQ-B	55
4. Concealed ceiling units			FHQ-B/RR-B	56
	FDKS-E/C/RKS-D/E	30	FHQ-B/RQ-B	57
	FDXS-E/C/RXS-D/E	31	TWIN/TRIPLE/DOUBLE TWIN APPLICATION	
	FDBQ-B/MKS-D/E	32	Possible combinations	59
	FDBQ-B/MXS-D/E	33	RZQ-B	59
	FBQ-B/RKS-D/E	34	RR-B7	60
	FBQ-B/RXS-D/E	35	RQ-B7	61
	FBQ-B/RR-B	36	RP-B	62
	FBQ-B/RQ-B	37	RYP-B	63
	FBQ-B/RZQ-B	38	MULTI MODEL APPLICATION	
	FDQ-B/RR-B	39		
	FDQ-B/RQ-B	40	new → MKS-D/E	66
	FDQ-B/RZQ-B	41	new → MXS-D/E	68
			AIR HANDLING UNIT CONNECTIONS	
			new → ERX	72
			new → AIR HANDLING APPLICATIONS (MULTI)	73



FTXG-E / RXG-E CTXG-E / MXS-D/E

Wall mounted unit



➔ new

FEATURES

1. STYLISH AND COMPACT DESIGN

Daikin succeeded in creating an indoor unit with such a sleek profile, that you won't believe it is an air conditioning unit.

In standby mode, the discharge opening is closed, resulting in a compact depth of only 15cm.

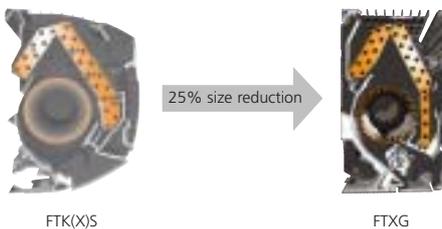
When starting the unit up, the entire front panel slides smoothly open.

For this model, Daikin even received the "Good Design Award 2004" in Japan.



This new stylish wall mounted model is available in 2 colour variations.

2. SENSATIONAL THINNING TECHNOLOGY



High efficiency slit fin heat exchanger:



Narrower gaps between the fins increase the available heat transfer surface area by 10%. The slit fin heat exchanger reduces air flow resistance to maintain top performance. The use of a single/dual row combined heat exchanger, makes an even thinner design possible.

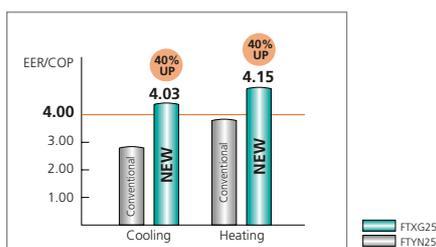
Miniature cross flow fan

The blade configuration has been optimized to achieve quiet operation and powerful air flow, while reducing the fan's diameter by 20% compared to conventional models.



3. SUPERB ENERGY EFFICIENCY

Daikin has further improved the energy efficiency. At the same time it realized substantial energy savings compared to conventional models by achieving an industrial top class EER of 4.03 and COP of 4.15.



These top of the class values are achieved by the following 3 technologies:

- PAM Inverter control**
 Pulse Amplitude Modulation control reduces energy loss by controlling how often the inverter switches on and off.
- Reluctance DC motor + DC Fan motor**
 Realizes high efficiency by applying reluctance torque to a DC motor for outdoor units. The DC fan motor and its fine rotation control greatly improves energy consumption.



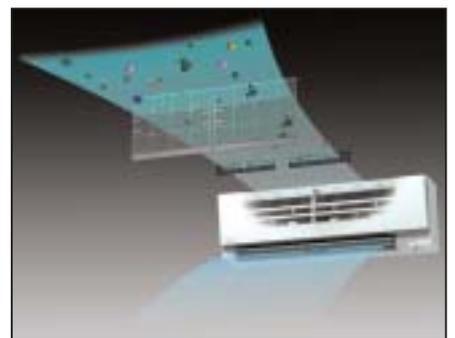
- Swing compressor**

Energy efficiency is increased by reducing operational friction and refrigerant gas leakage while minimizing the noise levels.



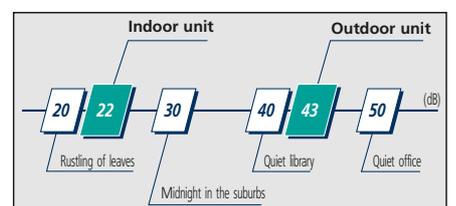
4. CLEAN AND COMFORTABLE AIR FLOW

For the first time in history, a titanium apatite photocatalytic air purification filter is integrated in an air conditioning unit. This to increase the active surface area for effective purification and deodorisation, even when a high volume of air is required.



Super quiet:

The indoor/outdoor unit silent operation function brings us comfort by offering an industry top-level quiet operation of 22dB(A) for the indoor unit and 43dB(A) for the outdoor unit.





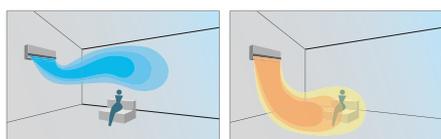
FTXG-E / RXG-E CTXG-E / MXS-D/E

RXG25,35E



Comfort mode:

The new wide-angle distribution flap reassures draught free operation. During cooling operation the flap angle turns horizontally to prevent cold air blowing directly on the body, while during heating operation it turns downward vertically to send the warm air directly to the feet.

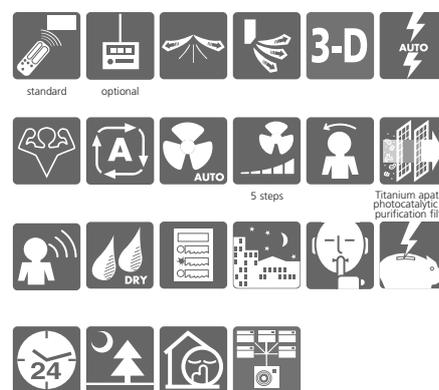


Cooling mode

Heating mode

3-D Air flow:

This function combines Vertical and Horizontal auto-swing to circulate a stream of cool/warm air right to the corners of even large spaces.



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FTXG25E-W/S	FTXG35E-W/S	CTXG50E-W/S
Cooling capacity	min ~ nom ~ max	kW	1.30 ~ 2.50 ~ 3.00	1.40 ~ 3.50 ~ 3.80	For more detailed information about capacities, power input, EER/COP, Energy label and Annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	
Heating capacity	min ~ nom ~ max	kW	1.30 ~ 3.40 ~ 4.50	1.40 ~ 4.20 ~ 5.00		
Nominal input	cooling	min ~ nom ~ max	0.30 ~ 0.62 ~ 0.95	0.30 ~ 1.06 ~ 1.29		
	heating	min ~ nom ~ max	0.29 ~ 0.82 ~ 1.42	0.31 ~ 1.13 ~ 1.56		
EER			4.03	3.30		
COP			4.15	3.72		
Energy label	cooling		A	A		
	heating		A	A		
Annual energy consumption	cooling	kWh	310	530		
Dimensions	HxWxD	mm	275x840x150			
Weight		kg	9			
Air flow rate	cooling	H/L/SL	m ³ /min	7.7/4.7/3.8	8.1/4.9/4.1	11.3/7.1/6.7
	heating	H/L/SL	m ³ /min	9.0/6.7/5.4	9.6/6.7/5.9	12.6/8.7/7.7
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	39/26/23	47/35/32
	heating	H/L/SL	dB(A)	38/28/25	39/29/26	47/35/32
Sound power level	cooling	H	dB(A)	56	57	64
Refrigerant type			R-410A			
Power supply		V1	1 ~, 220 ~ 240V, 50Hz			
Infrared remote control			ARC433A41			

Notes:

1) Energy label: scale from A (most efficient) to G (less efficient).

2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RXG25E	RXG35E	2,3,4,5MXS-D/E
Dimensions	HxWxD	mm	550x765x285			For more specifications, please refer to page 68 of this catalogue.
Weight		kg	32			
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	
	heating	H/L	dB(A)	47/44	48/45	
Sound power level	cooling	H	dB(A)	61	62	
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		
	heating	from ~ to	°CWB	-15 ~ 20		
Refrigerant type			R-410A			
Power supply		V1	1 ~, 220 ~ 240V, 50Hz			
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7	
Max. piping length/Max. level difference		m	20/15		30/20	



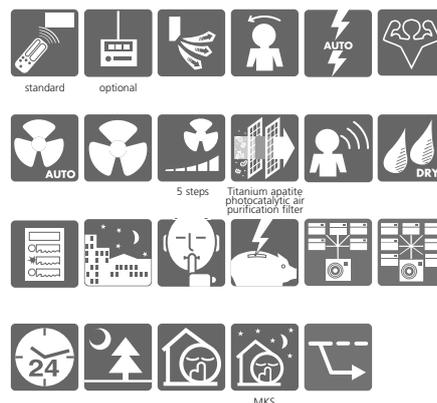
FTKS-D RKS-D/E

Wall mounted unit



- Flat front panel: stylish appearance and more easy to clean
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- ECONO mode decreases the power consumption so that other appliances that need large power consumption can be used. This function is also energy saving.
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor automatically saves power consumption in unoccupied rooms

- Dual air discharge flow for better air distribution
- COMFORT mode reassures draught free operation
- Titanium apatite photocatalytic air purification filter: this filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



COOLING ONLY

INVERTER

new ↗

INDOOR UNIT (air cooled)			FTKS20DW/L	FTKS25DW/L	FTKS35DW/L	FTKS50DW/L
Cooling capacity	min~nom~max	kW	13~2.0~2.6	13~2.5~3.0	14~3.4~3.8	2.0~5.0~5.2
Nominal input	min~nom~max	kW	0.30~0.49~0.83	0.30~0.685~0.96	0.30~1.045~1.27	0.50~1.65~1.82
EER			4.08	3.65	3.25	3.03
Energy label			A	A	A	B
Annual energy consumption		kWh	245	343	523	825
Dimensions	HxWxD	mm		283x800x195		283x800x195
Weight		kg	9	9	9	9
Air flow rate	H/L/SL	m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.9/4.0	11.4/7.1/6.2
Sound pressure level	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
Sound power level	H	dB(A)	56	56	57	62
Refrigerant type			R-410A			R-410A
Power supply		VM/V1	1~, 220-240/220-230V, 50/60Hz			1~, 220-240, 50Hz
Infrared remote control			ARC433A43			ARC433B43

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RKS20D	RKS25D	RKS35D	RKS50E
Dimensions	HxWxD	mm		550x765x285		735x825x300
Weight		kg	30			47
Sound pressure level	H/L	dB(A)	46/43	46/43	47/44	47/44
Sound power level	H	dB(A)	61	61	62	61
Operation range		°CDB		-10~46		(-15°) -10~46
Refrigerant type			R-410A			R-410A
Power supply		VM/V1	1~, 220-240/220-230V,			1~, 220-240, 50Hz
Piping connections	liquid/gas	mm	ø6.4/ø9.5			ø6.4/ø12.7
Max. piping length/Max. level difference		m	20/15			30/20

* Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



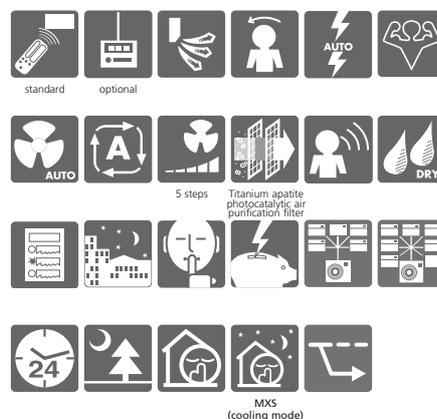
FTXS-D RXS-D/E

Wall mounted unit



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- Dual air discharge flow for better air distribution
- COMFORT mode reassures draught free operation
- Titanium apatite photocatalytic air purification filter: this filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



HEAT PUMP

INVERTER

new →

INDOOR UNIT (air cooled)			FTXS20DW/L	FTXS25DW/L	FTXS35DW/L	FTXS50DW/L	
Cooling capacity	min ~ nom ~ max	kW	13 ~ 2.0 ~ 2.6	13 ~ 2.5 ~ 3.0	14 ~ 3.4 ~ 3.8	2.0 ~ 5.0 ~ 5.2	
Heating capacity	min ~ nom ~ max	kW	13 ~ 2.7 ~ 4.1	13 ~ 3.4 ~ 4.5	1.4 ~ 4.0 ~ 5.0	2.0 ~ 5.8 ~ 6.0	
Nominal input	cooling	min ~ nom ~ max	0.30 ~ 0.49 ~ 0.83	0.30 ~ 0.685 ~ 0.96	0.30 ~ 1.045 ~ 1.27	0.50 ~ 1.65 ~ 1.82	
	heating	min ~ nom ~ max	0.29 ~ 0.66 ~ 1.30	0.29 ~ 0.92 ~ 1.43	0.31 ~ 1.155 ~ 1.56	0.52 ~ 2.06 ~ 2.19	
EER			4.08	3.65	3.25	3.03	
COP			4.09	3.70	3.46	2.82	
Energy label	cooling		A	A	A	B	
	heating		A	A	B	D	
Annual energy consumption	cooling	kWh	245	343	523	825	
Dimensions	HxWxD	mm	283x800x195			283x800x195	
Weight		kg	9	9	9	9	
Air flow rate	cooling	H/L/SL	m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7/6.2
	heating	H/L/SL	m ³ /min	9.4/5.8/5.0	9.4/5.8/5.0	9.7/6.0/5.2	11.4/7/6.3
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
	heating	H/L/SL	dB(A)	38/28/25	38/28/25	39/29/26	46/34/31
Sound power level	cooling	H	dB(A)	56	56	57	62
Refrigerant type			R-410A			R-410A	
Power supply		VM/V1	1 ~, 220-240/220-230V, 50/60Hz			1 ~, 220-240, 50Hz	
Infrared remote control			ARC433A50			ARC433B50	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RXS20D	RXS25D	RXS35D	RXS50E
Dimensions	HxWxD	mm	550x765x285			735x825x300
Weight		kg	30			48
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/44
	heating	H/L	dB(A)	47/44	48/45	48/45
Sound power level	cooling	H	dB(A)	61	62	61
Operation range	cooling		°CDB	-10 ~ 46		-10 ~ 46
	heating		°CWB	-15 ~ 20		-15 ~ 18
Refrigerant type			R-410A			R-410A
Power supply		VM/V1	1 ~, 220-240/220-230V, 50/60Hz			1 ~, 220-240, 50Hz
Piping connections	liquid/gas	mm	ø6.4/ø9.5			ø6.4/ø12.7
Max. piping length/Max. level difference		m	20/15			30/20



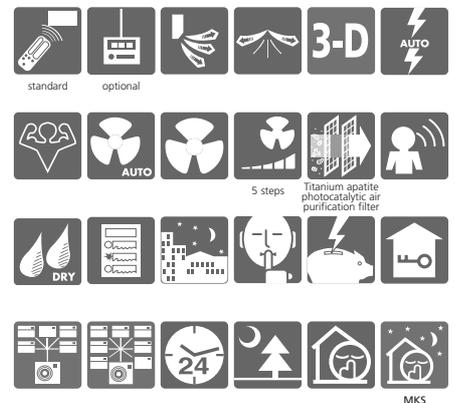
FTKS-E/RKS-E

Wall mounted unit

new ➔



- Flat front panel: stylish appearance and more easy to clean
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor automatically saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- 3D-air flow
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FTKS60E	FTKS71E
Cooling capacity	min ~ nom ~ max	kW	2.0 ~ 6.0 ~ 6.7	4.0 ~ 7.1 ~ 8.5
Nominal input	min ~ nom ~ max	kW	0.50 ~ 1.99 ~ 2.40	2.52
EER			3.02	2.82
Energy label			B	C
Annual energy consumption		kWh	995	1,260
Dimensions	HxWxD	mm	290x1,050x238	
Weight		kg	12	
Air flow rate	H/L/SL	m ³ /min	16.2 ~ 11.4 ~ 10.2	16.7 ~ 11.6 ~ 10.6
Sound pressure level	H/L/SL	dB(A)	45/36/33	46/37/34
Sound power level	H	dB(A)	61	63
Refrigerant type			R-410A	
Power supply		V1	1 ~, 220 ~ 240V, 50Hz	
Infrared remote control			ARC433B21	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RKS60E	RKS71E
Dimensions	HxWxD	mm	735x825x300	
Weight		kg	47	55
Sound pressure level	H/L	dB(A)	49/46	52/49
Sound power level	H	dB(A)	63	66
Operation range	from ~ to	°CDB	(-15*) ~ 10 ~ 46	
Refrigerant type			R-410A	
Power supply		V1	1 ~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas	mm	ø6.4/ø12.7	ø6.4/ø15.9
Max. piping length/Max. level difference		m	30/20	

* Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



FTXS-E / RXS-E

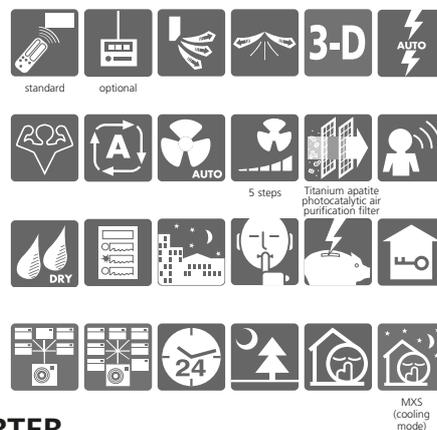
Wall mounted unit

new ➔



- Flat front panel: stylish appearance and more easy to clean
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor automatically saves power consumption in unoccupied rooms

- Dual air discharge flow for better air distribution
- 3D-air flow
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)			FTXS60E	FTXS71E
Cooling capacity	min ~ nom ~ max	kW	2.0 ~ 6.0 ~ 6.7	4.0 ~ 7.1 ~ 8.5
Heating capacity	min ~ nom ~ max	kW	2.0 ~ 7.0 ~ 8.0	4.0 ~ 8.2 ~ 10.0
Nominal input	cooling	kW	0.50 ~ 1.99 ~ 2.40	2.52
	heating	kW	0.50 ~ 2.04 ~ 2.81	2.54
EER			3.02	2.82
COP			3.43	3.23
Energy label	cooling		B	C
	heating		B	C
Annual energy consumption	cooling	kWh	995	1260
Dimensions	HxWxD	mm	290x1,050x238	
Weight		kg	12	
Air flow rate	cooling	H/L/SL	m ³ /min	16.2 ~ 11.4 ~ 10.2
	heating	H/L/SL	m ³ /min	17.4 ~ 12.7 ~ 11.4
Sound pressure level	cooling	H/L/SL	dB(A)	46/37/34
	heating	H/L/SL	dB(A)	46/37/34
Sound power level	cooling	H	dB(A)	63
Refrigerant type			R-410A	
Power supply		V1	1 ~, 220 ~ 240V, 50Hz	
Infrared remote control			ARC433822	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RXS60E	RXS71E
Dimensions	HxWxD	mm	735x825x300	
Weight		kg	48	55
Sound pressure level (night quiet mode)	cooling	H/L	dB(A)	52/49
	heating	H/L	dB(A)	52/49
Sound power level	cooling	H	dB(A)	66
Operation range	cooling	from ~ to	°CDB	-10 ~ 46
	heating	from ~ to	°CWB	-15 ~ 18
Refrigerant type			R-410A	
Power supply		V1	1 ~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas	mm	ø6.4/ø12.7	ø6.4/ø15.9
Max. piping length/Max. level difference		m	30/20	



FTN-E/RN-E

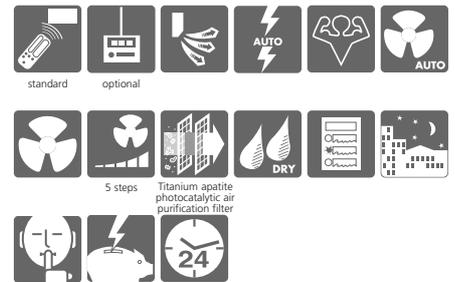
Wall mounted unit

new ➔



- Flat front panel: stylish and more easy to clean
- Lightweight and compact
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling

- Energy efficient
- Automatic air flow director ensures uniform air flow and temperature distribution



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FTN50E	FTN60E
Cooling capacity	nominal	kW	5.0	6.0
Nominal input	nominal	kW	1.55	1.99
EER			3.23	3.02
Energy label			A	B
Annual energy consumption		kWh	775	995
Dimensions	HxWxD	mm	290x1050x238	
Weight		kg	12	
Air flow rate	H/L	m ³ /min	14.7/10.3	16.2/11.4
Sound pressure level	H/L	dB(A)	43/34	45/36
Sound power level	H	dB(A)	59	61
Refrigerant type			R-410A	
Power supply		V1	1~, 220 ~ 240V, 50Hz	
Infrared remote control			ARC433823	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RN50E	RN60E
Dimensions	HxWxD	mm	735x825x300	
Weight		kg	47	
Sound pressure level	H	dB(A)	47	49
Sound power level	H	dB(A)	61	63
Operation range	from ~ to	°CDB	-10 ~ 46	
Refrigerant type			R-410A	
Power supply		V1	1~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas	mm	ø6.4/ø12.7	
Max. piping length/Max. level difference		m	30/20	



FTYN-E/RYN-E

Wall mounted unit

new ➔



- Flat front panel: stylish and more easy to clean
- Lightweight and compact
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling and/or heating

- Energy efficient
- Automatic air flow director ensures uniform air flow and temperature distribution



HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)

				FTYN50E	FTYN60E
Cooling capacity		nominal	kW	5.0	6.0
Heating capacity		nominal	kW	5.8	7.0
Nominal input	cooling	nominal	kW	1.55	1.99
	heating	nominal	kW	1.60	2.04
EER	cooling			3.23	3.02
COP	heating			3.63	3.43
Energy label	cooling			A	B
	heating			A	B
Annual energy consumption	cooling		kWh	775	995
Dimensions		HxWxD	mm	290x1050x238	
Weight			kg	12	
Air flow rate	cooling	H/L	m ³ /min	14.7/10.3	16.2/11.4
	heating	H/L	m ³ /min	16.1/11.5	17.4/12.7
Sound pressure level	cooling	H/L	dB(A)	43/34	45/36
	heating	H/L	dB(A)	42/33	44/35
Sound power level	cooling	H	dB(A)	59	61
Refrigerant type				R-410A	
Power supply				1 ~ 220 ~ 240V, 50Hz	
Infrared remote control				ARC433624	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT

				RYN50E	RYN60E
Dimensions		HxWxD	mm	735x825x300	
Weight			kg	48	
Sound pressure level	cooling	H	dB(A)	47	49
	heating	H	dB(A)	48	49
Sound power level	cooling	H	dB(A)	61	63
Operation range	cooling	from ~ to	°CDB	-10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 18	
Refrigerant type				R-410A	
Power supply				1 ~ 220 ~ 240V, 50Hz	
Piping connections		liquid/gas	mm	ø6.4/ø12.7	
Max. piping length/Max. level difference				30/20	



FAQ-B/RR-B

Wall mounted unit



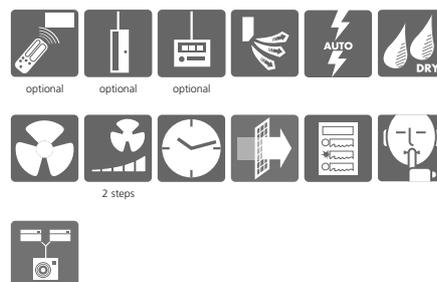
FAQ71B

RR71B



- Lightweight and compact
- Designed to allow maximum use of floor space
- The 71 class has a lightweight and compact casing
- Even air distribution via automatic movable louvre that can also be fixed at any desired angle

- The flap of the unit is closed when not operating
- The front panel of the casing (71 class) is easy removable and washable



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FAQ71B	FAQ100B
Cooling capacity	nominal	kW	7.0	10.0
Nominal input	nominal	kW	2.65/2.53	3.56/3.52
EER			2.68/2.81	2.81/2.84
Energy label			D/C	C/C
Annual energy consumption	cooling	kWh	1,325/1,265	1,780/1,760
Dimensions	HxWxD	mm	290x1,050x230	360x1,570x200
Weight		kg	13	26
Air flow rate	H/L	m ³ /min	19/15	23/19
Sound pressure level	H/L	dB(A)	43/37	45/41
Sound power level	H/L	dB(A)	59/53	61/57
Refrigerant type				R-410A
Power supply	V1			1 ~, 50Hz, 230V
Infrared remote control			BRC7E619	BRC7CS11
Wired remote control				BRC1D52

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RR71BV3/W1	RR100BV3/W1
Dimensions	HxWxD	mm	770x900x320	1170x900x320
Weight		kg	83/81	102/99
Sound pressure level	nominal	dB(A)	50	53
Sound power level	nominal	dB(A)	63	66
Operation range	from ~ to	°CDB		-15 ~ 46
Refrigerant type				R-410A
Power supply	V3/W1			1 ~, 50Hz, 230V/3N ~, 50Hz, 400V
Piping connections	liquid/gas	mm		ø9.52/ø15.9
Max. piping length/Max. level difference		m		70/30

FAQ-B/RQ-B

Wall mounted unit



FAQ71B

RQ71B



- Lightweight and compact
- Designed to allow maximum use of floor space
- The 71 class has a lightweight and compact casing
- Even air distribution via automatic movable louvre that can also be fixed at any desired angle

- The flap of the unit is closed when not operating
- The front panel of the casing (71 class) is easy removable and washable



HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)				FAQ71B		FAQ100B	
Cooling capacity		nominal		710		1000	
Heating capacity		nominal		8.00		11.20	
Nominal input	cooling	nominal		2.65/2.53		3.56/3.52	
	heating	nominal		2.58/2.49		3.96/3.82	
EER				2.68/2.81		2.81/2.84	
COP				3.10/3.21		2.83/2.93	
Energy label	cooling			D/C		C/C	
	heating			D/C		D/D	
Annual energy consumption	cooling		kWh	1,325/1,265		1,780/1,760	
Dimensions		HxWxD	mm	290x1,050x230		360x1,570x200	
Weight			kg	13		26	
Air flow rate	cooling	H/L	m ³ /min	19/15		23/19	
	heating	H/L	m ³ /min	19/15		23/19	
Sound pressure level	cooling	H/L	dB(A)	43/37		45/41	
	heating	H/L	dB(A)	43/37		45/41	
Sound power level	cooling	H/L	dB(A)	59/53		61/57	
	heating	H/L	dB(A)	59/53		61/57	
Refrigerant type						R-410A	
Power supply			V1			1 ~, 50Hz, 230V	
Infrared remote control				BRC7E618		BRC7CS10	
Wired remote control						BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RQ71BV3/W1		RQ100BV3/W1	
Dimensions		HxWxD	mm	770x900x320		1,170x900x320	
Weight			kg	84/83		103/101	
Sound pressure level	cooling	nominal	dB(A)	50		53	
Sound power level	cooling	nominal	dB(A)	63		66	
Operation range	cooling	from ~ to	°CDB			-5 ~ 46	
	heating	from ~ to	°CWB			-10 ~ 15	
Refrigerant type						R-410A	
Power supply			V3/W1			1 ~, 50Hz, 230V/3N ~, 400V, 50Hz	
Piping connections		liquid/gas	mm			ø9.52/ø15.9	
Max. piping length/Max. level difference			m			70/30	



FAQ-B/RZQ-B

Wall mounted unit



FAQ71B



RZQ71B

- Lightweight and compact
- Designed to allow maximum use of floor space
- The 71 class has a lightweight and compact casing
- Even air distribution via automatic movable louvre that can also be fixed at any desired angle

- The flap of the unit is closed when not operating
- The front panel of the casing (71 class) is easy removable and washable



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FAQ71B	FAQ100B
Cooling capacity	min ~ nom ~ max		kW	7.10 (nom.)	10.00 (nom.)
Heating capacity	min ~ nom ~ max		kW	8.00 (nom.)	11.20 (nom.)
Nominal input	cooling	nominal	kW	2.36	2.78
	heating	nominal	kW	2.42	3.39
EER				3.01	3.60
COP				3.31	3.30
Energy label	cooling			B	A
	heating			C	C
Annual energy consumption	cooling		kWh	1,180	1,390
Dimensions	HxWxD		mm	290x1,050x230	360x1,570x200
Weight			kg	13	26
Air flow rate	cooling	H/L	m ³ /min	19/15	23/19
	heating	H/L	m ³ /min	19/15	23/19
Sound pressure level	cooling	H/L	dB(A)	43/37	45/41
	heating	H/L	dB(A)	43/37	45/41
Sound power level	cooling	H/L	dB(A)	59/53	61/57
	heating	H/L	dB(A)	59/53	61/57
Refrigerant type				R-410A	
Power supply		V1		1 ~, 50Hz, 230V	
Infrared remote control	heat pump			BRC7E618	BRC7C510
Wired remote control				BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RZQ71B8V3	RZQ100B8V3/BW1
Dimensions	HxWxD		mm	770x900x320	1,345x900x320
Weight			kg	68	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)
	heating (night quiet mode)	H	dB(A)	49	51
Sound power level	cooling	H	dB(A)	63	65
Operation range	cooling	from ~ to	°CDB		-15 ~ 50
	heating	from ~ to	°CWB		-20 ~ 15.5
Refrigerant type				R-410A	
Power supply				1 ~, 230V, 50Hz	1 ~, 230V, 50Hz / 3N ~, 400V, 50Hz
Piping connections	liquid/gas		mm		ø9.52/ø15.9
Max. piping length/Max. level difference			m	50/30	75/30





FLKS-B/RKS-D/E

Flexi type unit



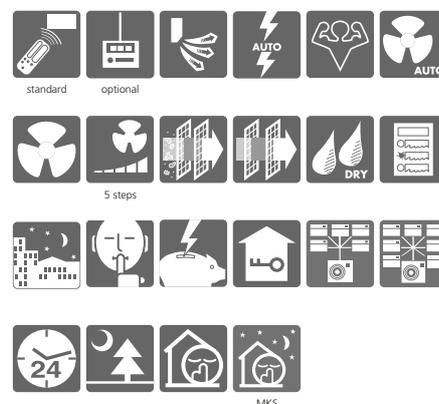
FLKS25,35B



RKS25,35D

- Can be fitted on either ceiling or lower part of wall (e.g. beneath a window)
- Consumes up to 30% less energy than non-inverter units
- Washable grille
- Achieves set temperature more quickly
- Automatic air flow director ensures uniform air flow and temperature distribution
- Home leave operation saves energy during absence

- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FLKS25B	FLKS35B	FLKS50B	FLKS60B
Cooling capacity	min~nom~max	kW	13~25~3.0	14~35~3.8	0.90~4.90~5.30	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.
Nominal input	min~nom~max	kW	0.30~0.78~0.96	0.30~1.16~1.27	0.45~1.72~1.95	
EER			3.21	3.02	2.85	
Energy label			A	B	C	
Annual energy consumption		kWh	390	580	860	
Dimensions	HxWxD	mm	490x1,050x200			
Weight		kg	16			17
Air flow rate	H/L/SL	m ³ /min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
Sound pressure level	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
Sound power level	H	dB(A)	53	54	63	64
Refrigerant type			R-410A			
Power supply			1~, 220-240/220-230V, 50/60Hz			
Infrared remote control		VM	ARC433A6			

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RKS25D	RKS35D	RKS50E	4MKS75/5MKS90E
Dimensions	HxWxD	mm	550x765x285		735x825x300	
Weight		kg	30	32	47	
Sound pressure level	cooling	H/L	46/43	47/44	47/44	
Sound power level	cooling	H	61	62	61	
Operation range	cooling	from~to	-10~46		(-15**)-10~46	
Refrigerant type			R-410A		R-410A	
Power supply		VM/V1	1~, 220-240/220-230V, 50/60Hz		1~, 220-240, 50Hz	
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7	
Max. piping length/Max. level difference		m	20/15		30/20	

* This information was not available at the time of publication.

** Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



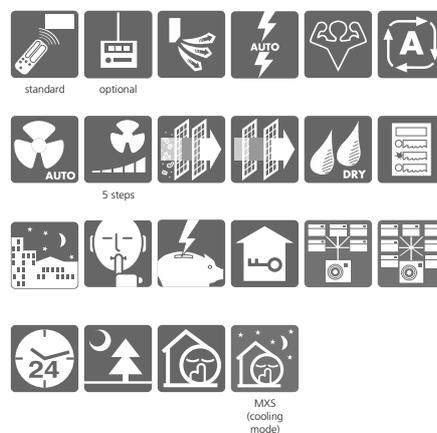
FLXS-B/RXS-D/E

Flexi type unit



- Can be fitted on either ceiling or lower part of wall (e.g. beneath a window)
- Consumes up to 30% less energy than non-inverter units
- Washable grille
- Achieves set temperature more quickly
- Automatic air flow director ensures uniform air flow and temperature distribution
- Home leave operation saves energy during absence

- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Cooling capacity		min ~ nom ~ max	kW	13 ~ 2.5 ~ 3.0	1.4 ~ 3.5 ~ 3.8	0.90 ~ 4.90 ~ 5.30	For more detailed information about capacities, power input, EER/COP, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.
Heating capacity		min ~ nom ~ max	kW	1.3 ~ 3.4 ~ 4.5	1.4 ~ 4.0 ~ 5.0	0.90 ~ 6.10 ~ 7.50	
Nominal input	cooling	min ~ nom ~ max	kW	0.30 ~ 0.78 ~ 0.96	0.30 ~ 1.16 ~ 1.27	0.45 ~ 1.72 ~ 1.95	
	heating	min ~ nom ~ max	kW	0.29 ~ 1.00 ~ 1.50	0.31 ~ 1.25 ~ 1.86	0.31 ~ 1.82 ~ 3.54	
EER	cooling			3.21	3.02	2.85	
COP	heating			3.42	3.21	3.35	
Energy label	cooling			A	B	C	
	heating			B	C	C	
Annual energy consumption	cooling		kWh	390	580	860	
Dimensions	HxWxD		mm	490x1,050x200			
Weight			kg	16			
Air flow rate	cooling	H/L/VSL	m ³ /min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
	heating	H/L/VSL	m ³ /min	9.2/7.4/6.6	9.8/8.0/7.2	12.1/7.5/6.8	12.8/8.4/7.5
Sound pressure level	cooling	H/L/VSL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
	heating	H/L/VSL	dB(A)	37/31/29	39/33/30	46/35/33	47/37/34
Sound power level	cooling	H	dB(A)	53	54	63	64
Refrigerant type				R-410A			
Power supply				1 ~, 220-240/220-230V, 50/60Hz			
Infrared remote control			VM	ARC433A5			

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

new ↗

new ↗

OUTDOOR UNIT				RXS25D	RXS35D	RXS50E	4MXS68,80/5MXS90E
Dimensions		HxWxD	mm	550x765x285			735x825x300
Weight			kg	30	32	48	Multi application only. For more specifications please refer to page 68 of this catalogue.
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/44	
	heating	H/L	dB(A)	47/44	48/45	48/45	
Sound power level	cooling	H	dB(A)	61	62	61	
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		-10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20		-15 ~ 18	
Refrigerant type				R-410A		R-410A	
Power supply			VM/V1	1 ~, 220-240/220-230V, 50/60Hz		1 ~, 220-240, 50Hz	
Piping connections	liquid/gas		mm	ø6.4/ø9.5		ø6.4/ø12.7	
Max. piping length/Max. level difference			m	20/15		30/20	

* This information was not available at the time of publication.



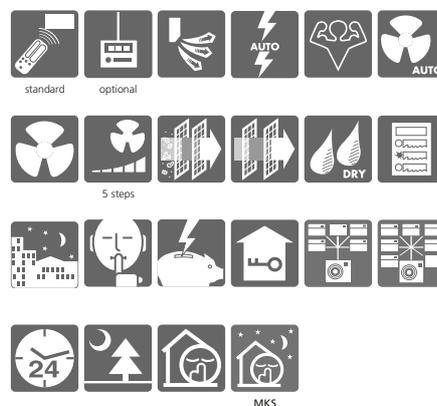
FVKS-B/RKS-D/E

Floor standing unit



- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Dual air discharge flow for better air distribution
- lightweight and compact
- Easily washable grille
- Can be installed against a wall or recessed

- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FVKS25B	FVKS35B	FVKS50B
Cooling capacity	min ~ nom ~ max	kW	13 ~ 2.5 ~ 3.0	14 ~ 3.5 ~ 3.8	0.90 ~ 4.80 ~ 5.30
Nominal input	min ~ nom ~ max	kW	0.30 ~ 0.70 ~ 0.92	0.30 ~ 1.09 ~ 1.25	0.45 ~ 1.70 ~ 2.35
EER			3.57	3.21	2.82
Energy label			A	A	C
Annual energy consumption		kWh	350	545	850
Dimensions	HxWxD	mm		600x650x195	
Weight		kg		13	
Air flow rate	H/L/SL	m ³ /min	8.1/4.3/3.4	8.1/4.3/3.4	10.8/7.7/6.7
Sound pressure level	H/L/SL	dB(A)	38/26/23	39/27/24	44/36/33
Sound power level	H	dB(A)	54	55	56
Refrigerant type				R-410A	
Power supply		VM		1 ~, 220-230/220-240V, 50/60Hz	
Infrared remote control				ARC433A6	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

new ⇨

OUTDOOR UNIT			RKS25D	RKS35D	RKS50E
Dimensions	HxWxD	mm		550x765x285	735x825x300
Weight		kg	30	32	47
Sound pressure level	H/L	dB(A)	46/43	47/44	47/44
Sound power level	H	dB(A)	61	62	61
Operation range	from ~ to	°CDB		-10 ~ 46	(-15**)-10 ~ 46
Refrigerant type				R-410A	R-410A
Power supply		VM/V1		1 ~, 220-240/220-230V, 50/60Hz	1 ~, 220-240, 50Hz
Piping connections	liquid/gas	mm		ø6.4/ø9.5	ø6.4/ø12.7
Max. piping length/Max. level difference		m		20/15	30/20

* This information was not available at the time of publication.

** Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



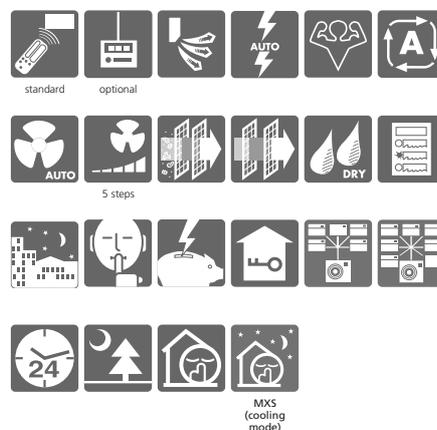
FVXS-B/RXS-D/E

Floor standing unit



- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Dual air discharge flow for better air distribution
- lightweight and compact
- Easily washable grille
- Can be installed against a wall or recessed

- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



HEAT PUMP

INDOOR UNIT (air cooled)			
Cooling capacity	min ~ nom ~ max		kW
Heating capacity	min ~ nom ~ max		kW
Nominal input	cooling	min ~ nom ~ max	kW
	heating	min ~ nom ~ max	kW
EER	cooling		
COP	heating		
Energy label	cooling		
	heating		
Annual energy consumption	cooling		kWh
Dimensions	HxWxD		mm
Weight			kg
Air flow rate	cooling	H/USL	m ³ /min
	heating	H/USL	m ³ /min
Sound pressure level	cooling	H/USL	dB(A)
	heating	H/USL	dB(A)
Sound power level	cooling	H	dB(A)
Refrigerant type			
Power supply			VM
Infrared remote control			

INVERTER

	FVXS25B	FVXS35B	FVXS50B	
Cooling capacity	1.3 ~ 2.5 ~ 3.0	1.4 ~ 3.5 ~ 3.8	0.90 ~ 4.80 ~ 5.30	
Heating capacity	1.3 ~ 3.4 ~ 4.5	1.4 ~ 4.5 ~ 5.0	0.90 ~ 6.00 ~ 7.70	
Nominal input	0.30 ~ 0.70 ~ 0.920	0.30 ~ 1.09 ~ 1.25	0.45 ~ 1.70 ~ 2.35	
EER	0.29 ~ 0.90 ~ 1.39	0.31 ~ 1.32 ~ 1.88	0.31 ~ 1.87 ~ 2.60	
COP	3.57	3.21	2.82	
Energy label	3.78	3.41	3.21	
Annual energy consumption	cooling			
	heating			
Dimensions		600x650x195		
Weight		13		
Air flow rate	cooling	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
	heating	9.2/4.8/3.5	9.2/5.0/3.6	13.2/9.4/8.3
Sound pressure level	cooling	38/26/23	39/27/24	44/36/33
	heating	38/26/23	39/29/36	45/36/33
Sound power level	cooling	54	55	56
Refrigerant type		R-410A		
Power supply		1 ~, 220-230/220-240V, 50/60Hz		
Infrared remote control		ARC433A5		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

new →

OUTDOOR UNIT				RXS25D	RXS35D	RXS50E
Dimensions	HxWxD		mm	550x765x285		735x825x300
Weight			kg	30	32	48
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/44
	heating	H/L	dB(A)	47/44	48/45	48/45
Sound power level	cooling	H	dB(A)	61	62	61
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		-10 ~ 46
	heating	from ~ to	°CWB	-15 ~ 20		-15 ~ 18
Refrigerant type				R-410A		R-410A
Power supply			VM/V1	1 ~, 220-240/220-230V, 50/60Hz		1 ~, 220-240, 50Hz
Piping connections	liquid/gas		mm	ø6.4/ø9.5		ø6.4/ø12.7
Max. piping length/Max. level difference			m	20/5		30/20

* This information was not available at the time of publication.



FDKS-E/C RKS-D/E

Slim concealed ceiling unit

new ➔



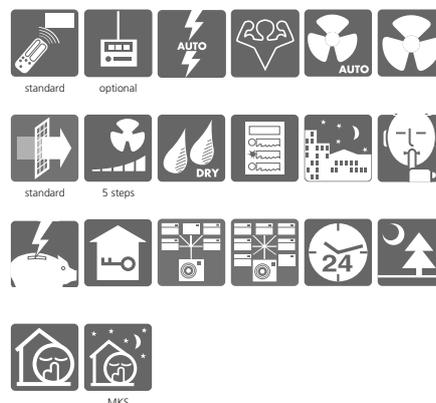
FDKS25,35E



RKS25,35D

- Slim design for flexible installation
- Compact dimensions: can easily be mounted in a ceiling void of only 240 mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Powerful mode can be selected for rapid cooling
- The home leave operation saves energy during absence

- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application and cooling only mode)
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



COOLING ONLY

INDOOR UNIT			FDKS25E	FDKS35E	FDKS50C	FDKS60C
Cooling capacity	min ~ nom ~ max	kW	13 ~ 24 ~ 3.0	14 ~ 34 ~ 3.8	20 ~ 5.0 ~ 5.3	20 ~ 6.0 ~ 6.5
Nominal input	min ~ nom ~ max	kW	0.30 ~ 0.845 ~ 1.06	0.30 ~ 1.30 ~ 1.455	0.50 ~ 1.65 ~ 1.93	0.50 ~ 2.13 ~ 2.49
EER			2.84	2.62	3.03	2.82
Energy label			C	D	B	C
Annual energy consumption		kWh	423	650	825	1,065
Dimensions	HxWxD	mm	200x700x620		200x900x620	200x1100x620
Weight		kg	21		27	30
Air flow rate	H/L/SL	m ³ /min	8.7 ~ 7.3 ~ 6.2	8.7 ~ 7.3 ~ 6.2	12.0 ~ 10.0 ~ 8.4	16.0 ~ 13.5 ~ 11.2
Sound pressure level	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	H	dB(A)	53	53	55	56
Refrigerant type			R-410A			
Power supply	V1/VM		1 ~, 220 ~ 240V, 50Hz		1 ~, 220 ~ 230/220-240V, 50/60Hz	
Infrared remote control			ARC433A8		ARC433A8	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RKS25D	RKS35D	RKS50E	RKS60E
Dimensions	HxWxD	mm	550x765x285		735x825x300		
Weight		kg	30		47		
Sound pressure level	cooling	H	46/43	47/44	47/44	49/46	
Sound power level	cooling	H	61	61	61	63	
Operation range	cooling	from ~ to	-10 ~ -46		(-15*) ~ -10 ~ -46		
Refrigerant type			R-410A				
Power supply		VM/V1	1 ~, 220 ~ 230/220-240V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz		
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7		
Max. piping length/Max. level difference		m	20/15		30/20		

* This information was not available at the time of publication.
** Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



FDXS-E/C RXS-D/E

Slim concealed ceiling unit

FDXS25,35E

RXS25,35D



new ➔

- Slim design for flexible installation
- Compact dimensions: can easily be mounted in a ceiling void of only 240 mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Powerful mode can be selected for rapid cooling
- The home leave operation saves energy during absence

- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application and cooling only mode)
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

INDOOR UNIT			FDXS25E	FDXS35E	FDXS50C	FDXS60C	
Cooling capacity	min ~ nom ~ max	kW	13 ~ 2.4 ~ 3.0	14 ~ 3.4 ~ 3.8	2.0 ~ 5.0 ~ 5.3	2.0 ~ 6.0 ~ 6.5	
Heating capacity	min ~ nom ~ max	kW	1.3 ~ 3.2 ~ 4.5	1.4 ~ 4.1 ~ 5.0	2.0 ~ 5.8 ~ 6.0	2.0 ~ 7.0 ~ 8.0	
Nominal input	min ~ nom ~ max	kW	0.30 ~ 0.845 ~ 1.06	0.30 ~ 1.30 ~ 1.455	0.50 ~ 1.65 ~ 1.93	0.50 ~ 2.13 ~ 2.49	
	min ~ nom ~ max	kW	0.29 ~ 0.935 ~ 1.50	0.31 ~ 1.44 ~ 1.56	0.50 ~ 1.92 ~ 2.04	0.50 ~ 2.32 ~ 3.18	
EER	cooling		2.84	2.62	3.03	2.82	
COP	heating		3.42	2.85	3.02	3.02	
Energy label	cooling		C	D	B	C	
	heating		B	D	D	D	
Annual energy consumption	cooling	kWh	423	650	825	1065	
Dimensions	HxWxD	mm	200x700x620		200x900x620	200x1100x620	
Weight		kg	21		27	30	
Air flow rate	cooling	H/L/SL	m ³ /min	8.7 ~ 7.3 ~ 6.2	8.7 ~ 7.3 ~ 6.2	12.0 ~ 10.0 ~ 8.4	16.0 ~ 13.5 ~ 11.2
	heating	H/L/SL	m ³ /min	8.7 ~ 7.3 ~ 6.2	8.7 ~ 7.3 ~ 6.2	12.0 ~ 10.0 ~ 8.4	16.0 ~ 13.5 ~ 11.2
Sound pressure level	cooling	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
	heating	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	cooling	H	dB(A)	53	53	55	56
Refrigerant type			R-410A				
Power supply		V1/VM	1 ~, 220 ~ 240V, 50Hz		1 ~, 220 ~ 230/220-240V, 50,60Hz		
Infrared remote control			ARC433A8		ARC433A8		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RXS25D	RXS35D	RXS50E	RXS60E
Dimensions	HxWxD	mm	550x765x285		735x825x300	
Weight		kg	30		48	
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	49/46
	heating	H/L	dB(A)	47/44	48/45	49/46
Sound power level	cooling	H	dB(A)	61	61	63
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		-10 ~ 46
	heating	from ~ to	°CWB	-15 ~ 20		-15 ~ 18
Refrigerant type			R-410A			
Power supply		VM/V1	1 ~, 220 ~ 230/220-240V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7	
Max. piping length/Max. level difference		m	20/15		30/20	

* This information was not available at the time of publication.



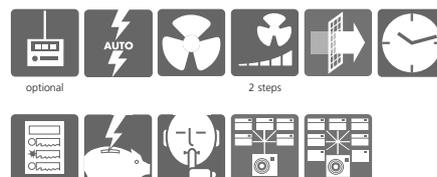
FDBQ-B MKS-E

Concealed ceiling unit



- Compact and unobtrusive
- Ideal for use in hotel bedrooms
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Quiet in operation

- Since the casing is very compact, the indoor unit can easily be mounted within a ceiling void
- Only air suction and discharge grilles are visible



COOLING ONLY

INDOOR UNIT (air cooled)		
Dimensions	HxWxD	mm
Weight		kg
Air flow rate	H/L	m ³ /min
Sound pressure level	H/L	dB(A)
Sound power level	H/L	dB(A)
Wired remote control		
Refrigerant type		
Power supply		V1

INVERTER

FDBQ25B	
Dimensions	230x652x502
Weight	17
Air flow rate	6.5/5.2
Sound pressure level	35/28
Sound power level	55/49
Wired remote control	BRC1D52
Refrigerant type	R-410A
Power supply	1~, 230V, 50Hz

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) The Energy Label Directive 2002/31/EC will enter into force once the relevant measurement standard will be published in the European Official Standard.

new → OUTDOOR UNIT

			4MKS58E	4MKS75E	5MKS90E
Dimensions	HxWxD	mm	735x936x300		
Weight		kg	55	58	69
Sound pressure level	H/L	dB(A)	46/43	48/-	48/-
Sound power level	H	dB(A)	59	61	61
Operation range	from ~to	°CDB	-10~46		
Refrigerant type			R-410A		
Power supply		VM/V1	1 ~ 220-240/220-230V/50/60Hz		
Piping connections	liquid/gas	mm	ø6.4x4/ø9.5x2 - ø12.7x2		
Max. piping length	for total of each room	m	45	60	75
	for one room	m		25	
Max. level difference	between indoor and outdoor	m	15		
	between indoor units	m	75		

Only connectable to Multi outdoor units.
- Information is not available at time of publication.



FDBQ-B MXS-E

Concealed ceiling unit

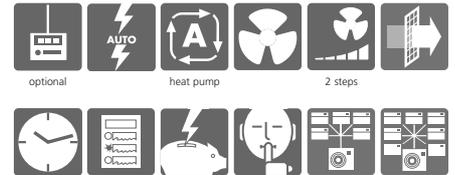


FDBQ25B

3MX52E,4MXS68E

- Compact and unobtrusive
- Ideal for use in hotel bedrooms
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Quiet in operation

- Since the casing is very compact, the indoor unit can easily be mounted within a ceiling void
- Only air suction and discharge grilles are visible



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FDBQ25B
Dimensions	HxWxD		mm	230x652x502
Weight			kg	17
Air flow rate	cooling	H/L	m ³ /min	6.5/5.2
	heating	H/L	m ³ /min	6.95/5.2
Sound pressure level	cooling	H/L	dB(A)	35/28
	heating	H/L	dB(A)	35/29
Sound power level	cooling	H/L	dB(A)	55/49
	heating	H/L	dB(A)	55/49
Wired remote control				BRC1D52
Refrigerant type				R-410A
Power supply			V1	1~, 230V, 50Hz

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

new →

OUTDOOR UNIT				2MX52E	3MX52E	4MXS68E	4MXS80E	5MXS90E
Dimensions	HxWxD		mm	735x936x300			770x900x320	
Weight			kg	55	55	59	72	73
Sound pressure level	cooling	H/L	dB(A)	46/43	46/43	48/-	48/-	52/-
	heating	H/L	dB(A)	47/44	47/44	49/-	49/-	52/-
Sound power level	cooling	H	dB(A)	59	59	61	61	65
Operation range	cooling	from ~ to	°CDB	-10 ~ -46			-15 ~ -15.5	
	heating	from ~ to	°CDB	-15 ~ -15.5			-15 ~ -15.5	
Refrigerant type				R-410A				
Power supply			VM/V1	1 ~, 220-240/220-230V, 50/60Hz				
Piping connections	liquid/gas		mm	ø6.4x3/ø9.5x2 - ø12.7x1	ø6.4x3/ø9.5x2 - ø12.7x1	ø6.4x4/ø9.5x2 - ø12.7x2	ø6.4x4/ø9.5x1 - ø12.7x1 - ø15.9x2	ø6.4x5/ø9.5x2 - ø12.7x1 - ø15.9x2
Max. piping length	for total of each room		m	45			60	70
	for one room		m				25	75
Max. level difference	between indoor and outdoor		m	15				
	between indoor units		m	75				

Only connectable to Multi outdoor units.
- Information is not available at time of publication.



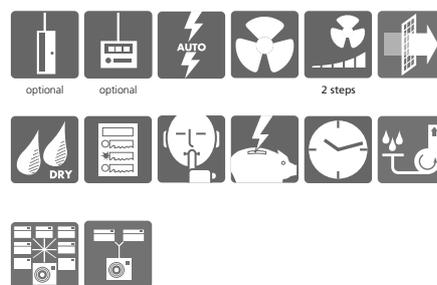
FBQ-B/RKS-D/E

Concealed ceiling unit



- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms

- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FBQ35B	FBQ50B	FBQ60B
Cooling capacity	min ~ nom ~ max	kW	3.40 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Nominal input	nominal	kW	1.21	1.92	2.19
EER			2.81	2.60	2.60
Energy label			C	E	E
Annual energy consumption	cooling	kWh	605	960	1095
Dimensions	HxWxD	mm	300x700x800		300x1000x800
Weight		kg	30	31	41
Air flow rate	H/L	m ³ /min	11.5/9	14/10	19/14
Sound pressure level	H/L	dB(A)	33/29	33/29	34/30
Sound power level	H	dB(A)	52	53	60
Refrigerant type			R-410A		
Power supply		V1	1 ~, 50Hz, 230V		
Wired remote control			BRC1D52		
DECORATION PANEL			BYBS45D		BYBS71D
Dimensions	HxWxD	mm	55x880x500		55x1000x500
Weight		kg	3.5		4.5

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RKS35D	RKS50E	RKS60E
Dimensions	HxWxD	mm	550x765x285	735x825x300	
Weight		kg	32	47	
Sound pressure level	H/L	dB(A)	47/44	47/44	49/46
Sound power level	H	dB(A)	62	61	63
Operation range	cooling	from ~ to	-10 ~ 46	(-15*) -10 ~ 46	
Refrigerant type			R-410A		
Power supply		V1M/V1	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7
Max. piping length/Max. level difference		m	20/15		30/20

* Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



FBQ-B/RXS-D/E

Concealed ceiling unit



- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms

- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FBQ35B	FBQ50B	FBQ60B
Cooling capacity	min ~ nom ~ max	kW		3.40 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Heating capacity	min ~ nom ~ max	kW		4.10 (nom.)	0.90 ~ 6.00 ~ 7.00	0.90 ~ 7.00 ~ 8.00
Nominal input	cooling	nominal	kW	1.21	1.92	2.19
	heating	nominal	kW	1.28	1.87	2.50
EER				2.81	2.60	2.60
COP				3.20	3.21	2.80
Energy label	cooling			C	E	E
	heating			D	C	E
Annual energy consumption	cooling	kWh		605	960	1095
Dimensions	HxWxD	mm		300x700x800		300x1000x800
Weight		kg		30	31	41
Air flow rate	cooling	H/L	m ³ /min	115/9	14/10	19/14
	heating	H/L	m ³ /min	115/9	14/10	19/14
Sound pressure level	cooling	H/L	dB(A)	33/29	33/29	34/30
	heating	H/L	dB(A)	33/29	33/29	34/30
Sound power level	cooling	H	dB(A)	52	53	60
	heating	H	dB(A)	52	53	60
Refrigerant type				R-410A		
Power supply		V1		1 ~, 230V, 50Hz		
Wired remote control				BRC1D52		
DECORATION PANEL				BYB545D		BYB571D
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1000x500
Weight		decoration panel	kg	3.5		4.5

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RXS35D	RXS50E	RXS60E
Dimensions	HxWxD	mm		550x765x285	735x825x300	
Weight		kg		32	48	
Sound pressure level	cooling	H/L	dB(A)	47/44	47/44	49/46
	heating	H/L	dB(A)	48/45	48/45	49/46
Sound power level	cooling	H	dB(A)	62	61	63
Operation range	cooling	from ~ to	°CDB		-10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20		-15 ~ 18
Refrigerant type				R-410A		
Power supply		VM/V1		1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz
Piping connections	liquid/gas		mm	ø6.4/ø9.5		ø6.4/ø12.7
Max. piping length/Max. level difference			m	20/15		30/20



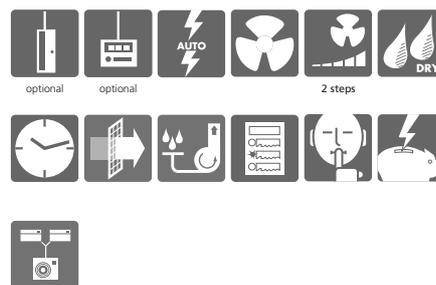
FBQ-B/RR-B

Concealed ceiling unit



- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms

- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)				FBQ71B	FBQ100B	FBQ125B
Cooling capacity	nominal		kW	7.0	10.00	12.20
Nominal input	nominal		kW	2.79/2.68	3.79/3.60	4.67
EER				2.54/2.65	2.64/2.78	2.61
Energy label				D/E	D/E	D
Annual energy consumption	cooling		kWh	1,395/1,340	1,895/1,800	2,335
Dimensions	HxWxD		mm	300x1,000x800		300x1,400x800
Weight			kg	41	51	52
Air flow rate	H/L		m ³ /min	19/14	27/20	35/24
Sound pressure level	H/L		dB(A)	34/30	36/31	38/32
Sound power level	H		dB(A)	60	62	63
Refrigerant type					R-410A	
Power supply			V3		1 ~, 50Hz, 230V	
Wired remote control					BRC1D52	
DECORATION PANEL				BYB571D		BYB5125D
Dimensions	HxWxD	decoration panel	mm	55x1,000x500		55x1,400x500
Weight		decoration panel	kg	4.5		6.5

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RR71BV3/W1	RR100BV3/W1	RR125BW1
Dimensions	HxWxD		mm	770x900x320		1170x900x320
Weight			kg	83/81	102/99	106
Sound pressure level	nominal		dB(A)	50	53	53
Sound power level	nominal		dB(A)	63	66	67
Operation range	from ~ to		°CDB		-15 ~ 46	
Refrigerant type					R-410A	
Power supply			V3/W1		1 ~, 50Hz, 230V/3N ~, 50Hz, 400V	
Piping connections	liquid/gas		mm		ø9.52/ø15.9	
Max. piping length/Max. level difference			m		70/30	



FBQ-B / RQ-B

Concealed ceiling unit



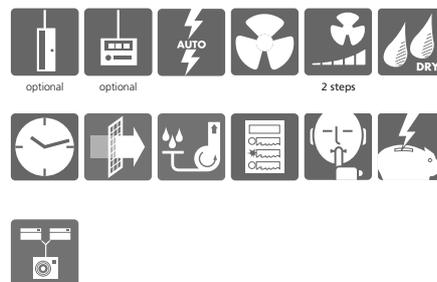
FBQ100,125B



RQ125B

- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms

- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B



HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)				FBQ71B	FBQ100B	FBQ125B
Cooling capacity	nominal		kW	7.10	10.00	12.20
Heating capacity	nominal		kW	8.00	11.20	14.50
Nominal input	cooling	nominal	kW	2.79/2.68	3.79/3.60	4.67
	heating	nominal	kW	2.49	3.91/3.87	4.52
EER				2.54/2.65	2.64/2.78	2.61
COP				3.21	2.86/2.89	3.21
Energy label	cooling			E/D	D/C	D
	heating			C	D/D	C
Annual energy consumption	cooling		kWh	1,395/1,340	1,885/1,780	2,335
Dimensions		HxWxD	mm	300x1,000x800		300x1,400x800
Weight			kg	41	51	52
Air flow rate	cooling	H/L	m ³ /min	19/14	27/20	35/24
	heating	H/L	m ³ /min	19/14	27/20	35/24
Sound pressure level	cooling	H/L	dB(A)	34/30	36/31	38/32
	heating	H/L	dB(A)	34/30	36/31	38/32
Sound power level	cooling	H	dB(A)	60	62	63
Refrigerant type					R-410A	
Power supply			V1		1 ~, 50Hz, 230V	
Wired remote control					BRC1D52	
DECORATION PANEL				BYB571D		BYB5125D
Dimensions		HxWxD	decoration panel	mm		55x1,400x500
Weight			decoration panel	kg	4.5	6.5

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RQ71BV3/W1	RQ100BV3/W1	RQ125BW1
Dimensions		HxWxD	mm	770x900x320		1,170x900x320
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB		-5 ~ 46	
	heating	from ~ to	°CWB		-10 ~ 15	
Refrigerant type					R-410A	
Power supply			V3/W1	1 ~, 50Hz, 230V/3N ~, 50Hz, 400V		3N ~, 400V, 50Hz
Piping connections		liquid/gas	mm		ø9.52/ø15.9	
Max. piping length/Max. level difference			m		70/30	



FBQ-B / RZQ-B

Concealed ceiling unit



FBQ100,125B

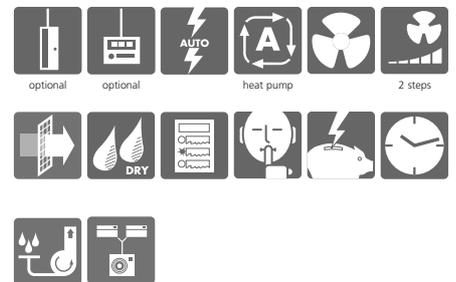


RZQ100,125B



- Lightweight and compact
- Blends unobtrusively with any interior décor
- Only air suction and discharge grilles are visible
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms

- Optimum air distribution
- Quiet operation
- The maximum external static pressure (ESP) is 88Pa.



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FBQ71B	FBQ100B	FBQ125B
Cooling capacity	min ~ nom ~ max	kW	710 (nom.)	10.00 (nom.)	12.50 (nom.)	
Heating capacity	min ~ nom ~ max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)	
Nominal input	cooling	nominal	2.21	2.86	3.98	
	heating	nominal	2.09	3.00	3.99	
EER			3.21	3.50	3.14	
COP			3.83	3.73	3.51	
Energy label	cooling		A	A	B	
	heating		A	A	B	
Annual energy consumption	cooling	kWh	1105	1,430	1,990	
Dimensions	HxWxD	mm	300x1,000x800		300x1,400x800	
Weight		kg	41	51	52	
Air flow rate	cooling	H/L	m ³ /min	19/14	27/20	35/24
	heating	H/L	m ³ /min	19/14	27/20	35/24
Sound pressure level	cooling	H/L	dB(A)	34/30	36/31	38/32
	heating	H/L	dB(A)	34/30	36/31	38/32
Sound power level	cooling	nominal	dB(A)	60	62	63
Refrigerant type				R-410A		
Power supply		V3		1 ~, 230V, 50Hz		
Wired remote control				BRC1D52		
DECORATION PANEL				BYB571D		BYB5125D
Dimensions	HxWxD	decoration panel	mm	55x1,000x500		55x1,400x500
Weight		decoration panel	kg	4.5		6.5

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RZQ71B8V3	RZQ100B8V3/BW1	RZQ125B8V3/BW1
Dimensions	HxWxD	mm	770x900x320		1,345x900x320	
Weight		kg	68	106	106	
Sound pressure level (night quiet mode)	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from ~ to	°CDB		-15 ~ 50	
	heating	from ~ to	°CWB		-20 ~ 15.5	
Refrigerant type				R-410A		
Power supply		V3/W1	1 ~, 230V, 50Hz		1 ~, 230V, 50Hz, 3N ~, 400V, 50Hz	
Piping connections	liquid/gas	mm		ø9.52/ø15.9		
Max. piping length/Max. level difference		m	50/30		75/30	



FDQ-B / RR-B

Concealed ceiling unit

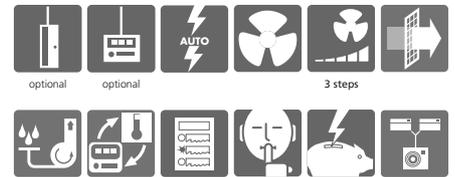


FDQ125B

RR125B

- Compact casing
- Blends unobtrusively with any interior décor
- Only air suction & discharge grilles are visible

- The maximum external static pressure (ESP) ranges from 150 to 250Pa.
- Optimum air distribution



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FDQ125B
Cooling capacity	nominal	kW	12.50
Nominal input	nominal	kW	4.79
EER			2.61
Energy label			D
Annual energy consumption	cooling	kWh	2395
Dimensions	HxWxD	mm	350x1,400x662
Weight		kg	59
Air flow rate	M	m ³ /min	43
Sound pressure level	H/L	dB(A)	44/44
Sound power level	H	dB(A)	75
Refrigerant type			R-410A
Power supply		V3	1 ~, 230V, 50Hz
Wired remote control			BRCD52

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
 2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RR125BW1
Dimensions	HxWxD	mm	1,170x900x320
Weight		kg	106
Sound pressure level	nominal	dB(A)	53
Sound power level	nominal	dB(A)	67
Operation range	from ~ to	°CDB	-15 ~ 46
Refrigerant type			R-410A
Power supply		W1	3N ~, 400V/50Hz
Piping connections	liquid/gas	mm	ø9.52/ø15.9
Max. piping length/Max. level difference		m	70/30



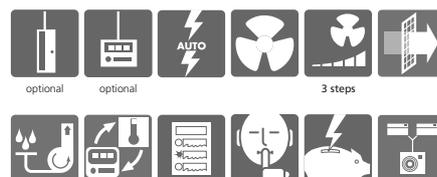
FDQ-B / RQ-B

Concealed ceiling unit



- Compact casing
- Blends unobtrusively with any interior décor
- Only air suction & discharge grilles are visible

- The maximum external static pressure (ESP) ranges from 150 to 250Pa.
- Optimum air distribution



HEAT PUMP

INDOOR UNIT

Cooling capacity	nominal		kW
Heating capacity	nominal		kW
Nominal input	cooling	nominal	kW
	heating	nominal	kW
EER			
CDP			
Energy label	cooling		D
	heating		C
Annual energy consumption	cooling		kWh
Dimensions		HxWxD	mm
Weight			kg
Air flow rate	cooling	M	m ³ /min
	heating	M	m ³ /min
Sound pressure level	cooling	H/L	dB(A)
Sound power level	cooling	nominal	dB(A)
Refrigerant type			
Power supply			V1
Wired remote control			

NON-INVERTER

FDQ125B

Cooling capacity	12.50
Heating capacity	14.60
Nominal input	4.79
	4.51
EER	2.61
CDP	3.24
Energy label	D
	C
Annual energy consumption	2.395
Dimensions	350x1,400x662
Weight	59
Air flow rate	43
	43
Sound pressure level	44/44
Sound power level	75
Refrigerant type	R-410A
Power supply	1 ~, 230V, 50Hz
Wired remote control	BRC1D52

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT

Dimensions		HxWxD	mm
Weight			kg
Sound pressure level	cooling	nominal	dB(A)
Sound power level	cooling	nominal	dB(A)
Operation range	cooling	from ~ to	°CDB
	heating	from ~ to	°CVB
Refrigerant type			
Power supply			W1
Piping connections		liquid/gas	mm
Max. piping length/Max. level difference			m

RQ125BW1

Dimensions	1,170x900x320
Weight	108
Sound pressure level	53
Sound power level	67
Operation range	-5 ~ 46
	-10 ~ 15
Refrigerant type	R-410A
Power supply	3N ~, 50Hz, 400V
Piping connections	ø9.52/ø15.9
Max. piping length/Max. level difference	70/30

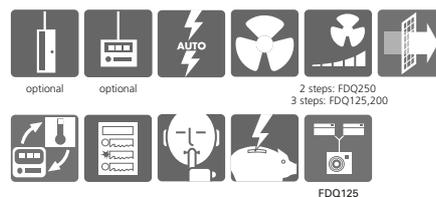


FDQ-B / RZQ-B

Concealed ceiling unit



- Compact casing
- The maximum external static pressure (ESP) ranges from 150 to 250Pa.
- Only air suction & discharge grilles are visible
- Optimum air distribution



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FDQ125B	FDQ200B	FDQ250B
Cooling capacity	min ~ nom ~ max		kW	12.50 (nom.)	20 (nom.)	25 (nom.)
Heating capacity	min ~ nom ~ max		kW	14.00 (nom.)	23 (nom.)	27 (nom.)
Nominal input	cooling	nominal	kW	4.15	6.43	8.31
	heating	nominal	kW	3.69	7.54	8.85
EER				3.01	3.11	3.01
COP				3.79	3.05	3.05
Energy label	cooling			B	-	-
	heating			A	-	-
Annual energy consumption			kWh	2,075	-	-
Dimensions	HxWxD	mm		350x1400x662	450x1400x900	
Weight			kg	59	93	93
Air flow rate	cooling	M	m ³ /min	43	69	89
	heating	M	m ³ /min	43	69	89
Sound pressure level	cooling	H/L	dB(A)	44/44	45/45	47/47
Sound power level	cooling	nominal	dB(A)	75	81	82
Refrigerant type					R-410A	
Power supply			V1		1 ~, 230V, 50Hz	
Wired remote control					BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
 2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).
 - Not applicable

OUTDOOR UNIT				RZQ125B8V3/BW1	RZQ200BW	RZQ250BW
Dimensions	HxWxD		mm	1,345x900x320	1,600x930x765	
Weight			kg	106	225	226
Sound press. level (night quiet mode)	cooling	H	dB(A)	50 (45)	57 (nom)	57 (nom)
	heating	H	dB(A)	66	78 (nom)	78 (nom)
Operation range	cooling	from ~ to	°CDB	-15 ~ 50	-5 ~ 46	
	heating	from ~ to	°CWB	-20 ~ 15.5	-15 ~ 15	
Refrigerant type					R-410A	
Power supply			V3/W1	1 ~, 230V, 50Hz / 3N ~, 400V, 50Hz	3N ~, 400V, 50Hz	
Piping connections	liquid/gas		mm	ø9.52/ø15.9	ø9.52/ø22.2	ø12.7/ø22.2
Max. piping length/Max. level difference			m	75/30	100/30	



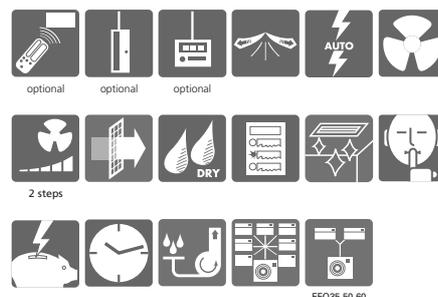
FFQ-B/RKS-D/E

4-Way blow ceiling mounted cassette (600 mm x 600 mm)



- Extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules
- Modern style decoration panel in super white (RAL9010)
- Possibility to shut off one or two flaps for easy installation in corners
- Whisper quiet operation with sound pressure levels as low as 24.5 dB(A)

- Automatic air flow director ensures uniform air flow and temperature distribution
- Excellent low draught characteristics
- Since the switch box is located inside the unit, it is easy to install and maintain the cassette in any ceiling type or pattern
- Furthermore the switch box can be reached by simply removing the suction grill; therefore maintenance can be done very easily



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)				FFQ25B	FFQ35B	FFQ50B	FFQ60B
Cooling capacity	min ~ nom ~ max	kW		13 ~ 25 ~ 3.0	14 ~ 34 ~ 3.7	0.90 ~ 4.70 ~ 5.60	0.90 ~ 5.80 ~ 6.00
Nominal input	min ~ nom ~ max	kW		0.30 ~ 0.83 ~ 1.10	0.30 ~ 1.30 ~ 1.4	0.45 ~ 1.80 ~ 2.26	0.45 ~ 2.07 ~ 2.15
EER				3.01	2.62	2.61	2.80
Energy label				B	D	D	D
Annual energy consumption	cooling	kWh		415	650	900	1,035
Dimensions	HxWxD	mm		286x575x575			
Weight		kg		175			
Air flow rate	H/L	m ³ /min		9/6.5	10/6.5	12/8	15/10
Sound pressure level	H/L	dB(A)		29.5/24.5	32/25	36/27	41/32
Sound power level	H	dB(A)		46.5	49	53	58
Refrigerant type				R-410A			
Power supply		V/1		1 ~, 230V, 50Hz			
Infrared remote control				BRC7E531			
Wired remote control				BRC1D52 BYFQ60B			
DECORATION PANEL							
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RKS25D	RKS35D	RKS50E	RKS60E
Dimensions	HxWxD	mm		550x765x285		735x825x300	
Weight		kg		30	32	47	
Sound pressure level	H/L	dB(A)		46/43	47/44	47/44	49/46
Sound power level	H	dB(A)		61	62	61	63
Operation range	from ~ to	°CDB		-10 ~ 46		(-15*) ~ -10 ~ 46	
Refrigerant type				R-410A			
Power supply		V/M/1		1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas	mm		ø6.4/ø9.5		ø6.4/ø12.7	
Max. piping length/Max. level difference		m		20/15		30/20	

* Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



FFQ-B/RXS-D/E

4-Way blow ceiling mounted cassette (600 mm x 600 mm)



- Extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules
- Modern style decoration panel in super white (RAL 9010)
- Whisper quiet operation with sound pressure levels as low as 24.5 dB(A)
- Possibility to shut off one or two flaps for easy installation in corners

- Automatic air flow director ensures uniform air flow and temperature distribution
- Excellent low draught characteristics
- Since the switch box is located inside the unit, it is easy to install and maintain the cassette in any ceiling type or pattern
- Furthermore the switch box can be reached by simply removing the suction grill; therefore maintenance can be done very easily



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FFQ25B	FFQ35B	FFQ50B	FFQ60B
Cooling capacity	min ~ nom ~ max		kW	13 ~ 25 ~ 3.0	14 ~ 34 ~ 3.7	0.90 ~ 4.70 ~ 5.60	0.90 ~ 5.80 ~ 6.00
Heating capacity	min ~ nom ~ max		kW	13 ~ 32 ~ 4.5	14 ~ 45 ~ 5.0	0.90 ~ 5.50 ~ 7.00	0.90 ~ 7.00 ~ 8.00
Nominal input	cooling	min ~ nom ~ max	kW	0.30 ~ 0.83 ~ 1.10	0.30 ~ 1.30 ~ 1.47	0.45 ~ 1.80 ~ 2.26	0.45 ~ 2.07 ~ 2.15
	heating	min ~ nom ~ max	kW	0.29 ~ 0.935 ~ 1.75	0.29 ~ 1.60 ~ 1.80	0.45 ~ 1.96 ~ 2.78	0.45 ~ 2.49 ~ 2.92
EER				3.01	2.62	2.61	2.80
COP				3.42	2.81	2.81	2.81
Energy label	cooling			B	D	D	D
	heating			B	D	D	D
Annual energy consumption	cooling		kWh	415	650	900	1,035
Dimensions	HxWxD		mm	286x575x575			
Weight			kg	175			
Air flow rate	cooling	H/L	m ³ /min	9/6.5	10/6.5	12/8	15/10
	heating	H/L	m ³ /min	9/6.5	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
	heating	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	46.5	49	53	58
	heating	H	dB(A)	46.5	49	53	58
Refrigerant type				R-410A			
Power supply			V1	1 ~, 230V, 50Hz			
Infrared remote control				BRC7E530			
Wired remote control				BRC1D52			
DECORATION PANEL				BYFQ60B			
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RXS25D	RXS35D	RXS50E	RXS60E
Dimensions	HxWxD		mm	550x765x285		735x825x300	
Weight			kg	30	32	48	48
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/44	49/46
	heating	H/L	dB(A)	47/44	48/45	48/45	49/46
Sound power level	cooling	H	dB(A)	61	62	61	63
Operation range	cooling	from ~ to	°CDB			-10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20			-15 ~ 18
Refrigerant type				R-410A			
Power supply			VM/V1	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas		mm	ø6.4/ø9.5		ø6.4/ø12.7	
Max. piping length/Max. level difference			m	20/15		30/20	

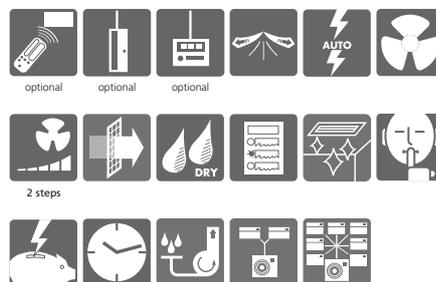


FCQ-B / RKS-D/E

4-Way blow ceiling mounted cassette



- Compact and lightweight
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution
- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FCQ35B	FCQ50B	FCQ60B
Cooling capacity	min ~ nom ~ max	kW	3.40 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Nominal input	nominal	kW	1.21	1.92	2.19
EER			2.81	2.60	2.60
Energy label			C	E	E
Annual energy consumption	cooling	kWh	605	960	1,095
Dimensions	HxWxD	mm		230x840x840	
Weight		kg	23	23	23
Air flow rate	H/L	m ³ /min	14/10	15/11	18/14
Sound pressure level	H/L	dB(A)	31/27	31/27	33/28
Sound power level	H	dB(A)	48	48	50
Refrigerant type				R-410A	
Power supply		V1		1 ~, 230V, 50Hz	
Infrared remote control				BRC7C513	
Wired remote control				BRC1D52	
DECORATION PANEL				BYC125K	
Dimensions	HxWxD	decoration panel	mm	40x950x950	
Weight		decoration panel	kg	5	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
 2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RKS35D	RKS50E	RKS60E
Dimensions	HxWxD	mm	550x765x285		735x825x300
Weight		kg	32		47
Sound pressure level	H/L	dB(A)	47/44	47/44	49/46
Sound power level	H	dB(A)	62	61	63
Operation range	from ~ to	°CDB	-10 ~ 46		(-15°) -10 ~ 46
Refrigerant type				R-410A	
Power supply		VM/V1	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7
Max. piping length/Max. level difference		m	20/15		30/20

* Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



FCQ-B / RXS-D/E

4-Way blow ceiling mounted cassette



- Compact and lightweight
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution
- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FCQ35B	FCQ50B	FCQ60B
Cooling capacity		min ~ nom ~ max	kW	3.4 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Heating capacity		min ~ nom ~ max	kW	4.1 (nom.)	0.90 ~ 6.00 ~ 7.00	0.90 ~ 7.00 ~ 8.00
Nominal input	cooling	nominal	kW	1.21	1.92	2.19
	heating	nominal	kW	1.28	1.87	2.19
EER				2.81	2.60	2.60
COP				3.20	3.21	3.20
Energy label	cooling			C	E	E
	heating			D	C	D
Annual energy consumption	cooling		kWh	605	960	1,095
Dimensions		HxWxD	mm		230x840x840	
Weight			kg	23	23	23
Air flow rate	cooling	H/L	m ³ /min	14/10	15/11	18/14
	heating	H/L	m ³ /min	14/10	15/11	18/14
Sound pressure level	cooling	H/L	dB(A)	31/27	31/27	33/28
	heating	H/L	dB(A)	31/27	31/27	33/28
Sound power level	cooling	H	dB(A)	48	48	50
	heating	H	dB(A)	48	48	50
Refrigerant type				R-410A		
Power supply			V1	1 ~, 230V, 50Hz		
Infrared remote control				BRC7CS12		
Wired remote control				BRC1D52		
				BYC1Z5K		
DECORATION PANEL						
Dimensions		HxWxD	mm	40x950x950		
Weight		decoration panel	kg	5		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

new ➔

new ➔

OUTDOOR UNIT				RXS35D	RXS50E	RXS60E
Dimensions		HxWxD	mm	550x765x285		735x825x300
Weight			kg	32		48
Sound pressure level	cooling	H/L	dB(A)	47/44	47/44	49/46
	heating	H/L	dB(A)	48/45	48/45	49/46
Sound power level	cooling	H	dB(A)	62	61	63
Operation range	cooling	from ~ to	°CDB		-10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20		-15 ~ 18
Refrigerant type				R-410A		
Power supply			VM/V1	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz
Piping connections		liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7
Max. piping length/Max. level difference			m	20/15		30/20



FCQ-B / RR-B

4-Way blow ceiling mounted cassette



FCQ71B



RR71B

- Compact and lightweight
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution
- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)				FCQ71B	FCQ100B	FCQ125B
Cooling capacity	nominal	kW	710	1000	1250	
Nominal input	nominal	kW	2.72/2.66	3.83/3.56	4.66	
EER			2.61/2.67	2.61/2.81	2.68	
Energy label			D/D	D/C	D	
Annual energy consumption	cooling	kWh	1,360/1,330	1,915/1,780	2,330	
Dimensions	HxWxD	mm	230x840x840		288x840x840	
Weight		kg	23	27	27	
Air flow rate	H/L	m ³ /min	18/14	28/21	31/24	
Sound pressure level	H/L	dB(A)	33/28	37/32	40/35	
Sound power level	nominal	dB(A)	50	53	56	
Refrigerant type				R-410A		
Power supply		V3		1 ~, 50Hz, 230V		
Infrared remote control				BRC7C513		
Wired remote control				BRC1D52		
				BYC125K		
DECORATION PANEL						
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RR71BV3/W1	RR100BV3/W1	RR125BW1
Dimensions	HxWxD	mm	770x900x320		1170x900x320	
Weight		kg	83/81	102/99		106
Sound pressure level	nominal	dB(A)	50	53		53
Sound power level	nominal	dB(A)	63	66		67
Operation range	from ~ to	°CDB		-15 ~ 46		
Refrigerant type				R-410A		
Power supply		V3/W1		1 ~, 50Hz, 230V / 3N ~, 50Hz, 400V		3N ~, 50Hz, 400V
Piping connections	liquid/gas	mm		ø9.52/ø15.9		
Max. piping length/Max. level difference		m		70/30		

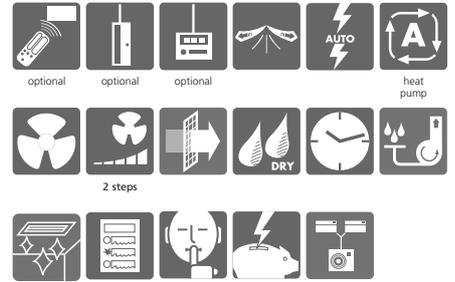


FCQ-B / RQ-B

4-Way blow ceiling mounted cassette



- Compact and lightweight
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution
- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity



HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)				FCQ71B	FCQ100B	FCQ125B
Cooling capacity	nominal	kW	710	1000	1250	
Heating capacity	nominal	kW	800	1120	1460	
Nominal input	cooling	nominal	2.72/2.66	3.83/3.56	4.66	
	heating	nominal	2.85/2.80	3.75/3.66	5.05	
EER			2.61/2.67	2.61/2.81	2.68	
COP			2.81/2.86	2.99/3.06	2.89	
Energy label	cooling		D/D	D/C	D	
	heating		D/D	D/D	D	
Annual energy consumption	cooling	kWh	1,360/1,330	1,915/1,780	2,330	
Dimensions	HxWxD	mm	230x840x840		288x840x840	
Weight		kg	23	27	27	
Air flow rate	cooling	H/L	m ³ /min	18/14	28/21	31/24
	heating	H/L	m ³ /min	18/14	28/21	31/24
Sound pressure level	cooling	H/L	dB(A)	33/28	37/32	40/35
	heating	H/L	dB(A)	33/28	37/32	40/35
Sound power level	cooling	nominal	dB(A)	50	53	56
Refrigerant type				R-410A		
Power supply		V1		1 ~, 50Hz, 230V		
Infrared remote control				BRC1D52		
Wired remote control				BRC7C512		
				BYC125K		
DECORATION PANEL						
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
 2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RQ71BV3/W1	RQ100BV3/W1	RQ125BW1
Dimensions	HxWxD	mm	770x900x320		1170x900x320	
Weight		kg	84/83	103/101		108
Sound pressure level	cooling	nominal	dB(A)	50		53
Sound power level	cooling	nominal	dB(A)	63		67
Operation range	cooling	from ~ to	°CDB		-5 ~ 46	
	heating	from ~ to	°CWB		-10 ~ 15	
Refrigerant type				R-410A		
Power supply		V3/W1		1 ~, 50Hz, 230V/3N ~, 50Hz, 400V		3N ~, 50Hz, 400V
Piping connections	liquid/gas	mm		ø9.52/ø15.9		
Max. piping length/Max. level difference		m		70/30		



FCQ-B / RZQ-B

4-Way blow ceiling mounted cassette



- Compact and lightweight
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution

- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FCQ71B	FCQ100B	FCQ125B
Cooling capacity	min ~ nom ~ max		kW	7.0 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity	min ~ nom ~ max		kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.16	2.64	3.88
	heating	nominal	kW	2.56	3.14	4.36
EER				3.29	3.79	3.22
COP				3.125	3.57	3.21
Energy label	cooling			A	A	A
	heating			D	B	C
Annual energy consumption	cooling		kWh	1,080	1,320	1,940
Dimensions	HxWxD		mm	230x840x840		288x840x840
Weight			kg	23	27	27
Air flow rate	cooling	H/L	m ³ /min	18/14	28/21	31/24
	heating	H/L	m ³ /min	18/14	28/21	31/24
Sound pressure level	cooling	H	dB(A)	33/28	37/32	40/35
	heating	H	dB(A)	33/28	37/32	40/35
Sound power level	cooling	nominal	dB(A)	50	53	56
Refrigerant type					R-410A	
Power supply			V3		1 ~, 230V, 50Hz	
Infrared remote control					BRC7C512	
Wired remote control					BRC1D52 BYC125K	
DECORATION PANEL						
Dimensions	HxWxD	decoration panel	mm		40x950x950	
Weight		decoration panel	kg		5	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RZQ71B8V3	RZQ100B8V3/BW1	RZQ125B8V3/BW1
Dimensions	HxWxD		mm	770x900x320		1,345x900x320
Weight			kg	68	106	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from ~ to	°CDB		-15 ~ 50	
	heating	from ~ to	°CWB		-20 ~ 15.5	
Refrigerant type					R-410A	
Power supply			V3/W1	1 ~, 230V, 50Hz		1 ~, 230V, 50Hz / 3N ~, 400V, 50Hz
Piping connections	liquid/gas		mm		ø9.52/ø15.9	
Max. piping length/Max. level difference			m	50/30		75/30



FCQ-D/RZQ-B

High COP, 4-Way blow
ceiling mounted cassette



- The cassette has been designed to improve its operating efficiency
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution

- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FCQ71D	FCQ100D	FCQ125D	FCQ140D
Cooling capacity	min ~ nom ~ max		kW	3.2 ~ 7.1 ~ 8.0	5.0 ~ 10.0 ~ 11.2	5.7 ~ 12.5 ~ 14.0	6.2 ~ 14.0 ~ 15.4
Heating capacity	min ~ nom ~ max		kW	3.5 ~ 8.0 ~ 9.0	5.1 ~ 11.2 ~ 12.8	6.0 ~ 14.0 ~ 16.2	6.2 ~ 16.0 ~ 18.0
Nominal input	cooling	min ~ nom ~ max	kW	1.98 (nom.)	2.44 (nom.)	3.54 (nom.)	4.65 (nom.)
	heating	min ~ nom ~ max	kW	1.97 (nom.)	2.56 (nom.)	3.59 (nom.)	4.52 (nom.)
EER				3.59	4.10	3.53	3.01
COP				4.06	4.375	3.90	3.54
Energy label	cooling			A	A	A	B
	heating			A	A	A	B
Annual energy consumption	cooling	kWh		990	1,220	1,770	2,325
Dimensions	HxWxD	mm		246x840x840		288x840x840	
Weight			kg	24		28	
Air flow rate	cooling	H/L	m ³ /min	19/14	30/21	30/24	30/25
Sound pressure level	cooling	H/L	dB(A)	34/28	43/33	43/36	43/38
Sound power level	cooling	H/L	dB(A)	50/44	58/48	58/51	58/53
Refrigerant type				R-410A			
Power supply			V3	1 ~, 230V, 50Hz			
Infrared remote control				BRC7E51			
Wired remote control				BRC1D52			
DECORATION PANEL				BYCP125DJW1			
Dimensions	HxWxD	decoration panel	mm	45x950x950			
Weight			kg	55			

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RZQ71B8V3	RZQ100B8V3/BW1	RZQ125B8V3/BW1	RZQ140BW1
Dimensions	HxWxD		mm	770x900x320		1,345x900x320	
Weight			kg	68	106	106	106
Sound pressure level	cooling	H	dB(A)	47(43)	49(45)	50(45)	50 (45)
	heating	H	dB(A)	49	51	52	52
Sound power level	cooling	H	dB(A)	63	65	66	66
Operation range	cooling	from ~ to	°CDB	-15 ~ 50			
	heating	from ~ to	°CWB	-20 ~ 15.5			
Refrigerant type				R-410A			
Power supply			V3/W1	1 ~, 230V, 50Hz	1 ~, 230V, 50Hz / 3N ~, 400V, 50Hz		3N ~, 400V, 50Hz
Piping connections	liquid/gas	mm		ø9.52/ø15.9			
Max. piping length/Max. level difference			m	50/30	75/30		



FUQ-B / RR-B

4-Way blow ceiling suspended cassette



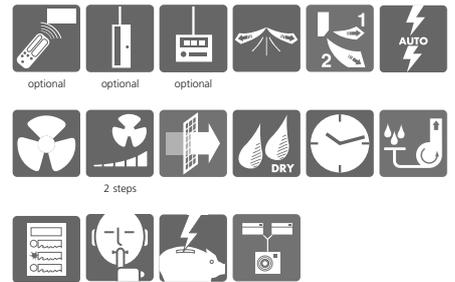
FUQ71B

RR71B



- Ideal for refurbishment
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Air can be discharged in any of four directions
- Air flow distribution for ceiling heights up to 3.5m
- No ceiling staining

- Possibility to shut off one or two flaps for easy installation in corners
- Extremely quiet in operation both indoor and outdoors
- Air filter, drain pan and heat exchanger fin are mildew proof
- Drain-up pump with increased lift of 500mm



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FUQ71B	FUQ100B	FUQ125B
Cooling capacity	nominal	kW	710	1000	1220
Nominal input	nominal	kW	2.70/2.65	3.83/3.78	4.57
EER			2.63/2.68	2.61/2.65	2.67
Energy label			D/D	D/D	D
Annual energy consumption	cooling	kWh	1350/1325	1,915/1,885	2,285
Dimensions	HxWxD	mm	165x895x895	230x895x895	
Weight		kg	25	31	31
Air flow rate	H/L	m ³ /min	19/14	29/21	32/23
Sound pressure level	H/L	dB(A)	40/35	43/38	44/39
Sound power level	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type			R-410A		
Power supply		V1	1 ~, 230V, 50Hz		
Infrared remote control			BRC7CS29		
Wired remote control			BRC1D52		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RR71BV3/W1	RR100BV3/W1	RR125BW1
Dimensions	HxWxD	mm	770x900x320	1,170x900x320	
Weight		kg	83/81	102/99	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB	-15 ~ 46		
Refrigerant type			R-410A		
Power supply		V3/W1	1 ~, 50Hz, 230V/3N ~, 50Hz, 400V		3N ~, 50Hz, 400V
Piping connections	liquid/gas	mm	ø9.52/ø15.9		
Max. piping length/Max. level difference		m	70/30		



FUQ-B / RQ-B

4-Way blow ceiling suspended cassette



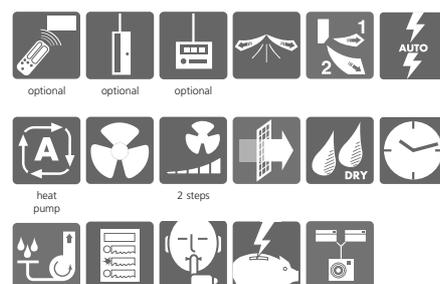
FUQ71B

RQ71B



- Ideal for refurbishment
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Air can be discharged in any of four directions
- Air flow distribution for ceiling heights up to 3.5m
- No ceiling staining
- Possibility to shut off one or two flaps for easy installation in corners

- Extremely quiet in operation both indoor and outdoors
- Air filter, drain pan and heat exchanger fin are mildew proof
- Drain-up pump with increased lift of 500mm



HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)				FUQ71B	FUQ100B	FUQ125B
Cooling capacity	nominal		kW	7.0	10.0	12.20
Heating capacity	nominal		kW	8.00	11.20	14.50
Nominal input	cooling	nominal	kW	2.70/2.65	3.83/3.78	4.57
	heating	nominal	kW	2.53/2.44	3.58/3.54	4.88
EER				2.63/2.68	2.61/2.65	2.67
COP				3.16/3.28	3.13/3.16	2.97
Energy label	cooling			D/D	D/D	D
	heating			D/C	D/D	D
Annual energy consumption	cooling		kWh	1350/1325	1915/1890	2285
Dimensions	HxWxD		mm	165x895x895		230x895x895
Weight			kg	25	31	31
Air flow rate	cooling	H/L	m ³ /min	19/14	29/21	32/23
	heating	H/L	m ³ /min	19/14	29/21	32/23
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type					R-410A	
Power supply			V1		1~, 50Hz, 230V	
Infrared remote control					BRC7C528	
Wired remote control					BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RQ71BV3/W1	RQ100BV3/W1	RQ125BW1
Dimensions	HxWxD		mm	770x900x320		1170x900x320
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB		-5~46	
	heating	from ~ to	°CWB		-10~15	
Refrigerant type					R-410A	
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		3N~, 50Hz, 400V
Piping connections	liquid/gas		mm		ø9.52/ø15.9	
Max. piping length/Max. level difference			m		70/30	



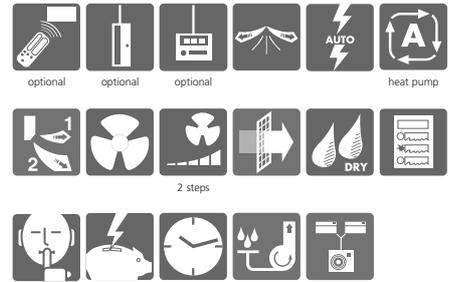
FUQ-B / RZQ-B

4-Way blow ceiling suspended cassette



- Ideal for refurbishment
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Air can be discharged in any of four directions
- Air flow distribution for ceiling heights up to 3.5m
- No ceiling staining

- Possibility to shut off one or two flaps for easy installation in corners
- Extremely quiet in operation both indoor and outdoors
- Air filter, drain pan and heat exchanger fin are mildew proof
- Drain-up pump with increased lift of 500mm



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FUQ71B	FUQ100B	FUQ125B
Cooling capacity		min ~ nom ~ max	kW	710 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity		min ~ nom ~ max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.21	3.12	4.05
	heating	nominal	kW	2.34	3.28	4.36
EER				3.21	3.21	3.09
COP				3.42	3.41	3.21
Energy label	cooling			A	A	B
	heating			B	B	C
Annual energy consumption	cooling		kWh	1105	1,560	2,025
Dimensions	HxWxD	mm		165x895x895		230x895x895
Weight		kg		25	31	31
Air flow rate	cooling	H/L	m ³ /min	19/14	29/21	32/23
	heating	H/L	m ³ /min	19/14	29/21	32/23
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
	heating	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type					R-410A	
Power supply		V1			1 ~, 230V, 50Hz	
Infrared remote control					BRC7C528	
Wired remote control					BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RZQ71B8V3	RZQ100B8V3/BW1	RZQ125B8V3/BW1
Dimensions	HxWxD	mm		770x900x320		1,345x900x320
Weight		kg		68	106	106
Sound pressure level (night quiet mode)	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from ~ to	°CDB		-15 ~ 50	
	heating	from ~ to	°CWB		-20 ~ 15.5	
Refrigerant type					R-410A	
Power supply		V3/W1		1 ~, 230V/50Hz		1 ~, 230V, 50Hz, 3N ~, 400V, 50Hz
Piping connections	liquid/gas	mm			ø9.52/ø15.9	
Max. piping length/Max. level difference		m		50/30		75/30



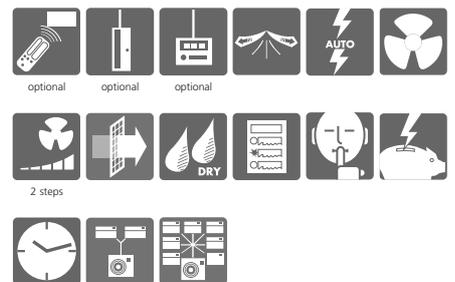
FHQ-B / RKS-D/E

Ceiling suspended unit



- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Easy installation and maintenance

- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FHQ35B	FHQ50B	FHQ60B
Cooling capacity	min ~ nom ~ max	kW	14 ~ 3.4 ~ 3.7	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Nominal input	min ~ nom ~ max	kW	0.3 ~ 1.21 ~ 1.50	0.45 ~ 1.83 ~ 2.02	0.44 ~ 2.15 ~ 2.23
EER			2.81	2.73	2.65
Energy label			C	D	D
Annual energy consumption	cooling	kWh	605	915	1,075
Dimensions	HxWxD	mm		195x960x680	195x1160x680
Weight		kg	24	25	27
Air flow rate	H/L	m ³ /min	13/10	13/10	17/13
Sound pressure level	H/L	dB(A)	37/32	38/33	39/33
Sound power level	H/L	dB(A)	53/48	54/49	55/49
Refrigerant type				R-410A	
Power supply		V1		1 ~, 230V, 50Hz	
Infrared remote control				BRC7666	
Wired remote control				BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RKS35D	RKS50E	RKS60E
Dimensions	HxWxD	mm	550x765x285		735x825x300
Weight		kg	32		47
Sound pressure level	H/L	dB(A)	47/44	47/44	49/46
Sound power level	H	dB(A)	62	61	63
Operation range	from ~ to	°CDB	-10 ~ 46		(-15*) ~ -10 ~ 46
Refrigerant type				R-410A	
Power supply		VM/V1	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		1 ~, 220 ~ 240V, 50Hz
Piping connections	liquid/gas	mm	ø6.4/ø9.5		ø6.4/ø12.7
Max. piping length/Max. level difference		m	20/15		30/20

* Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



FHQ-B / RXS-D/E

Ceiling suspended unit



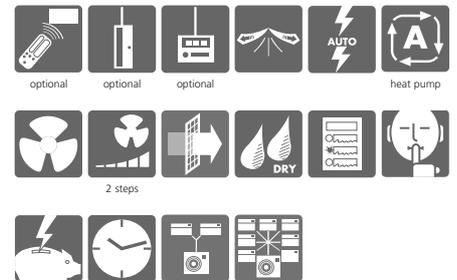
FHQ60B



RXS35D

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Easy installation and maintenance
- Leaves maximum floor and wall space for furniture, decoration and fittings

- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FHQ35B	FHQ50B	FHQ60B
Cooling capacity	min ~ nom ~ max		kW	1.4 ~ 3.4 ~ 3.7	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Heating capacity	min ~ nom ~ max		kW	1.4 ~ 4.1 ~ 5.00	0.90 ~ 6.00 ~ 7.00	0.90 ~ 7.20 ~ 8.00
Nominal input	cooling	min ~ nom ~ max	kW	0.30 ~ 1.21 ~ 1.50	0.45 ~ 1.83 ~ 2.02	0.44 ~ 2.15 ~ 2.23
	heating	min ~ nom ~ max	kW	0.29 ~ 1.18 ~ 1.62	0.36 ~ 2.05 ~ 2.45	0.40 ~ 2.49 ~ 2.75
EER				2.81	2.73	2.65
COP				3.47	2.93	2.89
Energy label	cooling			C	D	D
	heating			B	D	D
Annual energy consumption	cooling		kWh	605	915	1075
Dimensions	HxWxD		mm	195x960x680		195x1160x680
Weight			kg	24	25	27
Air flow rate	cooling	H/L	m ³ /min	13/10	13/10	17/13
	heating	H/L	m ³ /min	13/10	13/10	16/13
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33
	heating	H/L	dB(A)	37/32	38/33	39/33
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49
	heating	H/L	dB(A)	53/48	54/49	55/49
Refrigerant type				R-410A		
Power supply			V1	1 ~, 230V, 50Hz		
Infrared remote control				BRC7663		
Wired remote control				BRC1D52		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RXS35D	RXS50E	RXS60E
Dimensions	HxWxD		mm	550x765x285	735x825x300	
Weight			kg	32	48	
Sound pressure level	cooling	H/L	dB(A)	47/44	47/44	49/46
	heating	H/L	dB(A)	48/45	48/45	49/46
Sound power level	cooling	H	dB(A)	62	61	63
Operation range	cooling	from ~ to	°CDB		-10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20		-15 ~ 18
Refrigerant type				R-410A		
Power supply			VM/V1	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz	1 ~, 220 ~ 240V, 50Hz	
Piping connections	liquid/gas		mm	ø6.4/ø9.5	ø6.4/ø12.7	
Max. piping length/Max. level difference			m	20/15	30/20	



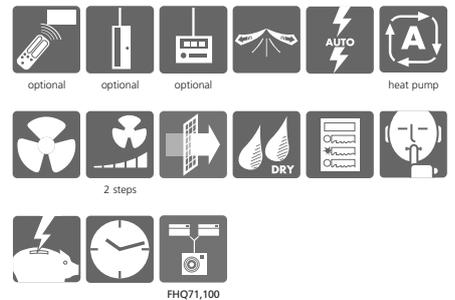
FHQ-B / RZQ-B

Ceiling suspended unit



- The unit has a compact casing
- Easy installation and maintenance
- The ideal solution for shops, restaurants or offices without false ceilings
- Leaves maximum floor and wall space for furniture, decoration and fittings

- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FHQ71B	FHQ100B	FHQ125B
Cooling capacity		min ~ nom ~ max	kW	7.0 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity		min ~ nom ~ max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.46	3.15	4.45
	heating	nominal	kW	2.67	3.60	4.50
EER				2.89	3.17	2.81
COP				3.00	3.11	3.11
Energy label	cooling			C	B	C
	heating			D	D	D
Annual energy consumption	cooling		kWh	1,230	1,575	2,225
Dimensions	HxWxD		mm	195x1160x680	195x1400x680	195x1590x680
Weight			kg	27	32	35
Air flow rate	cooling	H/L	m ³ /min	17/14	24/20	30/25
	heating	H/L	m ³ /min	17/14	24/20	30/25
Sound pressure level	cooling	H/L	dB(A)	39/35	42/37	44/39
	heating	H/L	dB(A)	39/35	42/37	44/39
Sound power level	cooling	H/L	dB(A)	55/51	58/53	60/55
	heating	H/L	dB(A)	55/51	58/53	60/55
Refrigerant type					R-410A	
Power supply			V1		1 ~, 230V, 50Hz	
Infrared remote control					BRC7663	
Wired remote control					BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
 2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RZQ71B8V3	RZQ100B8V3/BW1	RZQ125B8V3/BW1
Dimensions	HxWxD		mm	770x900x320	1,345x900x320	1,345x900x320
Weight			kg	68	106	106
Sound pressure level (night quiet mode)	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from ~ to	°CDB		-15 ~ 50	
	heating	from ~ to	°CWB		-20 ~ 15.5	
Refrigerant type					R-410A	
Power supply			V3/W1	1 ~, 230V, 50Hz	1 ~, 230V, 50Hz, 3N ~, 400V, 50Hz	
Piping connections	liquid/gas		mm		ø9.52/ø15.9	
Max. piping length/Max. level difference			m	50/30		75/30



FHQ-B / RR-B

Ceiling suspended unit



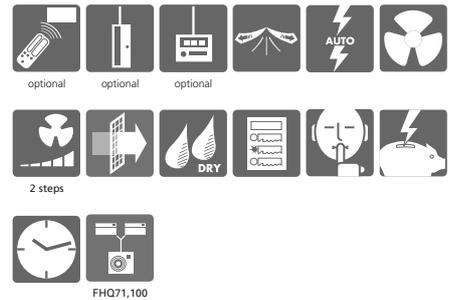
FHQ71B



RR71B

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Leaves maximum floor and wall space for furniture, decoration and fittings

- Easy installation and maintenance
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FHQ71B	FHQ100B	FHQ125B
Cooling capacity	nominal	kW	710	980	1220
Nominal input	nominal	kW	2.70/2.65	3.75/3.68	4.51
EER			2.63/2.68	2.61/2.66	2.71
Energy label			D/D	D/D	D
Annual energy consumption	cooling	kWh	1350/1325	1875/1840	2255
Dimensions	HxWxD	mm	195x1160x680	195x1400x680	195x1590x680
Weight		kg	27	32	35
Air flow rate	H/L	m ³ /min	17/14	24/20	30/25
Sound pressure level	H/L	dB(A)	39/35	42/37	44/39
Sound power level	H/L	dB(A)	55/51	58/53	60/55
Refrigerant type			R-410A		
Power supply		V1	1 ~, 50HZ, 230V		
Infrared remote control			BRC7E66		
Wired remote control			BRC1D52		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
 2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT			RR71BV3/W1	RR100BV3/W1	RR125BW1
Dimensions	HxWxD	mm	770x900x320		1170x900x320
Weight		kg	83/81	102/99	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB		-15 ~ 46	
Refrigerant type			R-410A		
Power supply		V3/W1	1 ~, 50HZ, 230V/3N ~, 50HZ, 400V		
Piping connections	liquid/gas	mm	Ø9.52/Ø15.9		
Max. piping length/Max. level difference		m	70/30		



FHQ-B / RQ-B

Ceiling suspended unit



FHQ71B



RQ71B

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Leaves maximum floor and wall space for furniture, decoration and fittings

- Easy installation and maintenance
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



FHQ71,100

HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)				FHQ71B	FHQ100B	FHQ125B
Cooling capacity	nominal		kW	710	980	1220
Heating capacity	nominal		kW	800	1120	1450
Nominal input	cooling	nominal	kW	2.70/2.65	3.75/3.68	451
	heating	nominal	kW	2.85/2.80	413/4.01	516
EER				2.63/2.68	2.61/2.66	2.71
COP				2.81/2.86	2.71/2.79	2.81
Energy label	cooling			D/D	D/D	D
	heating			D/D	E/E	D
Annual energy consumption	cooling		kWh	1,350/1,325	1,875/1,840	2,250
Dimensions		HxWxD	mm	195x1160x680	195x1,400x680	195x1,590x680
Weight			kg	27	32	35
Air flow rate	cooling	H/L	m ³ /min	17/14	24/20	30/25
	heating	H/L	m ³ /min	17/14	24/20	30/25
Sound pressure level	cooling	H/L	dB(A)	39/35	42/37	44/39
	heating	H/L	dB(A)	39/35	42/37	44/39
Sound power level	cooling	H/L	dB(A)	55/51	58/53	60/55
	heating	H/L	dB(A)	55/51	58/53	60/55
Refrigerant type					R-410A	
Power supply			V1		1~, 50Hz, 230V	
Infrared remote control					BRC7E63	
Wired remote control					BRC1D52	

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).

OUTDOOR UNIT				RQ71BV3/W1	RQ100BV3/W1	RQ125BW1
Dimensions		HxWxD	mm	770x900x320		1,170x900x320
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB		-5 ~ 46	
	heating	from ~ to	°CWB		-10 ~ 15	
Refrigerant type					R-410A	
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		3N~, 50Hz, 400V
Piping connections		liquid/gas	mm		ø9.52/ø15.9	
Max. piping length/Max. level difference			m		70/30	



*Twin / triple / double twin applications
&
Multi Model applications*



It is possible to connect 2,3 or 4 indoor units to a single outdoor unit. The indoor units may be of different types (e.g. 4-way blow ceiling mounted cassette, wall mounted, ...) and even different capacities (e.g. 35 and 71 class).

All indoor units are operated together within the same mode (cooling or heating) from one remote control. This allows equal air distribution, even in larger, irregularly shaped rooms.

The total capacities (outdoor base) for simultaneous operation are the same as for the pair applications.

Connectable indoor units:

Inverter controlled:

- RZQ-B: FCQ35~125B, FFQ35~60B, FBQ35~125B, FHQ35~125B, FUQ71~125B, FAQ71~100B, FDQ125B

Non inverter controlled:

- RR-B, RQ-B: FCQ35~71B, FFQ35~60B, FBQ35~71B, FHQ35~71B, FUQ71B, FAQ71B

POSSIBLE COMBINATIONS

	TWIN			TRIPLE				DOUBLE TWIN
RZQ71 RR71 RQ71	35+35							
RZQ100	50+50			35+35+35				
RR100 RQ100	50+50	50+60	35+71	35+35+35				
RZQ125	60+60			50+50+50				35+35+35+35
RR125 RQ125	60+60	50+71		50+50+50				
RZQ140	71 + 71			50+50+50				35+35+35+35
RZQ200	100+100			60+60+60	71+71+71			50+50+50+50
RZQ250	125+125							60+60+60+60



FFQ, FCQ, FBQ, FHQ FUQ, FAQ + RZQ

FFQ35,50,60B



HEAT PUMP

INDOOR UNIT (air cooled)				FFQ35B	FFQ50B	FFQ60B
Dimensions		HxWxD	mm		286x575x575	
Weight			kg	175	175	175
Air flow rate	cooling	H/L	m ³ /min	10/6.5	12/8	15/10
	heating	H/L	m ³ /min	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	32/25	36/27	41/32
	heating	H/L	dB(A)	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	49	53	58
	heating	H	dB(A)	49	53	58
Refrigerant type				R-410A		
Power supply				1~, 230V, 50Hz		
Infrared remote control				BRC7E530		
Wired remote control				BRC1D52		
				BYFQ60B		
DECORATION PANEL						
Dimensions		HxWxD	mm		55x700x700	
Weight		decoration panel	kg		2.7	

FCQ35,50,60,71B



HEAT PUMP

INDOOR UNIT (air cooled)				FCQ35B	FCQ50B	FCQ60B	FCQ71B	FCQ100B	FCQ125B
Dimensions		HxWxD	mm		230x840x840			288x840x840	
Weight			kg	23	23	23	23	27	27
Air flow rate	cooling	H/L	m ³ /min	14/10	15/11	18/14	18/14	18/21	31/24
	heating	H/L	m ³ /min	14/10	15/11	18/14	18/14	18/21	31/24
Sound pressure level	cooling	H/L	dB(A)	31/27	31/27	33/28	33/28	37/32	40/35
	heating	H/L	dB(A)	31/27	31/27	33/28	33/28	37/32	40/35
Sound power level	cooling	H	dB(A)	48	48	50	50	53	56
Refrigerant type				R-410A					
Power supply				V1/V3					
Power supply				1~, 50Hz, 230V					
Infrared remote control				BRC7C512					
Wired remote control				BRC1D52					
				BYC125K					
DECORATION PANEL									
Dimensions		HxWxD	mm		40x950x950				
Weight		decoration panel	kg		5				

FBQ35,50B



HEAT PUMP

INDOOR UNIT (air cooled)				FBQ35B	FBQ50B	FBQ60B	FBQ71B	FBQ100B	FBQ125B
Dimensions		HxWxD	mm	300x700x800		300x1,000x800		300x1,400x800	
Weight			kg	30	31	41	41	51	52
Air flow rate	cooling	H/L	m ³ /min	11.5/9	14/10	19/14	19/14	27/20	35/24
	heating	H/L	m ³ /min	11.5/9	14/10	19/14	19/14	27/20	35/24
Sound pressure level	cooling	H/L	dB(A)	33/29	33/29	34/30	34/30	36/31	38/32
	heating	H/L	dB(A)	33/29	33/29	34/30	34/30	36/31	38/32
Sound power level	cooling	H	dB(A)	52	53	60	60	62	63
Refrigerant type				R-410A					
Power supply				V1/V3					
Power supply				1~, 50Hz, 230V					
Wired remote control				BRC1D52					
				BYBS45D		BYBS71D		BYBS125D	
DECORATION PANEL									
Dimensions		HxWxD	mm	55x880x500		55x1,000x500		55x1,400x500	
Weight		decoration panel	kg	3.5		4.5		6.5	

FHQ60B



HEAT PUMP

INDOOR UNIT (air cooled)				FHQ35B	FHQ50B	FHQ60B	FHQ71B	FHQ100B	FHQ125B
Dimensions		HxWxD	mm	195x960x680		195x1160x680	195x1160x680	195x1400x680	195x1590x680
Weight			kg	24	25	27	27	32	35
Air flow rate	cooling	H/L	m ³ /min	13/10	13/10	17/13	17/14	24/20	30/25
	heating	H/L	m ³ /min	13/10	13/10	17/13	17/14	24/20	30/25
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33	39/35	42/37	44/39
	heating	H/L	dB(A)	37/32	38/33	39/33	39/35	42/37	44/39
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49	55/51	58/53	60/55
	heating	H/L	dB(A)	53/48	54/49	55/49	55/51	58/53	60/55
Refrigerant type				R-410A					
Power supply			V1	1 ~, 50Hz, 230V					
Infrared remote control				BRC7E63					
Wired remote control				BRC1D52					

FUQ71B



HEAT PUMP

INDOOR UNIT (air cooled)				FUQ71B	FUQ100B	FUQ125B
Dimensions		HxWxD	mm	230x895x895		
Weight			kg	25	31	31
Air flow rate	cooling	H/L	m ³ /min	19/14	29/21	32/23
	heating	H/L	m ³ /min	19/14	29/21	32/23
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
	heating	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type				R-410A		
Power supply			V1	1 ~, 50Hz, 230V		
Infrared remote control				BRC7C528		
Wired remote control				BRC1D52		

FAQ71B



HEAT PUMP

INDOOR UNIT (air cooled)				FAQ71B	FAQ100B
Dimensions		HxWxD	mm	290x1,050x230	
Weight			kg	13	26
Air flow rate	cooling	H/L	m ³ /min	19/15	23/19
	heating	H/L	m ³ /min	19/15	23/19
Sound pressure level	cooling	H/L	dB(A)	43/37	45/41
	heating	H/L	dB(A)	43/37	45/41
Sound power level	cooling	H/L	dB(A)	59/53	61/57
	heating	H/L	dB(A)	59/53	61/57
Refrigerant type				R-410A	
Power supply			V1	1 ~, 50Hz, 230V	
Infrared remote control				BRC7E618	BRC7C510
Wired remote control				BRC1D52	

OUTDOOR UNIT

INVERTER

RZQ100-125-140B



				RZQ71B8V3	RZQ100B8V3/BW1	RZQ125B8V3/BW1	RZQ140BW1	RZQ200BW1	RZQ250BW1	
Dimensions		HxWxD	mm	770x900x320		1,345x900x320		1,600x930x765		
Weight			kg	68	106	106	106	225	226	
Sound pressure level (night quiet mode)	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)	50 (45)	57 (nom)	57 (nom)	
	heating	H	dB(A)	49	51	52	52	-	-	
Sound power level	cooling	H	dB(A)	63	65	66	66	78 (nom)	78 (nom)	
	heating	H	dB(A)							
Operation range	cooling	from ~ to	°CDB	-15 ~ 50					-5 ~ 46	
	heating	from ~ to	°CWB	-20 ~ 15.5					-15 ~ 15	
Refrigerant type				R-410A						
Power supply			V3/W1	1 ~, 230V, 50Hz		1 ~, 230V, 50Hz / 3N ~, 400V, 50Hz		3N ~, 400V, 50Hz		
Piping connections			liquid/gas	mm		mm		mm		
Max. piping length/Max. level difference			m	50/30		75/30		100/30		

- This information was not available at the time of publication.



FFQ, FCQ, FBQ, FHQ FUQ, FAQ + RR

FFQ35,50,60B



COOLING ONLY

INDOOR UNIT (air cooled)				FFQ35B	FFQ50B	FFQ60B
Dimensions	HxWxD		mm	286x575x575		
Weight			kg	175	175	175
Air flow rate	cooling	H/L	m ³ /min	10/6.5	12/8	15/10
	heating	H/L	m ³ /min	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	32/25	36/27	41/32
	heating	H/L	dB(A)	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	49	53	58
	heating	H	dB(A)	49	53	58
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Infrared remote control				BRC7E530W		
Wired remote control				BRC1D52		
DECORATION PANEL				BYFQ60B		
Dimensions (HxWxD)	decoration panel	mm		55x700x700		
Weight	decoration panel	kg		2.7		

FCQ35,50,60,71B



COOLING ONLY

INDOOR UNIT (air cooled)				FCQ35B	FCQ50B	FCQ60B	FCQ71B
Dimensions	HxWxD		mm	230x840x840			
Weight			kg	23	23	23	23
Air flow rate	H/L		m ³ /min	14/10	15/11	18/14	18/14
Sound pressure level	H/L		dB(A)	31/27	31/27	33/28	33/28
Sound power level	H		dB(A)	48	48	50	50
Refrigerant type				R-410A			
Power supply			V1/V3	1~, 50Hz, 230V			
Infrared remote control				BRC7C513			
Wired remote control				BRC1D52			
DECORATION PANEL				BYC125K			
Dimensions	HxWxD	decoration panel	mm	40x950x950			
Weight	decoration panel	kg		5			

FBQ35,50B



COOLING ONLY

INDOOR UNIT (air cooled)				FBQ35B	FBQ50B	FBQ60B	FBQ71B
Dimensions	HxWxD		mm	300x700x800		300x1,000x800	
Weight			kg	30	31	41	41
Air flow rate	H/L		m ³ /min	11.5/9	14/10	19/14	19/14
Sound pressure level	H/L		dB(A)	33/29	33/29	34/30	34/30
Sound power level	H		dB(A)	52	53	60	60
Power supply			V1/V3	1~, 50Hz, 230V			
Wired remote control				BRC1D52			
DECORATION PANEL				BYB545D		BYB571D	
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,100x500	
Weight	decoration panel	kg		3.5		4.5	

FHQ60,71B



COOLING ONLY

INDOOR UNIT (air cooled)			FHQ35B	FHQ50B	FHQ60B	FHQ71B
Dimensions	HxWxD	mm	195x960x680		195x1160x680	
Weight		kg	24	25	27	27
Air flow rate	H/L	m ³ /min	13/10	13/10	17/13	17/14
Sound pressure level	H/L	dB(A)	37/32	38/33	39/33	39/35
Sound power level	H/L	dB(A)	53/48	54/49	55/49	55/51
Refrigerant type			R-410A			
Power supply		V1	1~, 50Hz, 230V			
Infrared remote control			BRC7E63			
Wired remote control			BRC1D52			

FUQ71B



COOLING ONLY

INDOOR UNIT (air cooled)			FUQ71B
Dimensions	HxWxD	mm	165x895x895
Weight		kg	25
Air flow rate	H/L	m ³ /min	19/14
Sound pressure level	H/L	dB(A)	40/35
Sound power level	H/L	dB(A)	56/51
Refrigerant type			R-410A
Power supply		V1	1~, 50Hz, 230V
Infrared remote control			BRC7C529
Wired remote control			BRC1D52

FAQ71B



COOLING ONLY

INDOOR UNIT (air cooled)			FAQ71B
Dimensions	HxWxD	mm	290x1050x230
Weight		kg	13
Air flow rate	H/L	m ³ /min	19/15
Sound pressure level	H/L	dB(A)	43/37
Sound power level	H/L	dB(A)	59/53
Refrigerant type			R-410A
Power supply		V1	1~, 50Hz, 230V
Infrared remote control			BRC7E619
Wired remote control			BRC1D52

RR125B



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			RR71BV3/W1	RR100BV3/W1	RR125BW1
Dimensions	HxWxD	mm	770x900x320	1170x900x320	
Weight		kg	83/81	102/99	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB	-15~46		
Refrigerant type			R-410A		
Power supply		V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		3N~, 50Hz, 400V
Piping connections	liquid/gas	mm	ø9.52/ø15.9		
Max. piping length/Max. level difference		m	70/30		



FFQ, FCQ, FBQ, FHQ FUQ, FAQ + RQ

FFQ35,50,60B



HEAT PUMP

INDOOR UNIT (air cooled)				FFQ35B	FFQ50B	FFQ60B
Dimensions		HxWxD	mm		286x575x575	
Weight			kg	175	175	175
Air flow rate	cooling	H/L	m ³ /min	10/6.5	12/8	15/10
	heating	H/L	m ³ /min	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	32/25	36/27	41/32
	heating	H/L	dB(A)	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	49	53	58
	heating	H	dB(A)	49	53	58
Refrigerant type				R-410A		
Power supply				1~, 230V, 50Hz		
Infrared remote control				BRC7E530		
Wired remote control				BRC1D52		
DECORATION PANEL				BYFQ60B		
Dimensions	HxWxD	decoration panel	mm	55x700x700		
Weight		decoration panel	kg	2.7		

FCQ35,50,60,71B



HEAT PUMP

INDOOR UNIT (air cooled)				FCQ35B	FCQ50B	FCQ60B	FCQ71B
Dimensions		HxWxD	mm		230x840x840		
Weight			kg	23	23	23	23
Air flow rate	cooling	H/L	m ³ /min	14/10	15/11	18/14	18/14
	heating	H/L	m ³ /min	14/10	15/11	18/14	18/14
Sound pressure level	cooling	H/L	dB(A)	31/27	31/27	33/28	33/28
	heating	H/L	dB(A)	31/27	31/27	33/28	33/28
Sound power level	cooling	H	dB(A)	48	48	50	50
Refrigerant type				R-410A			
Power supply				1~, 50Hz, 230V			
Infrared remote control				BRC7E530			
Wired remote control				BRC1D52			
DECORATION PANEL				BYC125K			
Dimensions	HxWxD	decoration panel	mm	40x950x950			
Weight		decoration panel	kg	5			

FBQ35,50B



HEAT PUMP

INDOOR UNIT (air cooled)				FBQ35B	FBQ50B	FBQ60B	FBQ71B
Dimensions		HxWxD	mm	300x700x800		300x1,000x800	
Weight			kg	30	31	41	41
Air flow rate	cooling	H/L	m ³ /min	11.5/9	14/10	19/14	19/14
	heating	H/L	m ³ /min	11.5/9	14/10	19/14	19/14
Sound pressure level	cooling	H/L	dB(A)	33/29	33/29	34/30	34/30
	heating	H/L	dB(A)	33/29	33/29	34/30	34/30
Sound power level	cooling	H	dB(A)	52	53	60	60
Refrigerant type				R-410A			
Power supply				1~, 50Hz, 230V			
Wired remote control				BRC1D52			
DECORATION PANEL				BYB545D		BYB571D	
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500	
Weight		decoration panel	kg	3.5		4.5	

FHQ60,71B



HEAT PUMP

INDOOR UNIT (air cooled)				FHQ35B	FHQ50B	FHQ60B	FHQ71B
Dimensions		HxWxD	mm	195x960x680		195x1160x680	
Weight			kg	24	25	27	27
Air flow rate	cooling	H/L	m ³ /min	13/10	13/10	17/13	17/14
	heating	H/L	m ³ /min	13/10	13/10	17/13	17/14
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33	39/35
	heating	H/L	dB(A)	37/32	38/33	39/33	39/35
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49	55/51
	heating	H/L	dB(A)	53/48	54/49	55/49	55/51
Refrigerant type				R-410A			
Power supply			V1	1~, 50Hz, 230V			
Infrared remote control				BRC7E63			
Wired remote control				BRC1D52			

FUQ71B



HEAT PUMP

INDOOR UNIT (air cooled)				FUQ71B			
Dimensions		HxWxD	mm	165x895x895			
Weight			kg	25			
Air flow rate	cooling	H/L	m ³ /min	19/14			
	heating	H/L	m ³ /min	19/14			
Sound pressure level	cooling	H/L	dB(A)	40/35			
	heating	H/L	dB(A)	40/35			
Sound power level	cooling	H/L	dB(A)	56/51			
	heating	H/L	dB(A)	56/51			
Refrigerant type				R-410A			
Power supply			V1	1~, 50Hz, 230V			
Infrared remote control				BRC7C528			
Wired remote control				BRC1D52			

FAQ71B



HEAT PUMP

INDOOR UNIT (air cooled)				FAQ71B			
Dimensions		HxWxD	mm	290x1,050x230			
Weight			kg	13			
Air flow rate	cooling	H/L	m ³ /min	19/15			
	heating	H/L	m ³ /min	19/15			
Sound pressure level	cooling	H/L	dB(A)	43/37			
	heating	H/L	dB(A)	43/37			
Sound power level	cooling	H/L	dB(A)	59/53			
	heating	H/L	dB(A)	59/53			
Refrigerant type				R-410A			
Power supply			V1	1~, 50Hz, 230V			
Infrared remote control				BRC7E618			
Wired remote control				BRC1D52			

RQ71B



OUTDOOR UNIT

NON-INVERTER

				RQ71BV3/W1	RQ100BV3/W1	RQ125BW1
Dimensions		HxWxD	mm	770x900x320		1,170x900x320
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	H	dB(A)	50	53	53
	heating	H	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB	-5 ~ 46		
	heating	from ~ to	°CWB	-10 ~ 15		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		3N~, 50Hz, 400V
Piping connections		liquid/gas	mm	ø9.52/ø15.9		
Max. piping length/Max. level difference			m	70/30		



MKS-D/E

Multi model application -
inverter controlled

new



2MKS40D



3MKS50E,4MKS58,75E



5MKS90E

CONNECTABLE INDOOR UNITS

	2MKS40D	3MKS50E	4MKS58E	4MKS75E	5MKS90E
Wall mounted unit	FTKS20,25,35DW/L	FTKS20,25,35DW/L	FTKS20,25,35DW/L / FTKS50DW/L	FTKS20,25,35DW/L / FTKS50DW/L	FTKS20,25,35DW/L / FTKS50DW/L
Wall mounted unit	FTKS20,25,35C	FTKS20,25,35C	FTKS20,25,35C/FTKS50E	FTKS20,25,35C/FTKS50,60,71E	FTKS20,25,35C/FTKS50,60,71E
Floor standing unit	-	FVKS25,35B	FVKS25,35,50B	FVKS25,35,50B	FVKS25,35,50B
Flexi type unit	FLKS25,35B	FLKS25,35B	FLKS25,35,50B	FLKS25,35,50,60B	FLKS25,35,50,60B
Slim concealed ceiling unit	FDKS25,35E/C	FDKS25,35E/C	FDKS25,35E/C / FDKS50C	FDKS25,35E/C/FDKS50,60C	FDKS25,35E/C/FDKS50,60C
Concealed ceiling unit	-	-	FDBQ25B / FBQ35,50B	FDBQ25B / FBQ35,50,60B	FDBQ25B / FBQ35,50,60B
4-way blow ceiling mounted cassette (600x600)	-	-	FFQ25,35,50B	FFQ25,35,50,60B	FFQ25,35,50,60B
4-way blow ceiling mounted cassette	-	-	FCQ35,50B	FCQ35,50,60B	FCQ35,50,60B
Ceiling suspended cassette	-	-	FHQ35,50B	FHQ35,50,60B	FHQ35,50,60B

COOLING ONLY

INDOOR UNIT			FTKS20DW/L	FTKS25DW/L	FTKS35DW/L	FTKS50DW/L	FTKS60E	FTKS71E
Dimensions	HxWxD	mm	283x800x195				290x1050x238	
Weight		kg	9	9	9	9	12	16
Air flow rate	cooling	H/L/SL m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.9/4.0	11.4/7.1/6.2	16.2/11.4/10.2	16.7/11.6/10.6
Sound pressure level	cooling	H/L/SL dB(A)	38/25/22	38/25/22	39/26/23	46/35/32	45/36/33	46/37/34
Sound power level	cooling	H dB(A)	56	56	57	62	61	63
Infrared remote control			ARC433A43				ARC433B21	

INDOOR UNIT			FLKS25B	FLKS35B	FLKS50B	FLKS60B
Dimensions	HxWxD	mm	490x1050x200			
Weight		kg	16		17	17
Air flow rate	cooling	H/L/SL m ³ /min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
Sound pressure level	cooling	H/L/SL dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
Sound power level	cooling	H dB(A)	53	54	63	64
Infrared remote control			ARC433A6			

INDOOR UNIT			FVKS25B	FVKS35B	FVKS50B
Dimensions	HxWxD	mm	600x650x195		
Weight		kg	13		
Air flow rate		H/L/SL m ³ /min	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
Sound pressure level		H/L/SL dB(A)	38/26/23	39/27/24	44/36/33
Sound power level		H dB(A)	54	55	56
Infrared remote control			ARC433A6		

COOLING ONLY

INDOOR UNIT			FDKS25E	FDKS35E	FDKS50C	FDKS60C
Dimensions	HxWxD	mm	200x700x620		200x900x620	200x1100x620
Weight		kg	21		27	30
Air flow rate	H/L/SL	m ³ /min	8.7/73/62	8.7/73/62	12.0/10.0/8.4	16.0/13.5/11.2
Sound pressure level	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	H	dB(A)	53	53	55	56
Infrared remote control					ARC433A8	

INDOOR UNIT			FDBQ25B			
Dimensions	HxWxD	mm	230x652x502			
Weight		kg	17			
Air flow rate	H/L	m ³ /min	6.5/5.2			
Sound pressure level	H/L	dB(A)	35/28			
Sound power level	H	dB(A)	55			
Wired remote control			BRC1D52			

INDOOR UNIT			FBQ35B	FBQ50B	FBQ60B
Dimensions	HxWxD	mm	300x700x800		300x1000x800
Weight		kg	30	31	41
Air flow rate	H/L	m ³ /min	11.5/9	14/10	19/14
Sound pressure level	H/L	dB(A)	33/29	33/29	34/30
Sound power level	H	dB(A)	52	53	60
Wired remote control				BRC1D52	
DECORATION PANEL			BYB545D		BYB571D
Dimensions	HxWxD	decoration panel	mm	55x880x500	55x1000x500
Weight		decoration panel	kg	3.5	4.5

INDOOR UNIT			FCQ35B	FCQ50B	FCQ60B
Dimensions	HxWxD	mm	230x840x840		
Weight		kg	23	23	23
Air flow rate	H/L	m ³ /min	14/10	15/11	18/14
Sound pressure level	H/L	dB(A)	31/27	31/27	33/28
Sound power level	H	dB(A)	48	48	50
Infrared remote control				BRC7C513	
Wired remote control				BRC1D52	
DECORATION PANEL			BYC125K		
Dimensions	HxWxD	decoration panel	mm	40x950x950	
Weight		decoration panel	kg	5	

INDOOR UNIT			FFQ25B	FFQ35B	FFQ50B	FFQ60B
Dimensions	HxWxD	mm	286x575x575			
Weight		kg	17.5	17.5	17.5	17.5
Air flow rate	H/L	m ³ /min	9/6.5	10/6.5	12/8	15/10
Sound pressure level	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level	H	dB(A)	46.5	49	53	58
Infrared remote control				BRC7E531		
Wired remote control				BRC1D52		
DECORATION PANEL			BYFQ60B			
Dimensions	HxWxD	decoration panel	mm	55x700x700		
Weight		decoration panel	kg	2.7		

INDOOR UNIT			FHQ35B	FHQ50B	FHQ60B
Dimensions	HxWxD	mm	195x960x680		195x1160x680
Weight		kg	24	25	27
Air flow rate	H/L	m ³ /min	13/10	13/10	17/13
Sound pressure level	H/L	dB(A)	37/32	38/33	39/33
Sound power level	H/L	dB(A)	53/48	54/49	55/49
Infrared remote control				BRC7E66	
Wired remote control				BRC1D52	

OUTDOOR UNIT			2MKS40D	3MKS50E	4MKS58E	4MKS75E	5MKS90E
Dimensions	HxWxD	mm	640x685x285		735x936x300		770x900x320
Weight		kg	39	55	55	58	69
Sound pressure level	H/L	dB(A)	47/43	46/43	46/43	48/-	48/-
Sound power level	H	dB(A)	62	59	59	61	61
Operation range	from ~ to	°CDB	+10 ~ 46			-10 ~ 46	
Refrigerant type					R-410A		
Power supply		VM/V1	1 ~, 220-240/220-230V, 50/60Hz		1 ~, 220-240V, 50Hz		
Piping connections	liquid	mm	ø6.4x2	ø6.4x3	ø6.4x4	ø6.4x4	ø6.4x5
	gas	mm	ø9.5x2	ø9.5x3	ø9.5x2 / ø12.7x2	ø9.5x2 / ø12.7x1 / ø15.9x1	ø9.5x2 / ø12.7x1 / ø15.9x2
Max. piping length	for total of each room	m	30	45		60	75
	for one room	m	20			25	
Max. level difference	between indoor and outdoor	m					15
	between indoor units	m					7.5

- This information was not available at the time of publication.



MXS-D/E

Multi model application -
inverter controlled

new



2MXS40D



2,3MXS52E/4MXS68E



4MXS80/5MXS90E

CONNECTABLE INDOOR UNITS

	2MXS40D	2MXS52E	3MXS52E	4MXS68E	4MXS80/5MXS90E
Stylish wall mounted unit	FTXG25,35E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E
Wall mounted unit	FTXS20,25,35DW/L	FTXS20,25,35DW/L	FTXS25,25,35DW/L / FTXS50DW/L	FTXS25,25,35DW/L / FTXS50DW/L	FTXS25,25,35DW/L / FTXS50DW/L
Floor standing unit	-	-	-	FTXS60E	FTXS60,71E
Floor standing unit	-	FVXS25,335,50B	FVXS25,35,50B	FVXS25,35,50B	FVXS25,35,50B
Flexi type unit	FLXS25,35B	FLXS25,35B	FLXS25,35,50B	FLXS25,35,50,60B	FLXS25,35,50,60B
Slim concealed ceiling unit	FDXS25,35E	FDXS25,35E/FDXS50C	FDXS25,35E / FDXS50C	FDXS25,35E / FDXS50,60C	FDXS25,35E / FDXS50,60C
Concealed ceiling unit	-	FDBQ25B / FBQ35,50B	FDBQ25B / FBQ35,50B	FDBQ25B / FBQ35,50,60B	FDBQ25B / FBQ35,50,60B
4-way blow ceiling mounted cassette (600x600)	-	FFQ25,35,50B	FFQ25,35,50B	FFQ25,35,50,60B	FFQ25,35,50,60B
4-way blow ceiling mounted cassette	-	FCQ35,50B	FCQ35,50B	FCQ35,50,60B	FCQ35,50,60B
Ceiling suspended cassette	-	FHQ35,50B	FHQ35,50B	FHQ35,50,60B	FHQ35,50,60B

HEAT PUMP

INDOOR UNIT				FTXG25E	FTXG35E	CTXG50E
Dimensions		HxWxD	mm	275x840x150		
Weight			kg	9		
Air flow rate	cooling	H/L/SL	m ³ /min	7.7/4.7/3.8	8.1/4.9/4.1	11.3/7.1/6.7
	heating	H/L/SL	m ³ /min	9.0/6.7/5.4	9.6/6.7/5.9	12.6/8.7/7.7
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	39/26/23	47/35/32
	heating	H/L/SL	dB(A)	38/28/25	39/29/26	47/35/32
Sound power level	cooling	H	dB(A)	56	57	64
Infrared remote control				ARC433A41		

INDOOR UNIT				FTXS20DW/L	FTXS25DW/L	FTXS35DW/L	FTXS50DW/L	FTXS60E	FTXS71E	
Dimensions		HxWxD	mm	283x800x195					290x1050x238	
Weight			kg	9	9	9	9	12	12	
Air flow rate	cooling	H/L/SL	m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7.1/6.2	16.2/11.4/10.2	16.7/11.6/10.6	
	heating	H/L/SL	m ³ /min	9.4/5.8/5.0	9.4/5.8/5.0	9.7/6.0/5.2	11.4/7.4/6.3	17.4/12.7/11.4	18.5/13.5/12.1	
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32	45/36/33	46/37/34	
	heating	H/L/SL	dB(A)	38/28/25	38/28/25	39/29/26	46/34/31	44/35/32	46/37/34	
Sound power level	cooling	H	dB(A)	56	56	57	62	61	63	
Infrared remote control				ARC433A50					ARC433B22	

HEAT PUMP

INDOOR UNIT				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Dimensions		HxWxD	mm	490x1050x200			
Weight			kg	16			
Air flow rate (H/L)	cooling	H/L/SL	m ³ /min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
	heating	H/L/SL	m ³ /min	9.2/7.4/6.6	9.8/8.0/7.2	12.1/7.5/6.8	12.8/8.4/7.5
Sound pressure level (H/L/SL)	cooling	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
	heating	H/L/SL	dB(A)	37/31/29	39/33/30	46/35/33	47/37/34
Sound power level (H)	cooling	H	dB(A)	53	54	63	64
Infrared remote control				ARC33A5			

INDOOR UNIT				FVXS25B	FVXS35B	FVXS50B
Dimensions		HxWxD	mm	600x650x195		
Weight			kg	13		
Air flow rate	cooling	H/L/SL	m ³ /min	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
	heating	H/L/SL	m ³ /min	9.2/4.8/3.5	9.2/5.0/3.6	13.2/9.4/8.3
Sound pressure level	cooling	H/L/SL	dB(A)	38/26/23	39/27/24	44/36/33
	heating	H/L/SL	dB(A)	38/26/23	39/29/36	45/36/33
Sound power level	cooling	H	dB(A)	54	55	56
Infrared remote control				ARC433A5		

INDOOR UNIT				FDXS25E	FDXS35E	FDXS50C	FDXS60C
Dimensions		HxWxD	mm	200x700x620		200x900x620	200x1100x620
Weight			kg	21		27	30
Air flow rate	cooling	H/L/SL	m ³ /min	8.7/7.3/6.2	8.7/7.3/6.2	12.0/10.0/8.4	16.0/13.5/11.2
	heating	H/L/SL	m ³ /min	8.7/7.3/6.2	8.7/7.3/6.2	12.0/10.0/8.4	16.0/13.5/11.2
Sound pressure level	cooling	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
	heating	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	cooling	H	dB(A)	53	53	55	56
Infrared remote control				ARC433A7			

INDOOR UNIT				FDBQ25B
Dimensions		HxWxD	mm	230x652x502
Weight			kg	17
Air flow rate	cooling	H/L	m ³ /min	6.5/5.2
Sound pressure level	cooling	H/L	dB(A)	35/28
	heating	H/L	dB(A)	35/29
Sound power level	cooling	H	dB(A)	55
Wired remote control				BRC1D52

INDOOR UNIT				FBQ35B	FBQ50B	FBQ60B
Dimensions		HxWxD	mm	300x700x800		
Weight			kg	30	31	41
Air flow rate	cooling	H/L	m ³ /min	11.5/9	14/10	19/14
Sound pressure level	cooling	H/L	dB(A)	33/29		34/30
	heating	H/L	dB(A)	33/29		34/30
Sound power level	cooling	H	dB(A)	52	53	60
Wired remote control				BRC1D52		
DECORATION PANEL				BYB545D		
Dimensions		HxWxD	decoration panel	55x880x500		55x1000x500
Weight			decoration panel	3.5		4.5

HEAT PUMP

INDOOR UNIT				FCQ35B	FCQ50B	FCQ60B
Dimensions		HxWxD	mm	230x840x840		
Weight			kg	23	23	23
Air flow rate	cooling	H/L	m ³ /min	14/10	15/11	18/14
Sound pressure level	cooling	H/L	dB(A)		31/27	33/28
	heating	H/L	dB(A)		31/27	33/28
Sound power level	cooling	H	dB(A)	48		50
Infrared remote control					BRC7C512	
Wired remote control					BRC1D52	
DECORATION PANEL					BYC125K	
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

INDOOR UNIT				FFQ25B	FFQ35B	FFQ50B	FFQ60B
Dimensions		HxWxD	mm	286x575x575			
Weight			kg	175	175	175	175
Air flow rate	cooling	H/L	m ³ /min	9/6.5	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
	heating	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	46.5	49	53	58
Infrared remote control					BRC7E530		
Wired remote control					BRC1D52		
DECORATION PANEL					BYFQ60B		
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

INDOOR UNIT				FHQ35B	FHQ50B	FHQ60B
Dimensions		HxWxD	mm	195x960x680		
Weight			kg	24	25	27
Air flow rate	cooling	H/L	m ³ /min	13/10	13/10	17/13
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33
	heating	H/L	dB(A)	37/32	38/33	39/33
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49
Infrared remote control					BRC7E63	
Wired remote control					BRC1D52	

OUTDOOR UNIT				2MXS40D	2MXS52E	3MXS52E	4MXS68E	4MXS80E	5MXS90E
Dimensions		HxWxD	mm	640x685x285		735x936x300			770x900x320
Weight			kg	39	55	55	59	72	73
Sound pressure level	cooling	H/L	dB(A)	47/43	46/43	46/43	48/-	48/-	52/-
	heating	H/L	dB(A)	48/44	47/44	47/44	49/-	49/-	52/-
Sound power level	cooling	H	dB(A)	62	59	59	61	61	65
Operation range	cooling	from ~ to	°CDB	+10 ~ 46			-10 ~ 46		
	heating	from ~ to	°CDB	-10 ~ 15.5			-15 ~ 15.5		
Refrigerant type						R-410A			
Power supply		VM/V1		1~, 220-240/220-230V, 50/60Hz			1~, 220-240V, 50Hz		
Piping connections	liquid		mm	ø6.4x2	ø6.4x3	ø6.4x3	ø6.4x4	ø6.4x4	ø6.4x5
	gas		mm	ø9.5x2	ø9.5x2/ø12.7x1	ø9.5x2/ø12.7x1	ø9.5x2/ø12.7x2	ø9.5x1/ø12.7x1/ø15.9x2	ø9.5x2/ø12.7x1/ø15.9x2
Max. piping length	for total of each room		m	30	45		60	70	75
	for one room		m	20			25		
Max. level difference	between indoor and outdoor		m				15		
	between indoor units		m				75		

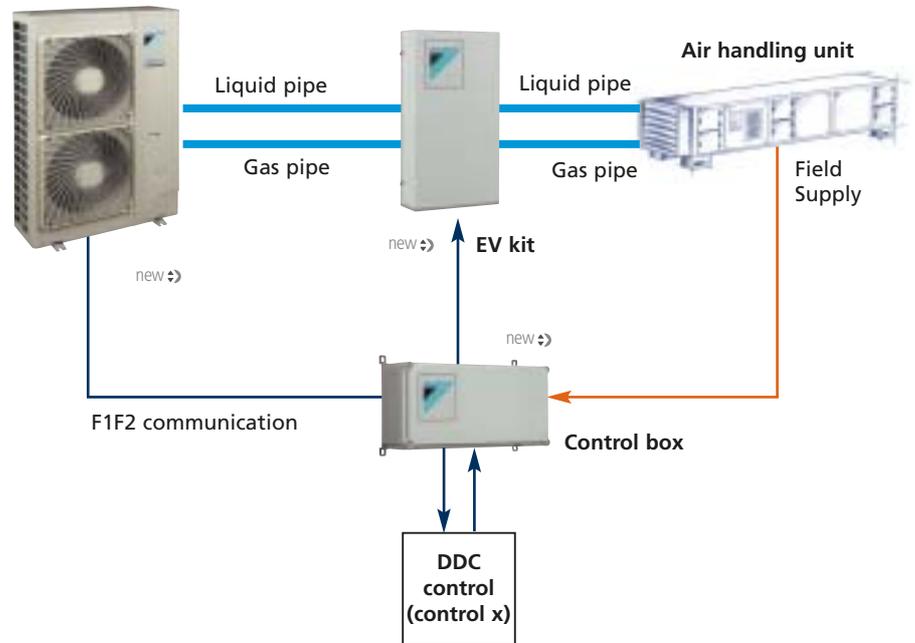
- This information was not available at the time of publication.



Condensing units for air handling applications (pair)

A new range of R-410A inverter condensing units for pair application with air handling units.

- Inverter controlled units
- Large capacity range (from 71 to 250 class)
- Cooling only
- R-410A
- Flexible control possibilities:
 - **Control x:**
control of air temperature (discharge temperature, suction temperature, room temperature) via external device (DDC controller)
 - **Control y:**
control of evaporating temperature via Daikin control (no DDC controller needed)
 - **Control z:**
control of air temperature (suction temperature, room temperature via Daikin control (no DDC controller needed)
- Large range of expansion valve kits available



OUTDOOR UNIT			ERX100AV3	ERX125AV3	ERX125AW1	ERX140AV3	ERX200AW1	ERX250AW1
Dimensions	HxWxD	mm	1,345x900x320		1,660x635x765	1,345x900x320		1,600x930x765
Weight		kg	127		160	127		230
Sound pressure level	cooling	nominal	51		52	54		70
		nominal	67		68	70		70
Operation range	cooling	min-max	-5 ~ 46		-5 ~ 43	-5 ~ 46		-5 ~ 43
Refrigerant type			R-410A		R-410A	R-410A		R-410A
Piping connections	liquid	mm	ø95.2			ø95.2		
	gas	mm	ø15.9			ø19.1		
	drain	mm	ø26.3			ø26.3		
Piping length		min	5			5		
		max	55			55		
Installation height difference		max	≤30			30		
Power supply		V3/N/1	1 ~, 230V, 50Hz			1 ~, 230V, 50Hz		1 ~, 230V, 50Hz

COMBINATION TABLE

Outdoor unit	Control box		Expansion valve kit									Other options		
	control z	control x or y	class 40-50	class 63	class 80	class 100	class 125	class 140	class 200	class 250	Central drain kit	Central drain pan kit		
	EKEXDCB	EKEXFCB	EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250	KKPJ5F180	KWC26B160	KWC26B280	
1ph	ERX100AV3	P	P	-	P	P	P	P	-	-	-	X	-	-
	ERX125AV3	P	P	-	P	P	P	P	P	-	-	X	-	-
	ERX140AV3	P	P	-	-	P	P	P	P	-	-	X	-	-
3ph	ERX125AW1	P	P	-	P	P	P	P	-	-	-	-	X	-
	ERX200AW1	P	P	-	-	-	P	P	P	P	P	-	-	X
	ERX250AW1	P	P	-	-	-	-	P	P	P	P	-	-	X

P: Pair: Combination depending on air handling units coils volume.
x: Possibility to connect.

Air handling applications (multi)

- Ventilation and air conditioning in 1 solution
- R-410A refrigerant
- Connectable to cooling only VRVIII, 5-18HP
- Inverter technology

- EKEXV-kit & control boxes are designed for outdoor installation and can be wall mounted
- Per EKEXV-kit/control box, only 1 air handling unit can be connected
- EKEXV-kits have 8 different capacity classes: 50,63,80,100,125,140, 200,250
- Control x: control of air temperature (discharge temperature, suction temperature, room temperature) via external device (DDC controller)

Control y: control of evaporating temperature via Daikin control (no DDC controller needed)

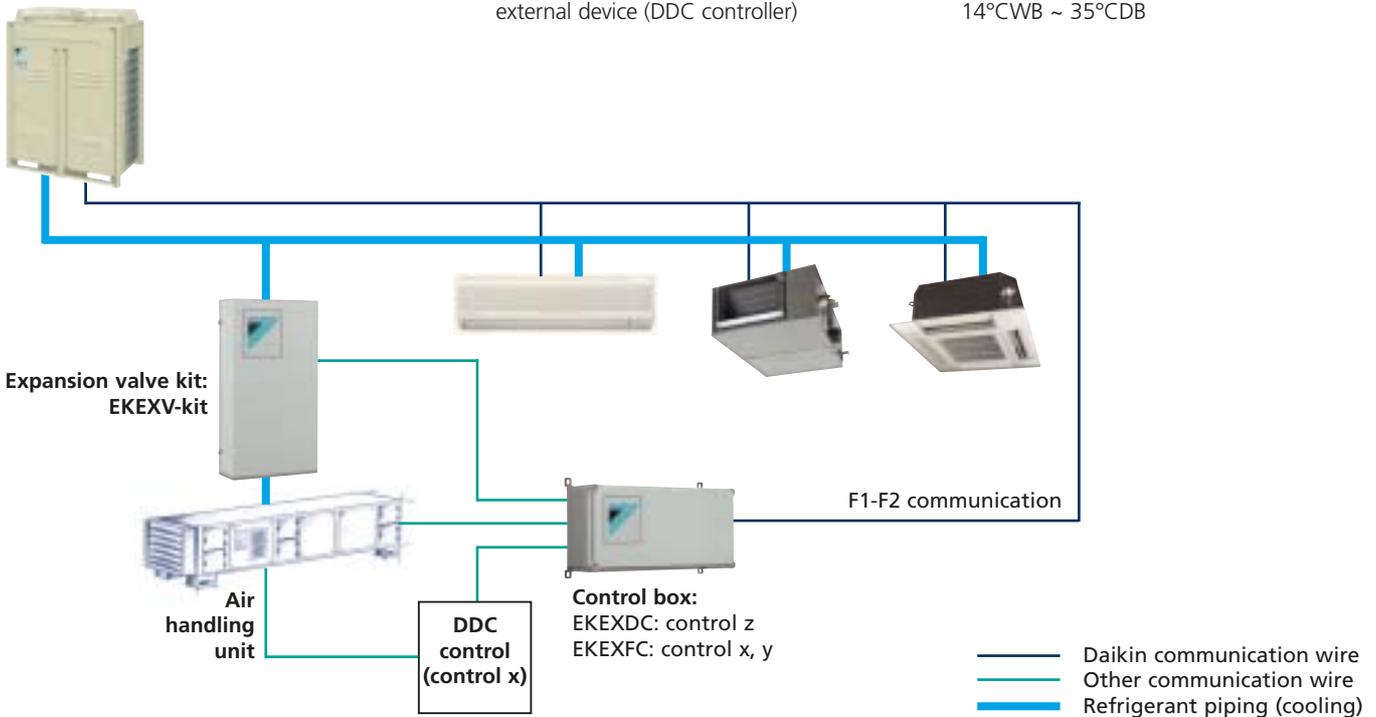
Control z: control of air temperature (suction temperature, room temperature) via Daikin control (no DDC controller needed)

- Outdoor unit operation range:

-5°CDB ~ 43°CDB

- Air handling unit operation range:

14°CWB ~ 35°CDB



VRVIII COOLING ONLY

RXQ-P7			5	8	10	12	14	16	18	
Number of connectable indoor units			12	22	25	30	36	40	44	
Equivalent horsepower			5	8	10	12	14	16	18	
Minimum capacity index			62.5	100	125	150	175	200	225	
Maximum capacity index			162.5	260	325	390	455	520	585	
Cooling capacity			kW	14.0	25.2	28.0	33.5	40.0	50.4	53.2
Nominal input			kW	3.52	6.64	7.42	9.62	12.40	13.3	14.1
EER				3.98	3.80	3.77	3.48	3.23	3.80	3.78
Dimensions	Height	mm	1,680	1,680	1,680	1,680	1,680	1,680	1,680	
	Width	mm	635	930	930	930	1,240	1,240	1,240	
	Depth	mm	765	765	765	765	765	765	765	
Weight			kg	*	*	*	*	*	*	
Air flow rate				*	*	*	*	*	*	
Sound pressure level			dB(A)	*	*	*	*	*	*	
Sound power level			dB(A)	*	*	*	*	*	*	
Operation range			°CDB				-5 ~ 43			
Refrigerant type							R-410A			
Power supply			W1			3 ~, 50Hz	380-415V			
Piping connections			liquid/gas	mm	ø9.5/ø15.9	ø9.5/ø19.1	ø9.5/ø22.2	ø12.7/ø28.6	ø12.7/ø28.6	ø15.9/ø28.6
Actual piping length/equivalent piping length			m				165/190			
Total piping length			m				1,000			
Max. level difference			outdoor above indoor	m			90			
			outdoor below indoor	m			90			
Length diff. between 1st branch/closest indoor & 1st branch/furthest indoor			m				40			

*Information was not available at time of publication



Rising energy and general building services running costs have led end users to expect far more than just cooling and heating from their air conditioning. A truly complete and acceptable system therefore, must be energy efficient, economic to run, easy to install, flexible, reliable and user friendly.

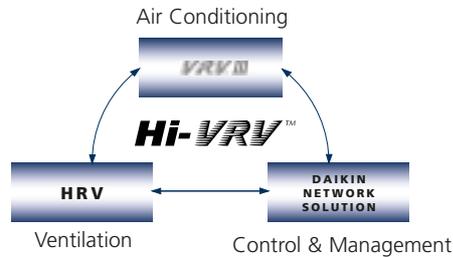
Fresh air must also be supplied without increasing energy consumption and central management and control facilities have gained in importance, particularly for medium to large sized buildings.

The Daikin Hi-VRV system meets all these requirements:

VRV II

VRV-WII

VRV III



VRV air conditioning can be found in offices, restaurants, theatres, hospitals, universities, museums, shops - in short, in any location where the provision of a balanced, pleasant working environment can improve the lifestyle and comfort of the individual.

VRVIII

new ⇒	RXYSQ-P7	76
new ⇒	RXQ-P7	78
new ⇒	RXYQ-P7	79

VRVII

	REYQ-M8	81
	RWEYQ-M	82

INDOOR UNITS

1. Cassette units

new ⇒	FXZQ-M8	83
new ⇒	FXFQ-M8	84
new ⇒	FXCQ-M8	85
new ⇒	FXKQ-MA	86

2. Concealed ceiling units

new ⇒	FXDQ-M8	87
new ⇒	FXDQ-P/FXDQ-NA	88
new ⇒	FXSQ-M8	89
new ⇒	FXMQ-M	90

3. Wall mounted units

new ⇒	FXAQ-MA	91
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4. Ceiling suspended units

new ⇒	FXHQ-MA	92
new ⇒	FXUQ-MA & BEVQ-MA	93

5. Floor standing units

new ⇒	FXNQ-MA	94
new ⇒	FXLQ-MA	95

HRV

	VAM-FA	96
	VKM-GM/VKM-G	97



RXYSQ-PV

VRV III-S Inverter heat pump

➔ new

- High COP values
- Maximum 9 indoor units per outdoor unit
- Silent operation
- Small capacities - 4, 5 & 6HP
- Super wide range of indoor units:
12 different models in 70 variations
- Slim & flexible design
- Space saving outdoor unit

CONNECTABLE INDOOR UNITS TO VRV III-S		20	25	32	40	50	63	80	100	125
600x600 4-way blow ceiling mounted cassette	FXZQ	×	×	×	×	×				
4-way blow ceiling mounted cassette	FXFQ	×	×	×	×	×	×	×	×	×
2-way blow ceiling mounted cassette	FXCQ	×	×	×	×	×	×	×		×
Ceiling mounted corner cassette	FXKQ		×	×	×		×			
Small concealed ceiling unit	FXDQ-M	×	×							
Slim concealed ceiling unit	FXDQ-P/N	×	×	×	×	×	×			
Concealed ceiling unit	FXSQ	×	×	×	×	×	×	×	×	×
Large concealed ceiling unit	FXMQ				×	×	×	×	×	×
Wall mounted unit	FXAQ	×	×	×	×	×	×			
Ceiling suspended unit	FXHQ			×			×		×	
Floor standing unit	FXLQ	×	×	×	×	×	×			
Concealed floor standing	FXNQ	×	×	×	×	×	×			

VRV III-S HEAT PUMP

OUTDOOR UNIT		RXYSQ4PV	RXYSQ5PV	RXYSQ6PV	
Equivalent horsepower	HP	4	5	6	
Minimum capacity index		50	62.5	75	
Maximum capacity index		130	162.5	195	
Cooling capacity	kW	11.2	14.0	15.5	
Heating capacity	kW	12.5	16.0	18.0	
Nominal input	Cooling	3.55	4.75	5.11	
	Heating	3.70	4.29	4.97	
EER	Cooling	3.15	3.01	3.03	
COP	Heating	3.41	3.73	3.62	
Dimensions (HxWxD)	mm	1,345x900x320	1,345x900x320	1,345x900x320	
Weight	kg	135	135	135	
Casing			Painted galvanized steel plate		
Colour			Ivory white		
Sound pressure level	Cooling/heating	dB(A)	50/52	51/53	53/55
		dB(A)	67	68	70
Air flow rate	Cooling/heating	m ³ /min	104/107	104/107	110/109
Operation range	Cooling	°CDB		-5° ~ 46°	
	Heating	°CWB		-20° ~ 15.5°	
Maximum number of connectable indoor units		6	8	9	
Refrigerant name			R-410A		
Power supply	V3		1 ~, 50Hz, 230V		
Piping connections	liquid/gas	mm	ø9.5/ø15.9	ø9.5/ø19.1	
Actual piping length/equivalent piping length	m		150/175		
Total piping length	m		300		
Max. level difference	outdoor above indoor	m	50		
	outdoor below indoor	m	40		
Max. piping length between indoor unit and first branch	m		40		



VRV III

- Increased outdoor unit capacity up to 54 HP
- Wide range of indoor units: 13 different models in a total of 75 variations
- Increased connection ratio: up to 200 %
- Flexible combination of outdoor units: optimised footprint combination, optimised COP combination or any other combination of your choice
- Compact size of outdoor units
- Increased COP
- Increased external static pressure: up to 78.4 Pa
- 2 steps in night quiet mode: eg. 10HP: 58dBA, 1st step: 54dBA, 2nd step: 45dBA
- ROHS compliance
- Easy combination with HRV
- Connectable to current Daikin control systems:

DS-net

Intelligent Controller

Intelligent Manager

BACnet Gateway

DMS-IF

- Increased piping flexibility: maximum piping length: 165m, increased total piping length: 1,000m
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Quiet operation
- Leak detection function

RXQ-P7

VRV III Inverter cooling only

➡ new



VRV III COOLING ONLY

RXQ-P7			5	8	10	12	14	16	18
Number of connectable indoor units			12	22	25	30	36	40	44
Equivalent horsepower		HP	5	8	10	12	14	16	18
Minimum capacity index			62.5	100	125	150	175	200	225
Maximum capacity index - 130 %			162.5	260	325	390	455	520	585
Maximum capacity index - 160 %			200	320	400	480	560	640	720
Maximum capacity index - 200 %			250	400	500	600	700	800	900
Cooling capacity		kW	14.0	22.2	28.0	33.5	40.0	45.0	49.0
Nominal input		kW	3.52	6.64	7.42	9.62	12.40	13.3	141
EER			3.98	3.34	3.77	3.48	3.23	3.38	3.48
Dimensions	Height	mm	1,680	1,680	1,680	1,680	1,680	1,680	1,680
	Width	mm	635	930	930	930	1,240	1,240	1,240
	Depth	mm	765	765	765	765	765	765	765
Weight		kg	160	205	249	*	329	329	341
Air flow rate			95	171	185	*	233	233	239
Sound pressure level			*	*	*	*	*	*	*
Sound power level			*	*	*	*	*	*	*
Operation range			°CDB						
Refrigerant type			R-410A						
Power supply			W1						
Piping connections			3N~, 50Hz, 400V						
liquid/gas		mm	ø9.5/ø15.9	ø9.5/ø19.1	ø9.5/ø22.2	ø12.7/ø28.6	ø12.7/ø28.6	ø12.7/ø28.6	ø15.9/ø28.6
Actual piping length/equivalent piping length			m						
Total piping length			165/190						
Max. level difference			m						
outdoor above indoor		m	90						
outdoor below indoor		m	90						
Length diff. between 1 st branch/closest indoor & 1 st branch/furthest indoor			m						
			40						

*Information was not available at time of publication

RXYQ-P7

 new

VRV III Inverter heat pump



VRV III HEAT PUMP

RXYQ-P7		5	8	10	12	14	16	18	20	22	24	26	28	
Modules		RXYQ5P7	●											
		RXYQ8P7		●				++	+	●+	●	●++	+	
		RXYQ10P7			●				+					
		RXYQ12P7				●			●+	+	++		●++	
		RXYQ14P7					●			●				
		RXYQ16P7						●			●			
		RXYQ18P7										●	●	
Number of outdoor units*			1	1	1	1	1	1	2	2	2	2	2	
Number of connectable indoor units			12	22	25	30	36	40	44	47	51	53	56	
Equivalent horsepower		HP	5	8	10	12	14	16	18	20	22	24	26	
Minimum capacity index			62.5	100	125	150	175	200	225	250	275	300	325	
Maximum capacity index - 130 %			162.5	260	325	390	455	520	585	650	715	780	845	
Maximum capacity index - 160 %			200	320	400	480	560	640	720	800	880	960	1040	
Maximum capacity index - 200 %			250	400	500	600	700	800	900	-	-	-	-	
Cooling capacity**		kW	14.0	22.2	28.0	33.5	40.0	45.0	49.0	58.7	61.5	67.0	78.4	
Heating capacity**		kW	16.0	25.0	31.5	37.5	45.0	50.0	56.5	65.9	69.0	75.0	88.3	
Nominal input**		Cooling	3.52	6.64	7.42	9.62	12.40	13.3	14.1	16.3	17.0	19.2	20.7	
		Heating	4.00	7.17	7.70	9.44	11.30	14.3	14.9	16.6	17.1	18.9	22.0	
EER**		Cooling	3.98	3.34	3.77	3.48	3.23	3.38	3.48	3.61	3.61	3.48	3.79	
COP**		Heating	4.00	3.49	4.09	3.97	3.98	3.50	3.79	3.97	4.03	3.97	4.01	
Dimensions		Height	mm	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	
		Width*	mm	635	930	930	930	1,240	1,240	1,240	1,860	2,170	2,170	
		Depth	mm	765	765	765	765	765	765	765	765	765	765	
Weight		kg	160	205	249	***	329	329	341	***	***	***	***	
Air flow rate			95	171	185	***	233	233	239	***	***	***	***	
Sound pressure level		dB(A)	***	***	***	***	***	***	***	***	***	***	***	
Sound power level		dB(A)	***	***	***	***	***	***	***	***	***	***	***	
Operation range		Cooling												
		Heating												
Refrigerant type			R-410A											
Power supply		W1	3N~, 50Hz, 400V											
Piping connections		liquid/gas	mm	ø9.5/ø15.9	ø9.5/ø19.1	ø9.5/ø22.2	ø12.7/ø28.6	ø12.7/ø28.6	ø12.7/ø28.6	ø15.9/ø28.6	-	-	-	
Actual piping length/equivalent piping length		m	165/190											
Total piping length		m	1,000											
Max. level difference		outdoor above indoor	m											
		outdoor below indoor	m											
Length diff. between 1st branch/closest indoor & 1st branch/furthest indoor		m	40											

VRV III HEAT PUMP

RXYQ-P7		30	32	34	36	38	40	42	44	46	48	50	52	54
Modules		RXYQ5P7												
		RXYQ8P7		+			●	●	●					
		RXYQ10P7	+++		+					●				
		RXYQ12P7	●	++	++	+++	●				●			
		RXYQ14P7		●			●					●		
		RXYQ16P7			●		●		●			●		●
		RXYQ18P7	●	●	●	●●	●	●	●●	●●	●●	●●	●●	●●●
Number of outdoor units*			2	2	2	2	3	3	3	3	3	3	3	3
Number of connectable indoor units			60	64	64	64	64	64	64	64	64	64	64	64
Equivalent horsepower		HP	30	32	34	36	38	40	42	44	46	48	50	54
Minimum capacity index			375	400	425	450	475	500	525	550	575	600	625	650
Maximum capacity index - 130 %			975	1,040	1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560	1,625	1,690
Maximum capacity index - 160 %			1,200	1,280	1,360	1,440	-	-	-	-	-	-	-	-
Maximum capacity index - 200 %			-	-	-	-	-	-	-	-	-	-	-	-
Cooling capacity**		kW	84.0	92.2	95.0	100.5	111.9	118.4	128.8	131.6	134.4	139.9	146.4	156.8
Heating capacity**		kW	94.5	103.4	106.5	112.5	125.8	133.3	145.1	148.2	151.3	157.3	164.8	179.7
Nominal input**		Cooling	22.3	25.9	26.7	28.9	30.3	33.1	34.0	34.8	35.5	37.7	40.5	41.4
		Heating	23.1	26.1	26.6	28.3	31.5	33.3	36.4	36.9	37.4	39.2	41.0	44.1
EER**		Cooling	3.77	3.56	3.56	3.48	3.69	3.58	3.79	3.79	3.78	3.71	3.61	3.79
COP**		Heating	4.09	3.97	4.01	3.97	4.00	4.00	3.99	4.02	4.04	4.01	4.02	4.01
Dimensions		Height	mm	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
		Width*	mm	2,170	2,480	2,480	2,480	3,100	3,410	3,410	3,410	3,410	3,720	3,720
		Depth	mm	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	***	***	***	***	***	***	***	***	***	***	***	***
Air flow rate			***	***	***	***	***	***	***	***	***	***	***	***
Sound pressure level		dB(A)	***	***	***	***	***	***	***	***	***	***	***	***
Sound power level		dB(A)	***	***	***	***	***	***	***	***	***	***	***	***
Operation range		Cooling												
		Heating												
Refrigerant type			R-410A											
Power supply		W1	3N~, 50Hz, 400V											
Actual piping length/equivalent piping length		m	165/190											
Total piping length		m	1,000											
Max. level difference		outdoor above indoor	m											
		outdoor below indoor	m											
Length diff. between 1st branch/closest indoor & 1st branch/furthest indoor		m	40											

● Optimised foot print combinations / + Optimised COP combinations / * Based on optimised foot print combinations / ** Based on optimised COP combinations / *** Information was not available at time of publication

The logo for Daikin VRV II, featuring the letters 'VRV II' in a stylized, bold, italicized font with horizontal lines through the letters. A registered trademark symbol (®) is located to the right of the 'V'.

Many features and installation benefits are incorporated in VRV II. Its operating range for example 8hp to 48hp in 2hp increment steps (21 system combinations), is wider than any of its contemporaries. Furthermore, its ability to run no less than 40 indoor units in heat recovery format cannot at present be matched by other comparable systems.

The ability to control each conditioned zone keeps VRV II system running costs to an absolute minimum. Furthermore, only those areas calling for air conditioning need to be cooled or heated and the system can be shut down completely in unoccupied rooms.

Modular design enables Daikin VRV II outdoor units to be joined together in rows with an outstanding degree of uniformity. The design of the outdoor units is sufficiently compact to allow them to be taken up to the top of a building in a commercial elevator, overcoming site transportation problems.

REYQ-M8

VRV II Heat recovery

8, 10HP

12, 14, 16HP



VRV II HEAT RECOVERY

OUTDOOR UNIT			REYQ8M8	REYQ10M8	REYQ12M8	REYQ14M8	REYQ16M8
Nominal cooling capacity		kW	22.4	28.0	33.5	40.0	44.5
Nominal heating capacity		kW	25.0	31.5	37.5	45.0	50.0
Power input	cooling	kW	6.97	9.00	10.60	14.24	15.60
	heating	kW	6.89	9.31	10.80	12.90	14.00
EER	cooling		3.21	3.11	3.16	2.81	2.85
COP	heating		3.63	3.38	3.47	3.49	3.57
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600
	width	mm	930	930	1,240	1,240	1,240
	depth	mm	765	765	765	765	765
Weight		kg	245	245	295	340	340
Sound pressure level		dB(A)	57	58	60	60	60
Sound power level		dB(A)	78	78	80	80	80
Air flow rate		m ³ /min	175	180	210	210	210
Operation range	cooling	°CDB	-5 ~ 43				
	heating	°CWB	-20 ~ 15.5				
Refrigerant type			R-410A				
Power supply		W1	3W ~, 50Hz, 400V				
Piping connections	liquid/gas/suction gas	mm	ø9.5/ø19.1/ø15.9	ø9.5/ø22.2/ø19.1	ø12.7/ø28.6/ø19.1	ø12.7/ø28.6/ø22.2	ø12.7/ø28.6/ø22.2
Actual piping length/equivalent piping length		m	150/175				
Total piping length		m	300				
Max. level difference	outdoor above indoor	m	50				
	outdoor below indoor	m	40				
Max. piping length between first branch and furthest indoor unit		m	40				

VRV II HEAT RECOVERY

REYQ-M8		8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
Modules	REYQ8M8	1					1																
	REYQ10M8		1				1	2	1	1	1				2	2	1	1	1				
	REYQ12M8			1					1			1					1			1			
	REYQ14M8				1						1			1	1			1				1	
	REYQ16M8					1						1	1	1	2		1	1	1	2	2	2	3
Equivalent horsepower	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
Number of outdoor units		1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
Minimum capacity index		100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	
Maximum capacity index		260	325	390	455	520	585	650	715	780	845	910	975	1040	1105	1170	1235	1300	1365	1430	1495	1560	
Cooling capacity	kW	22.4	28.0	33.5	40.0	44.5	50.4	56.0	61.5	68.0	72.5	78.0	84.5	89.0	96.0	101	106	113	117	123	129	134	
Heating capacity	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	69.0	76.5	81.5	87.5	95.0	100	108	113	119	127	132	138	145	150	
Power input	cooling	kW	6.97	9.00	10.60	14.24	15.60	16.00	18.00	19.60	23.30	24.60	26.20	29.90	31.20	32.30	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	heating	kW	6.89	9.31	10.80	12.90	14.00	16.20	18.60	20.10	22.20	23.30	24.80	26.90	28.10	31.50	32.60	34.10	36.20	37.40	38.80	40.90	42.10
EER	cooling		3.21	3.11	3.16	2.81	2.85	3.15	3.11	3.14	2.92	2.95	2.98	2.83	2.85	2.97	3.01	3.01	2.90	2.91	2.94	2.84	2.86
COP	heating		3.63	3.38	3.47	3.49	3.57	3.49	3.39	3.43	3.44	3.50	3.53	3.53	3.56	3.43	3.47	3.49	3.51	3.53	3.56	3.55	3.56
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	
	width	mm	930	930	1,240	1,240	1,240	1,860	1,860	2,170	2,170	2,170	2,480	2,480	2,480	3,100	3,100	3,410	3,410	3,410	3,720	3,720	3,720
	depth	mm	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	245	245	295	340	340	490	490	540	585	585	635	680	680	830	830	880	925	925	975	1,020	1,020
Number of connectable indoor units		13	16	19	20	20	20	20	22	32	32	32	32	32	32	34	36	38	40	40	40	40	40

RWEYQ-M

VRV-WII Water-cooled
heat pump

VRV-WII Water-cooled
heat recovery



- Wide condensing unit range: 10, 20, & 30HP via 1 single refrigerant circuit
- High COP values: 5.21 nominal value
- Up to 32 indoor units connectable to a 30HP condensing unit
- Wide range of indoor units: 13 different indoor models in 75 variations
- Compact design
- Operation range (inlet water temperature): 10-45°C

- Connectable to current Daikin control systems:

DS-net

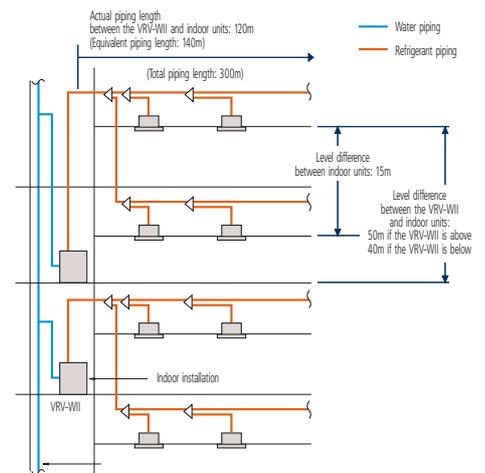
Intelligent Controller

Intelligent Manager

BACnet Gateway

DMS-IF

- Flexible piping length



HEAT PUMP

			RWEYQ10M	RWEYQ20M	RWEYQ30M
Equivalent horsepower	HP		10	20	30
Nominal cooling capacity	kW		26.7	53.4	80.1
Nominal heating capacity	kW		31.5	63.0	94.5
Power input*	Cooling	kW	6.03	12.10	18.10
	Heating	kW	6.05	12.10	18.20
EER			4.43	4.41	4.43
COP			5.21	5.21	5.19
Dimensions	Height	mm	1,000	*	*
	Width	mm	780	*	*
	Depth	mm	550	*	*
Weight	kg		150	150+150	150+150+150
Sound pressure level	dB(A)		51	54	56
Sound power level	dB(A)		**	**	**
Operation range	Cooling	°C		10 ~ 45	
	Heating	°C		10 ~ 45	
Refrigerant type				R-410A	
Power supply		Y1		3 ~ .50Hz 380-415V	
Piping connections	liquid/gas	mm	ø9.5/ø22.2	ø15.9/ø28.6	ø19.1/ø34.9

* Dimensions of 20HP and 30HP units depend on the method of stacking

** Information was not available at time of publication

HEAT RECOVERY

			RWEYQ10M	RWEYQ20M	RWEYQ30M
Equivalent horsepower	HP		10	20	30
Nominal cooling capacity	kW		26.7	53.4	80.1
Nominal heating capacity	kW		31.5	63.0	94.5
Power input*	Cooling	kW	6.03	12.10	18.10
	Heating	kW	6.05	12.10	18.20
EER			4.43	4.41	4.43
COP			5.21	5.21	5.19
Dimensions	Height	mm	1,000	*	*
	Width	mm	780	*	*
	Depth	mm	550	*	*
Weight	kg		150	150+150	150+150+150
Sound pressure level	dB(A)		51	54	56
Sound power level	dB(A)		**	**	**
Operation range	Cooling	°C		10 ~ 45	
	Heating	°C		10 ~ 45	
Refrigerant type				R-410A	
Power supply		Y1		3 ~ .50Hz 380-415V	
Piping connections	liquid/gas/suction gas	mm	ø9.5/ø19.1/ø22.2	ø15.9/ø22.2/ø28.6	ø19.1/ø28.6/ø34.9

* Dimensions of 20HP and 30HP units depend on the method of stacking

** Information was not available at time of publication



FXZQ-M8

4-Way blow ceiling mounted cassette (600 mm x 600 mm)

FXZQ-M8

 new



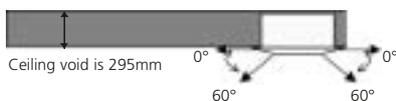
- New and extremely compact casing (575mm in depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Modern style decoration panel in super white (RAL9010)
- Whisper quiet operation with sound pressure levels as low as 25dBA

- **5 different air flow patterns:** Any one of 5 air flow patterns can be freely selected between 0 and 60 degrees and will then be maintained during the operational cycle of the air conditioner.
- Air can be discharged in any of 4 directions. Possibility to shut 1 or 2 flaps for easy installation in corners



Excellent low draught characteristics

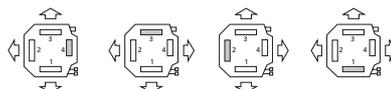
- **Auto swing:** Vertical auto swing moves the discharge air flaps up and down to distribute air effectively throughout the room. Since the flaps can move to a 0-degree position, virtually no draught can be experienced



2-way blow



4-way blow



3-way blow

FXZQ-M8

INDOOR UNIT		20	25	32	40	50
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3
Nominal input	cooling	73	73	76	89	115
	heating	64	64	68	80	107
Dimensions (HxWxD)	mm	286x575x575				
Weight	kg	18				
Air flow rate (H/L)	m ³ /min	9.0/7.0	9.0/7.0	9.5/7.0	11.0/8.0	14.0/10.0
Sound pressure level (H/L)(220V)	dB(A)	30/25	30/25	32/26	36/28	41/33
Sound power level	dB(A)	47	47	49	53	58
Refrigerant type		R-410A				
Power supply	VE	1~, 50Hz, 220-240V				
Piping connections	liquid/gas	ø6.4/ø12.7				
Infrared remote control	cooling	BRC7E531				
	heating	BRC7E530				
Wired remote control		BRC1052				
		BYFQ60B				
DECORATION PANEL						
Dimensions (HxWxD)	mm	55x700x700				
Weight	kg	2.7				



FXFQ-M8

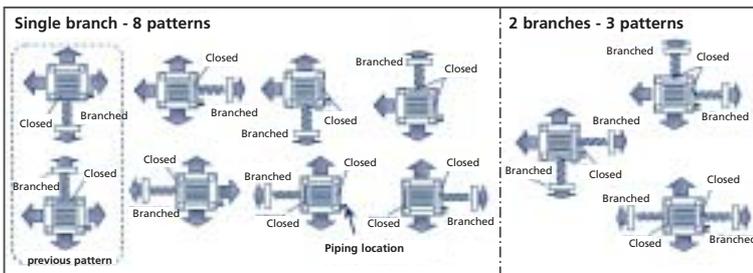
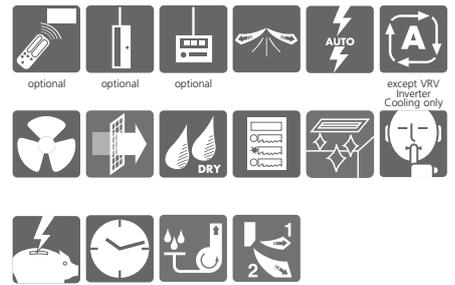
4-Way blow ceiling mounted cassette

FXFQ80,100,125M8

 new



- Compact and lightweight
- Possibility to shut 1 or 2 flaps for easy installation in corners
- 1 or 2 branches can be used for better air distribution
- Choice of 3 auto-swing positions for maximum comfort: standard, draught prevention or ceiling soiling prevention
- Requires only 240mm of ceiling space (298mm for model 80 and above)
- Easy to fit decoration panel
- Drain pump with increased lift of 750 mm fitted as standard



FXFQ-M8

INDOOR UNIT		20	25	32	40	50	63	80	100	125	
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
Nominal input	cooling	90	90	90	97	106	118	173	184	230	
	heating	75	75	75	82	90	101	159	169	215	
Dimensions (HxWxD)	mm	230x840x840						288x840x840			
Weight	kg	24						28			
Air flow rate (H/L)	m ³ /min	13/10	13/10	13/10	14/10	16/11	18/14	28/20	28/21	31/24	
Sound pressure level (H/L)	dB(A)	31/28	31/28	31/28	32/28	33/28	34/29	38/32	40/33	45/36	
Sound power level	dB(A)	48	48	48	49	50	51	54	56	61	
Refrigerant type		R-410A									
Power supply	V1	1 ~, 50Hz, 230V									
Piping connections	liquid/gas	ø6.4/ø12.7						ø9.5/ø15.9			
Infrared remote control	cooling	BRC7CS13									
	heating	BRC7CS12									
Wired remote control		BRC1D52									
		BYC125K									
DECORATION PANEL											
Dimensions (HxWxD)	mm	40x950x950									
Weight	kg	5									



FXCQ-M8

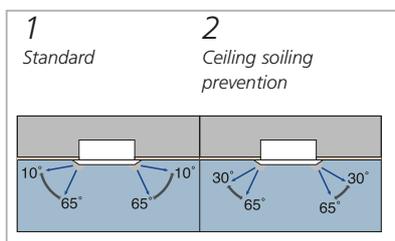
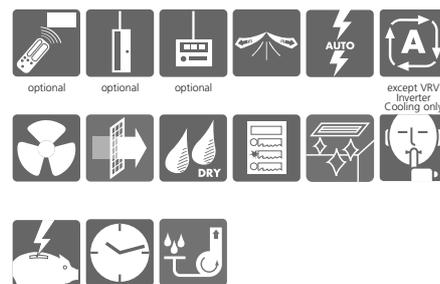
2-Way blow
ceiling mounted cassette

FXCQ20,25,32M8



- Slim unit can be installed in a ceiling void of only 355mm
- Easy installation: depth of all units is 600mm
- Auto-swing mechanism ensures even room air and temperature distribution and prevents ceiling soiling

- Quiet operation
- Leaves maximum floor and wall space for furniture and decorations
- Easy to clean flat suction grille



Note:
Set standard to 2-way discharge when shipped.
High ceiling types 1 and 2 will be set for remote control operation.

FXCQ-M8

INDOOR UNIT		20	25	32	40	50	63	80	125
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Nominal input	cooling	77	92	92	130	130	161	209	256
	heating	44	59	59	97	97	126	176	233
Dimensions (HxWxD)	mm	305x780x600			305x995x600		305x1180x600	305x1670x600	
Weight	kg	26			31	32	35	47	48
Air flow rate (H/L)	m ³ /min	7/5	9/6.5	9/6.5	12/9	12/9	16.5/13	26/21	33/25
Sound pressure level (H/L)	dB(A)	33/28	35/29	35/29	35.5/30.5	35.5/30.5	38/33	40/35	45/39
Sound power level	dB(A)	45	50	50	50	50	52	54	60
Refrigerant type		R-410A							
Power supply	V1	1 ~, 50Hz, 230V							
Piping connections	liquid/gas	mm							
Infrared remote control	cooling	ø6.4/ø12.7			BRC7C67			ø9.5/ø15.9	
	heating				BRC7C62				
Wired remote control					BRC1D52				
DECORATION PANEL		BYBC32G/W1			BYBC50G/W1		BYBC63G/W1	BYBC125G/W1	
Dimensions (HxWxD)	mm	53x1,030x680			53x1,245x680		53x1,430x680	53x1,920x680	
Weight	kg	8			8.5		9.5	12	



FXXQ-MA

Ceiling mounted
corner cassette

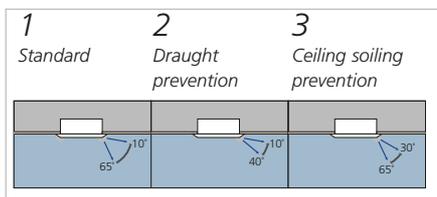
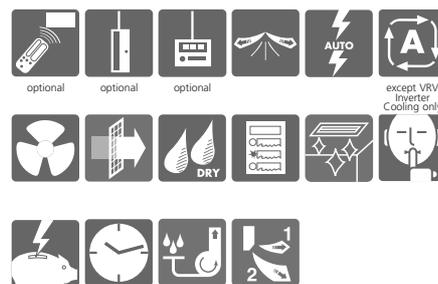
FXXQ63MA

new

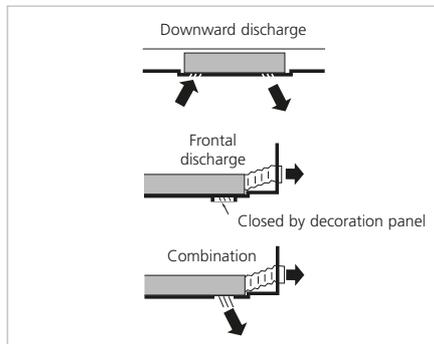


- Specific design for use in rooms with shallow ceiling voids
- Auto-swing mechanism ensures even room air and temperature distribution
- Choice of 3 auto-swing positions for maximum comfort: standard, draught prevention or ceiling soiling prevention

- Optimum air flow conditions are created by either downward or frontal air discharge (via optional grille) or a combination of both



Note:
Set standard to 1-way discharge when shipped.
High ceiling types 1 and 2 will be set for remote control operation.



- Leaves maximum floor and wall space for furniture, decoration and fittings

FXXQ-MA

INDOOR UNIT		25	32	40	63
Cooling capacity	kW	2.8	3.6	4.5	7.1
Heating capacity	kW	3.2	4.0	5.0	8.0
Nominal input	cooling	66	66	76	105
	heating	46	46	56	85
Dimensions (HxWxD)	mm	215x110x710		215x1310x710	
Weight	kg	31		34	
Air flow rate (H/L)	m ³ /min	11/9	11/9	13/10	18/15
Sound pressure level (H/L)(220V)	dB(A)	38/33	38/33	40/34	42/37
Sound power level	dB(A)	*	*	*	*
Refrigerant type		R-410A			
Power supply	VE	1~, 50Hz, 220-240V			
Piping connections	liquid/gas	ø6.4/ø12.7		ø9.5/ø15.9	
Infrared remote control	cooling	BRC4C63			
	heating	BRC4C61			
Wired remote control		BRC1D52			
DECORATION PANEL		BYK45BW1		BYK71BW1	
Dimensions (HxWxD)	mm	70x1240x800		70x1440x800	
Weight	kg	85		95	

* Sound power levels were not available at time of publication



FXDQ-M8

*Concealed ceiling unit
(small)*

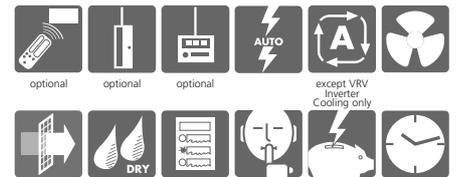
FXDQ20,25M8

 new



- Designed for hotel use
- Compact dimensions, can easily be mounted in a ceiling void
- Since only the suction and discharge grilles are visible, the system will blend in any interior décor

- Extremely quiet in operation, both indoors and outdoors
- The air suction direction can be altered from rear to bottom suction
- Standard air suction filter



FXDQ-M8

INDOOR UNIT			20	25
Cooling capacity		kW	2.2	2.8
Heating capacity		kW	2.5	3.2
Nominal input	cooling	W	50	
	heating	W	50	
Dimensions (HxWxD)		mm	230x502x652	
Weight		kg	17	
Air flow rate (H/L)		m ³ /min	6.7/5.2	7.4/5.8
Sound pressure level (H/L)		dB(A)	37/32	
Sound power level		dB(A)	50	
Refrigerant type			R-410A	
Power supply		V1	1~, 50Hz, 230V	
Piping connections	liquid/gas	mm	ø6.4/ø12.7	
Infrared remote control	cooling		BRC4C64	
	heating		BRC4C62	
Wired remote control			BRC1D52	



FXDQ-P/NA

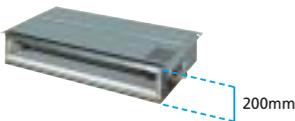
Slim concealed ceiling unit

FXDQ20-32P

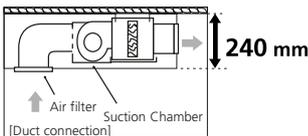
new



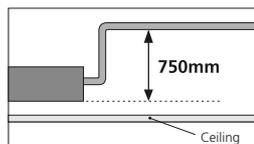
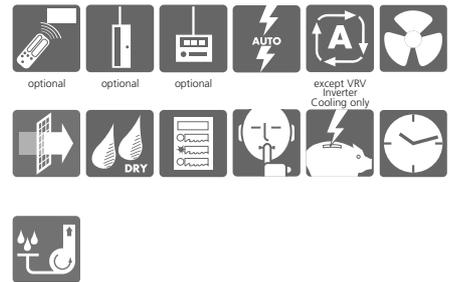
- Slim design for flexible installation



- Compact dimensions, can easily be mounted in a ceiling void of only 240mm



- Quiet operation: down to 29 dBA sound pressure level
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths
- Drain-up pump with 750mm lift fitted as standard



			new	new	new			
INDOOR UNIT			FXDQ20P	FXDQ25P	FXDQ32P	FXDQ40NA	FXDQ50NA	FXDQ63NA
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	Cooling	W	150	150	150	160	165	181
	Heating	W	137	137	137	147	152	168
Dimensions (HxWxD)		mm	200x700x620			200x900x620		200x1100x620
Weight		kg	23	23	23	27	28	31
Air flow rate (H/L)		m ³ /min	8.0/6.4	8.0/6.4	8.0/6.4	10.5/8.5	12.5/10.0	16.5/13.0
Sound pressure level (H/L)		dB(A)	33/29	33/29	33/29	34/30	35/31	36/32
Sound power level		dB(A)	*	*	*	*	*	*
Refrigerant type			R-410A					
Power supply		VE	1 ~, 50Hz, 220-240V					
Piping connections	liquid/gas	mm	ø6.4/ø12.7					ø9.5/ø15.9
Infrared remote control	Cooling		BRC4C64					
	Heating		BRC4C62					
Wired remote control			BRC1D52, BRC2A51, BRC3A61					

* Sound power levels were not available at time of publication



FXSQ-M8

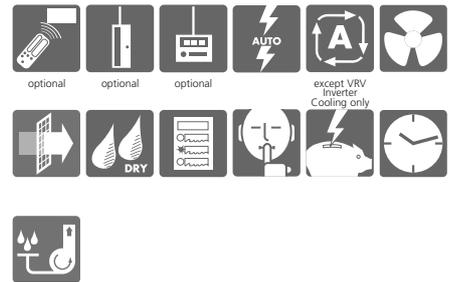
Concealed ceiling unit

 new

FXSQ20,25,32M8



- Blends unobtrusively with any interior décor
- Leaves maximum floor and wall space for furniture decoration and fittings
- Drain pump fitted as standard
- Long life filter fitted as standard
- Air suction direction can be altered from rear to bottom suction
- The quiet operation of this model is ideal for exclusive stores and offices
- High external pressure facilitates unit use with flexible ducts of varying lengths



FXSQ-M8

INDOOR UNIT		20	25	32	40	50	63	80	100	125	
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
Nominal input	cooling	W	110	110	114	127	143	189	234	321	
	heating	W	90	90	94	107	123	169	214	301	
Dimensions (HxWxD)	mm	300x550x800			300x700x800		300x1,000x800		300x1,400x800		
Weight	kg	30	30	30	30	31	41	51	51	52	
Air flow rate (H/L)	m ³ /min	9/6.5	9/6.5	9.5/7	11.5/9	15/11	21/15.5	27/20	28/20.5	38/28	
Sound pressure level (H/L)	dB(A)	32/28	32/28	33/28	33/29	35/31	35/30	37/31	38/33	40/35	
Sound power level	dB(A)	50	50	51	56	58	56	55	56	65	
Refrigerant type		R-410A									
Power supply	V1	1 ~, 50Hz, 230V									
Piping connections	liquid/gas	mm				mm		mm			
Infrared remote control	cooling	ø6.4/ø12.7									
	heating	ø9.5/ø15.9									
Wired remote control		BRC4C64 BRC4C62 BRC1D52									
DECORATION PANEL		BYBS32DJW1			BYBS45D		BYBS71D		BYBS125D		
Dimensions (HxWxD)	mm	55x650x500			55x800x500		55x1000x500		55x1,500x500		
Weight	kg	3			3.5		4.5		6.5		



FXMQ-MA

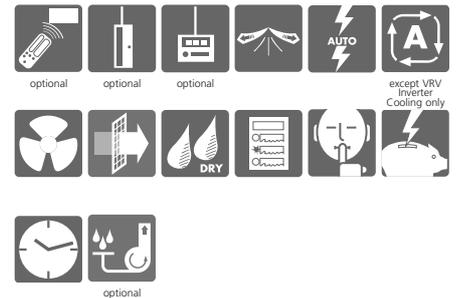
Concealed ceiling unit
(large)

FXMQ80,100,125MA

new



- Leaves maximum floor and wall space for furniture decoration and fittings
- Complete range of models (5 > 31.5kW)
- Ideal for use in large areas
- Reduction in necessary installation space thanks to built-in drain pump (available as accessory)



FXMQ-MA

INDOOR UNIT		40	50	63	80	100	125	200	250
Cooling capacity	kW	45	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity	kW	5.0	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Nominal input	cooling	W	211	211	211	284	411	619	1,294
	heating	W	211	211	211	284	411	619	1,294
Dimensions (HxWxD)	mm	390x720x690			390x1110x690			470x1380x1100	
Weight	kg	44			45	63	65	137	
Air flow rate (H/L)	m ³ /min	14/11.5			19.5/16	29/23	36/29	58/50	72/62
Sound pressure level (H/L)(220V)	dB(A)	39/35	39/35	42/38	43/39	43/39	45/42	48/45	48/45
Sound power level	dB(A)	*	*	*	*	*	*	*	*
Refrigerant type		R-410A							
Power supply	VE	1~, 50Hz, 220-240V							
Piping connections	liquid/gas	ø6.4/ø12.7			ø9.5/ø15.9			ø9.5/ø19.1	ø9.5/ø22.2
Infrared remote control	cooling	BRC4C64							
	heating	BRC4C62							
Wired remote control		BRC1D52							

* Sound power levels were not available at time of publication



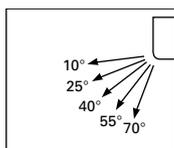
FXAQ-MA

Wall mounted unit

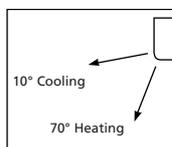
 new



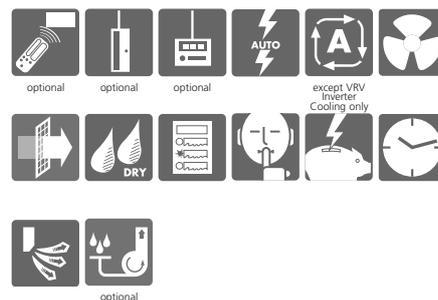
- New design with compact casing
- Dramatic weight reduction of 48% compared to the previous series
- Fits neatly on a wall
- Auto-swing mechanism ensures efficient air distribution via louvres that close automatically when the unit is switched off
- 5 different discharge angles can be programmed via the remote control



- Both horizontal flaps and front panel can easily be removed and washed
- Discharge angle automatically returns to its previous position on restart (initial setting 10° for cooling and 70° for heating)



- All maintenance operations can be carried out from the front of the unit



FXAQ-MA

INDOOR UNIT			20	25	32	40	50	63
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	cooling	W	16	22	27	20	27	50
	heating	W	24	27	32	20	32	60
Dimensions (HxWxD)		mm	290x795x230			290x1,050x230		
Weight		kg	11			14		
Air flow rate (H/L)		m ³ /min	75/4.5	8/5	9/5.5	12/9	15/12	19/14
Sound pressure level (H/L)(220V)		dB(A)	35/29	36/29	37/29	39/34	42/36	46/39
Sound power level		dB(A)	*	*	*	*	*	*
Refrigerant type			R-410A					
Power supply		V1	1 ~, 50Hz, 220-240V					
Piping connections	liquid/gas	mm	ø6.4/ø12.7					ø9.5/ø15.9
Infrared remote control	cooling		BRC7E619					
	heating		BRC7E618					
Wired remote control			BRC1D52					

* Sound power levels were not available at time of publication



FXHQ-MA

Ceiling suspended unit

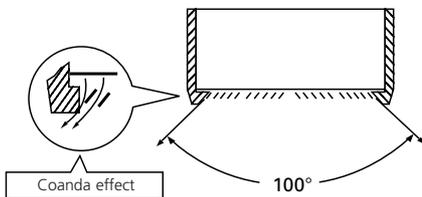
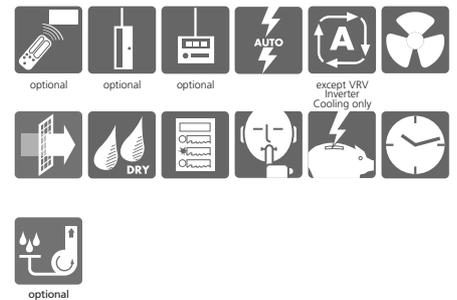
FXHQ32MA

new



- Reduced sound pressure level
- Leaves maximum floor and wall space for furniture decoration and fittings
- Can be installed both in new and existing buildings
- Use of W-shaped Coanda flap enhances horizontal and vertical air circulation characteristics
- Wider air discharge thanks to Coanda effect: up to 100 degrees

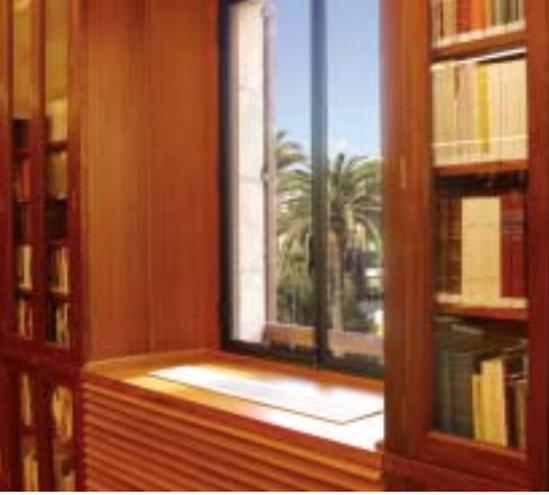
- Easy installation and maintenance
- Long life filter fitted as standard
- Drain pump kit available as accessory



FXHQ-MA

INDOOR UNIT			32	63	100
Cooling capacity		kW	3.6	7.1	11.2
Heating capacity		kW	4.0	8.0	12.5
Nominal input	cooling	W	111	115	135
	heating	W	111	115	135
Dimensions (HxWxD)		mm	195x960x680	195x1160x680	195x1400x680
Weight		kg	24	28	33
Air flow rate (H/L)		m ³ /min	12/10	175/14	25/19.5
Sound pressure level (H/L)(220V)		dB(A)	36/31	39/34	45/37
Sound power level		dB(A)	*	*	*
Refrigerant type			R-410A		
Power supply		VE	1 ~, 50Hz, 220-240V		
Piping connections	liquid/gas	mm	ø6.4/ø12.7		ø9.5/ø15.9
Infrared remote control	cooling			BRC7E66	
	heating			BRC7E63	
Wired remote control				BRC1D52	

* Sound power levels were not available at time of publication



FXNQ-MA

Concealed floor standing unit

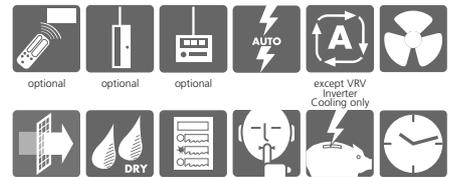
FXNQ20,25MA

 new



- Ideal for installation beneath a window
- All models are available with remote control
- The floor standing model requires very little installation space

- The connecting port faces downward, eliminating the need to attach auxiliary piping (FXNQ-M)



FXNQ-MA

INDOOR UNIT			20	25	32	40	50	63	
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0	
Nominal input	cooling	W	49	49	90	90	110	110	
	heating	W	49	49	90	90	110	110	
Dimensions (HxWxD)		mm	610x930x220		610x1070x220		610x1350x220		
Weight		kg	19		23		27		
Air flow rate (H/L)		m ³ /min	7/6	7/6	8/6	11/8.5	14/11	16/12	
Sound pressure level (H/L)(220V)		dB(A)	35/32	35/32	35/32	38/33	39/34	40/35	
Sound power level		dB(A)	*	*	*	*	*	*	
Refrigerant type			R-410A						
Power supply		VE	1~, 50Hz, 220-240V						
Piping connections	liquid/gas	mm	ø6.4/ø12.7					ø9.5/ø15.9	
Infrared remote control	cooling		BRC4C64						
	heating		BRC4C62						
Wired remote control			BRC1D52						

* Sound power levels were not available at time of publication



FXLQ-MA

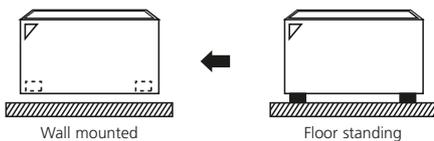
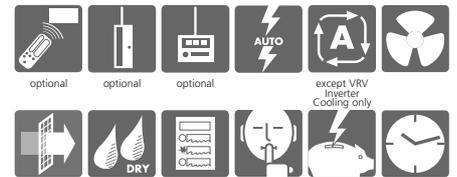
Floor standing unit

FXLQ20,25MA

new



- Ideal for installation beneath a window
- All models are available with remote control
- The floor standing model requires very little installation space
- Running the pipes from connections at the back enables the unit to be wall mounted for easy cleaning



FXLQ-MA

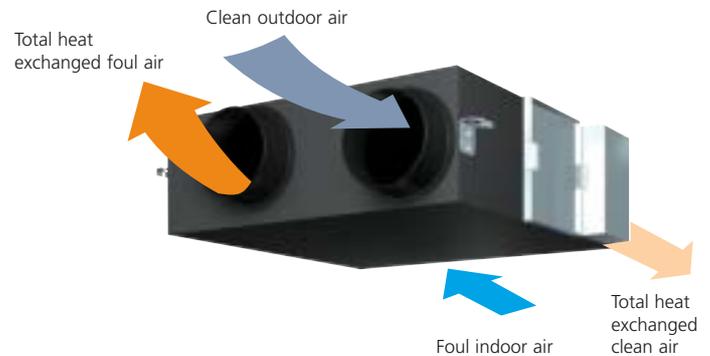
INDOOR UNIT			20	25	32	40	50	63	
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0	
Nominal input	cooling	W	49	49	90	90	110	110	
	heating	W	49	49	90	90	110	110	
Dimensions (HxWxD)		mm	600x1,000x222		600x1,140x222		600x1,420x222		
Weight		kg	25		30		36		
Air flow rate (H/L)		m ³ /min	7/6	7/6	8/6	11/8.5	14/11	16/12	
Sound pressure level (H/L)(220V)		dB(A)	35/32	35/32	35/32	38/33	39/34	40/35	
Sound power level		dB(A)	*	*	*	*	*	*	
Refrigerant type			R-410A						
Power supply		VE	1~, 50Hz, 220-240V						
Piping connections	liquid/gas	mm	ø6.4/ø12.7					ø9.5/ø15.9	
Infrared remote control	cooling		BRC4C64						
	heating		BRC4C62						
Wired remote control			BRC1D52						

* Sound power levels were not available at time of publication



HRV

Heat Recovery Ventilation



The Daikin heat recovery ventilation system modulates the temperature and humidity of incoming fresh air to match indoor conditions. A balance is thus achieved between indoor and outdoor ambients, enabling the cooling or heating load placed on the air conditioning system to be reduced significantly. HRV units can be controlled individually or integral with the air conditioning system (Daikin VRV or Sky Air series).

- 9 models to choose from
- Compact, energy saving ventilation
- Specially developed heat exchange element with HEP (High Efficiency Paper)
- Easy integration into the VRV and VRV systems
- Connectable to current Daikin control systems:

DS-net

Intelligent Controller

Intelligent Manager

BACnet Gateway

BMS-IF

VAM-FA7

VENTILATION		VAM150FA7	VAM250FA7	VAM350FA7	VAM500FA7	VAM650FA7	VAM800FA7	VAM1000FA7	VAM1500FA7	VAM2000FA7
Air flow rate	m ³ /h	150	250	350	500	650	800	1,000	1,500	2,000
Sound pressure level (max.) (1)	dB(A)	27/28.5	28/29	32/34	33/34.5	34.5/35.5	36/37	36/37	39.5/41.5	40/42.5
External static pressure (max.)	Pa	69	64	98	98	93	137	157	137	137
Temperature exchange efficiency	%	74	72	75	74	74	74	75	75	75
Enthalpy exchange efficiency	heating	%	58	58	61	58	58	60	61	61
	cooling	%	64	64	65	62	63	65	66	66
Dimensions	H	mm	269	269	285	285	348	348	710	710
	W	mm	760	760	812	812	988	988	1,498	1,498
	D	mm	509	509	800	800	852	852	1,140	1,140
Weight	kg	24	24	33	33	48	48	61	132	158
Duct diameter	mm	Ø 100	Ø 150	Ø 150	Ø 200	Ø 200	Ø 250	Ø 250	Ø 350	Ø 350
Power supply		VE: 1~, 50Hz, 220-240V								

(1) Sound pressure level is measured in heat exchange mode.



HRV

Heat Recovery Ventilation



- Heat purge (economiser): heat accumulated indoors is discharged at night
- Integration of humidification and air conditioning into HRV unit
- Increased static pressure thanks to improved fan performance
- Individual control via HRV remote control
- Connectable to current Daikin control systems:

DS-net

Intelligent touch Controller

Intelligent Manager

BACnet Gateway

MS-IF

VKM-GM

VENTILATION, DX COIL & HUMIDIFIER			VKM50GM	VKM80GM	VKM100GM
Fresh air conditioning load	Cooling	kW	4.71	746	912
	Heating	kW	5.58	8.79	10.69
Air flow rate	Ultra high - high - low	m ³ /h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	Ultra high - high - low	dB(A)	37 - 35 - 32	38.5 - 36 - 33	39 - 37 - 34
Sound pressure level - 240V	Ultra high - high - low	dB(A)	38 - 36 - 34	40 - 37.5 - 35.5	40 - 38 - 35.5
Static pressure	Ultra high - high - low	Pa	160 - 120 - 100	140 - 90 - 70	110 - 70 - 60
Temperature exchange efficiency	Ultra high - high - low	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	Ultra high - high - low	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	Ultra high - high - low	%	67 - 67 - 69	71 - 71 - 73	65 - 65 - 69
Humidifier type				natural evaporating humidifier	
Humidification capacity		kg/h	2.70	4.00	5.40
Dimensions	Height	mm	387	387	387
	Width	mm	1,764	1,764	1,764
	Depth	mm	832	1,214	1,214
Weight		kg	102	120	125
Power supply		V		1 ~, 220-240V, 50Hz	

VKM-G

VENTILATION & DX COIL			VKM50G	VKM80G	VKM100G
Fresh air conditioning load	Cooling	kW	4.71	746	912
	Heating	kW	5.58	8.79	10.69
Air flow rate	Ultra high - high - low	m ³ /h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	Ultra high - high - low	dB(A)	38 - 36 - 33.5	40 - 37.5 - 34.5	40 - 38 - 35
Sound pressure level - 240V	Ultra high - high - low	dB(A)	39 - 37 - 35.5	41.5 - 39 - 37	41 - 39 - 36.5
Static pressure	Ultra high - high - low	Pa	180 - 150 - 110	170 - 120 - 80	150 - 100 - 70
Temperature exchange efficiency	Ultra high - high - low	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	Ultra high - high - low	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	Ultra high - high - low	%	67 - 67 - 69	71 - 71 - 73	65 - 65 - 69
Dimensions	Height	mm	387	387	387
	Width	mm	1,764	1,764	1,764
	Depth	mm	832	1,214	1,214
Weight		kg	96	109	114
Power supply		V		1 ~, 220-240V, 50Hz	



In order to realise maximum efficiency, commercial air conditioning systems must be subject to precise, 24 hour control.

Daikin manufactures and markets a complete suite of advanced computerised central control and monitoring systems designed to simplify air conditioning management and reduce energy usage running costs.

Daikin computerised control systems not only provide the highly sophisticated regulation and day to day monitoring necessary for modern, hi tech air conditioning installations – they also provide owners, landlords and tenants of commercial buildings with valuable performance data on consumption as well as a wide range of operating parameters.

Dedicated Daikin central control can be applied to both VRV and mixed VRV/Sky Air and Split installations with up to 1,024 indoor units and can also be integrated with building management systems.

Control Systems

CENTRALISED CONTROL SYSTEMS

Centralised remote control	100
Unified on/off control	100
Schedule timer	100

NETWORK SOLUTIONS

 DS-net	101
 Intelligent Controller	102
 Intelligent Manager	104
 BACnet Gateway	105
 DMS-IF	105

Centralised Control Systems

Centralised control of the VRV system can be achieved via 3 user friendly compact controls: centralised remote control, unified on/off control and schedule timer. These controls may be used independently or in combination where 1 group = several (up to 16) indoor units in combination and 1 zone = several groups in combination.

A centralised remote control is ideal for use in tenanted commercial buildings subject to random occupation, enabling indoor units to be classified in groups per tenant (zoning).

The schedule timer programmes the schedule and operation conditions for each tenant and the control can easily be reset according to varying requirements.



DCS302C51

CENTRALISED REMOTE CONTROL

Providing individual control of 64 groups (zones) of indoor units.

- a maximum of 64 groups (128 indoor units, max. 10 outdoor units) can be controlled
- a maximum of 128 groups (128 indoor units, max. 10 outdoor units) can be controlled via 2 centralised remote controls in separate locations
- zone control
- group control
- malfunction code display
- maximum wiring length of 1,000m (total: 2,000m)
- air flow direction and air flow rate of HRV can be controlled
- expanded timer function



DCS301B51

UNIFIED ON/OFF CONTROL

Providing simultaneous and individual control of 16 groups of indoor units.

- a maximum of 16 groups (128 indoor units) can be controlled
- 2 remote controls in separate locations can be used
- operating status indication (normal operation, alarm)
- centralised control indication
- maximum wiring length of 1,000m (total: 2,000m)



DST301B51

SCHEDULE TIMER

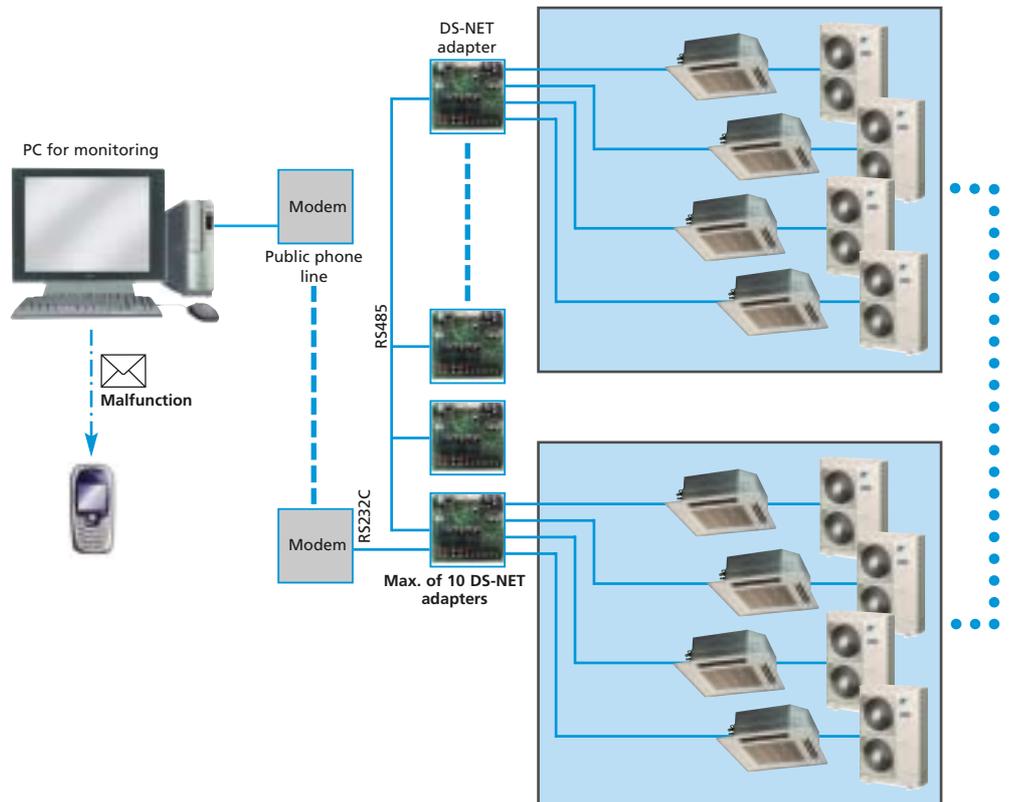
Enabling 64 groups to be programmed.

- a maximum of 128 indoor units can be controlled
- 8 types of weekly schedule
- a maximum of 48 hours back up power supply
- a maximum wiring length of 1,000m (total: 2,000m)

Network Solutions



The ideal solution for control and management up to 2,000 Sky Air and/or VRV indoor units



APPLICATION AREA

- A small commercial area of less than 40 indoor units.
- Critical applications for centralised monitoring.

SYSTEM LAYOUT

- Allows monitoring and control of up to up to 50 stores or sites and 2,000 indoor units with just one modem and phone line.

- Automates daily air conditioning operation in order to free users from the hassle of air conditioning operation/management.
- The daily schedule setting allows automatic operation afterward.
- Automates alarm (report messages) for any malfunctions/errors. Immediate report of any indoor unit breakdown to the servicing company.
- Automatic report of breakdown/malfunction information.
- Minimizes the inconvenience of not having air conditioning via rapid messages

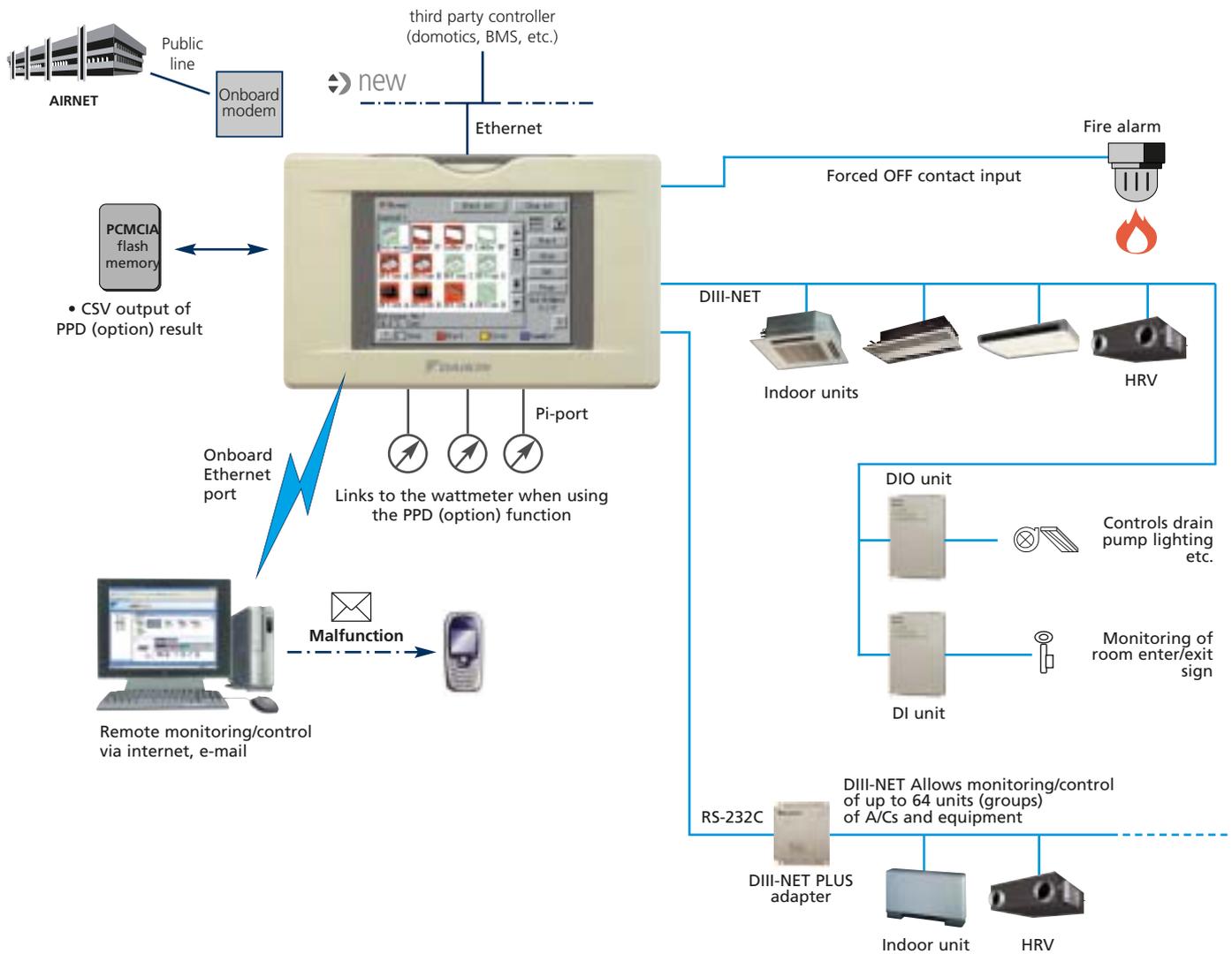
FUNCTIONS

- Schedule setup (Daily schedule)
 - Start/Stop
- Air conditioning malfunction report
 - Send message to monitoring system
- Manual operation
 - Start/Stop, Set temperature, Operation mode, Fan speed
- Status monitoring (Start/Stop, Set temperature, Operation mode, Room temperature, Operation time, Error code)

Network Solutions

intelligent *touch* Controller

Allows detailed & easy monitoring and operation of VRV systems (max. 2 X 64 groups/indoor units).





LANGUAGES

- English
- French
- German
- Italian
- Spanish

SYSTEM LAYOUT

- Up to 2 x 64 indoor units can be controlled
- Onboard Ethernet port (web browser + e-mail)
- Digital i/o contacts (option)
- Touch panel (full colour LCD via icon display)

MANAGEMENT

- Web application & internet compatibility
 - Monitoring & control according to user
 - Remote monitoring & control of more than one building
 - Remote monitoring & control of more than one building via internet
- Power Proportional Distribution: PPD (option)
- Easy management of electricity consumption
- Enhanced history function

CONTROL

- Individual control (set point, start/stop, fan speed) (max. 2 x 64 groups/indoor units)
- Schedule control (8 schedules, 17 patterns)
- Flexible grouping in zones
- Yearly schedule
- Fire emergency stop control
- Interlocking control
- Increased HRV monitoring and control function
- Automatic cooling/heating change-over
- Heating optimisation
- Temperature limit
- Password security: 3 levels (general, administration & service)
- Quick selection and full control
- Simple navigation

MONITORING

- Visualisation via Graphical User Interface (GUI)
- Icon colour display change function
- Indoor units operation mode
- Error messages via e-mail & mobile phone (option)
- Indication filter replacement
- Multi PC

COST PERFORMANCE

- Labour saving
- Easy installation
- Compact design: limited installation space
- Overall energy saving

⇒ new OPEN INTERFACE

- communication to any third party controller (domotics, BMS, etc.) is possible via open interface

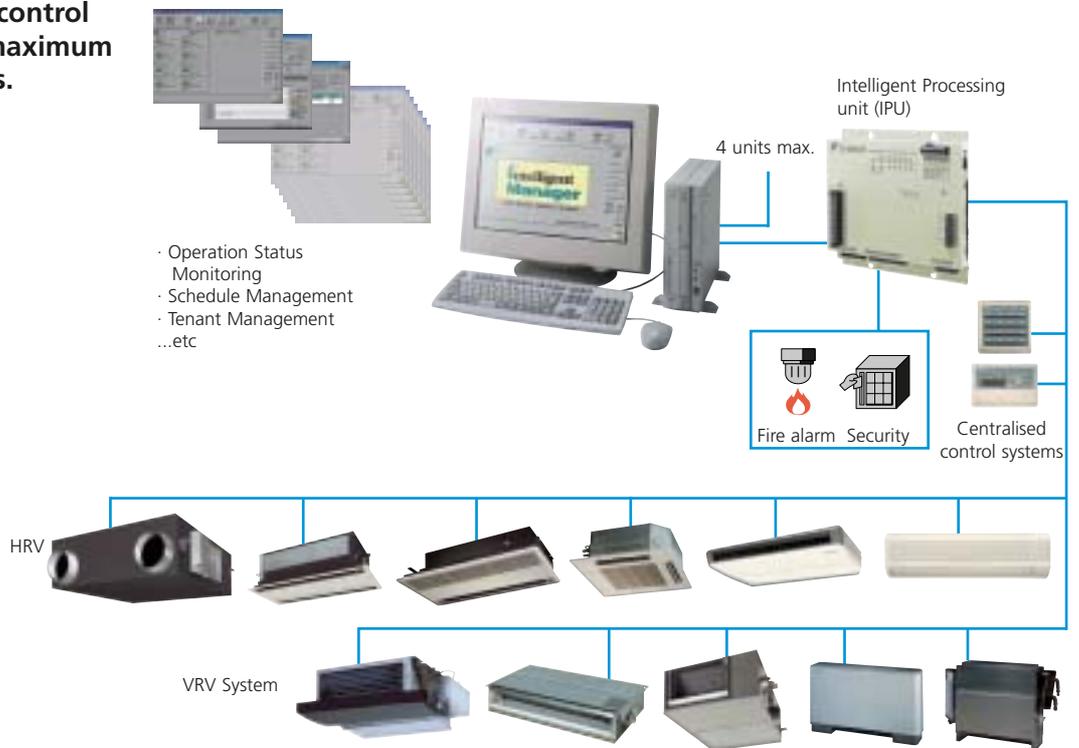
CONNECTABLE TO:

- VRV
- HRV
- Sky Air (via interface adapter)
- Split (via interface adapter)

Network Solutions

Intelligent Manager

The ideal solution for control and management of maximum 1,024 VRV indoor units.



LANGUAGES

- English
- French
- German
- Italian
- Spanish

SYSTEM LAYOUT

- Up to 1,024 indoor units can be controlled (by 4 iPUs)
- Ethernet TCP/IP / 10 base/T communication
- Integrated digital contacts on the Intelligent Processing Unit (iPU)
 - 19 general input ports
 - 2 digital outputs
- Stand alone operation of the iPU for minimum 48 hours
- Compatible with UPS shutdown software

MANAGEMENT

- Power Proportional Distribution
- Operational history management (start/stop, malfunction, operation hours)
- Generation of reports (graphics & tables) (daily, weekly, monthly)
- Peak load shedding
- Advanced tenant management
- Sliding temperature
- Eco mode

CONTROL

- Individual control (setpoint, start/stop, fan speed) (max. 1,024 indoor units)
- Group control (100 groups)
- Schedule control (128 programs)
- Fire emergency stop control (32 programs)
- Interlocking control
- Setpoint limitation
- Automatic cool-heat change-over
- Power failure/release control
- Temperature limit (automatic start)
- Timer extension

MONITORING

- Visualisation via a Graphical User Interface (GUI) featuring free layout
- Operation mode of indoor units
- Fault indication
- Indication filter replacement
- Setpoint indication
- Operation time monitoring
- Multi PC
- On-line help

COST PERFORMANCE

- Labour saving
- Easy installation
- Compact design: limited installation space
- Overall energy saving

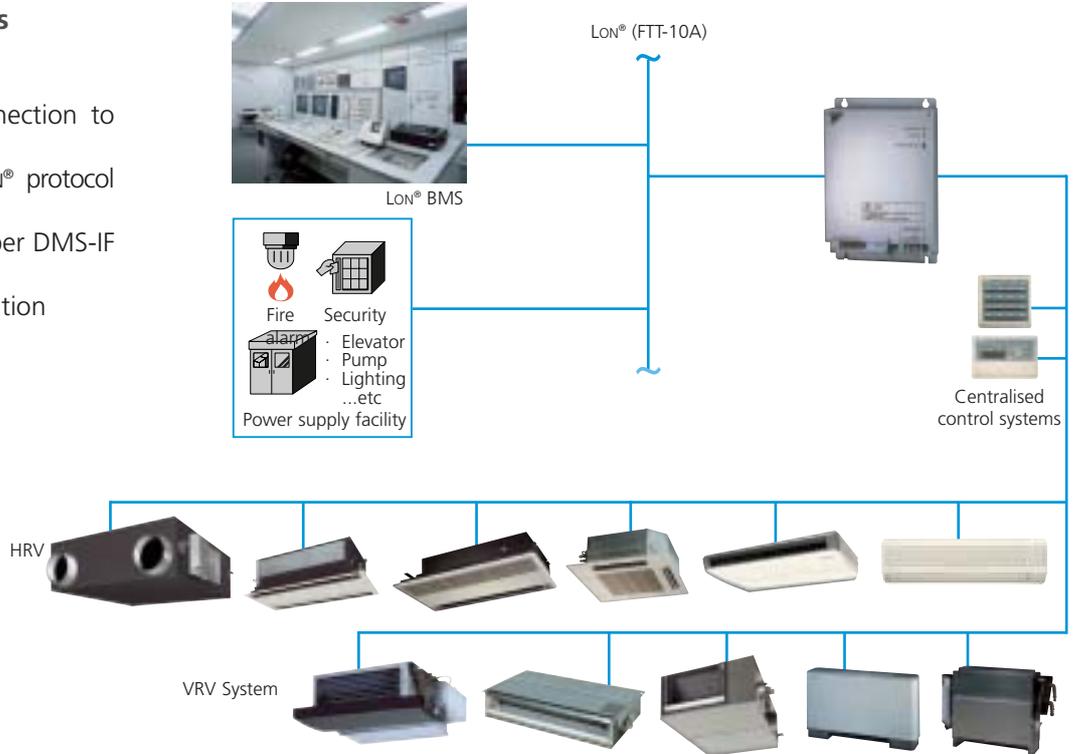
CONNECTABLE TO:

- VRV
- HRV
- Sky Air (via interface adapter)
- Split (via interface adapter)

DMS-IF

LONWORKS® Networks Compatible Gateway

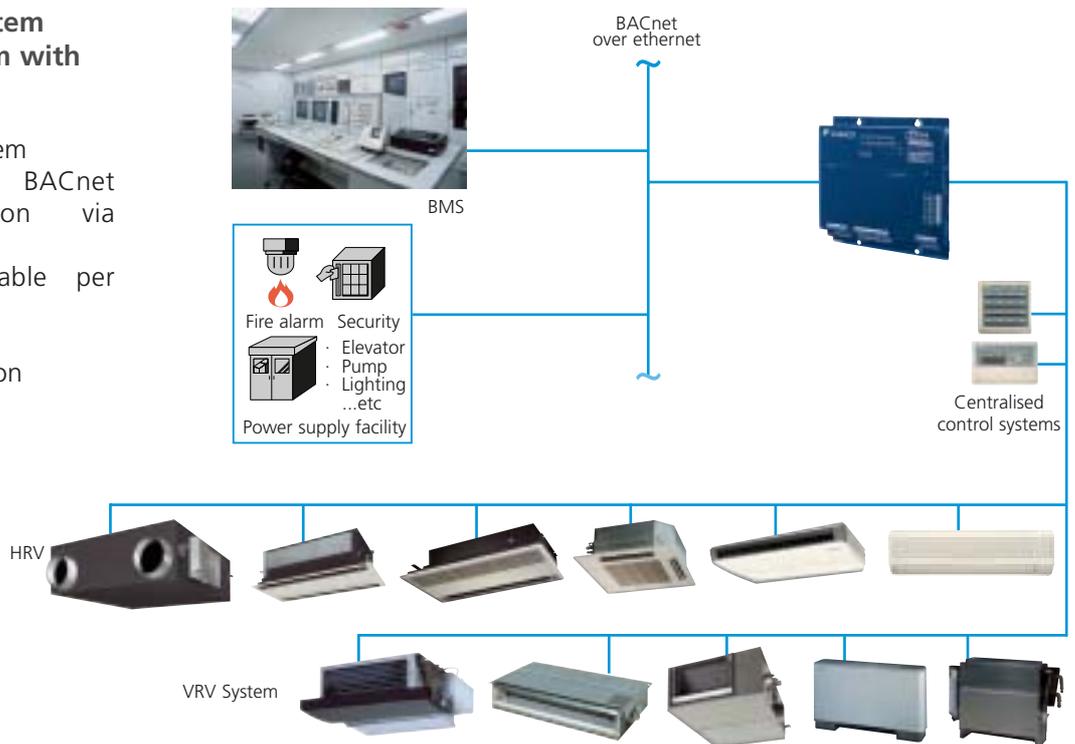
- Interface for LON connection to LONWORKS® networks
- Communication via LON® protocol (twisted pair wire)
- 64 units connectable per DMS-IF
- Unlimited site-size
- Quick and easy installation



BACnet Gateway

Integrated control system connecting VRV system with BMS system

- Interface for BMS system
- Communication via BACnet protocol (connection via Ethernet)
- 256 units connectable per BACnet gateway
- Unlimited sitesize
- Easy and fast installation





DAIKIN

Chiller nr1



Precise environmental control is vital in many industrial and commercial applications. Daikin offers an outstanding range of powerful air cooled, water cooled and condenserless chiller systems that will maintain ideal conditions in even the largest premises.

Daikin water chillers are of advanced design, compact and easy to install and maintain.

They prove flexible and effective in multiple process cooling applications in for example, fish farms, wine cellars, maritime transport, agricultural, pharmaceutical or industrial processes. When combined with air handling units or Daikin fan coil units of course, they are ideal for air conditioning offices, hotels, restaurants and even domestic premises.

Matched and flexible equipment/refrigerant combinations enable Daikin to offer a complete range of chillers, genuinely optimised for use with R-134a and R-407C. All chiller components - evaporator, condenser, dryer, oil etc - have been specially selected for use with either R-407C or R-134a refrigerants. The end result is a range of hi tech, high performance units, indicated by published EUROVENT data to be among the most energy efficient of their type on the market.

Advanced technology allied unsurpassed product reliability and quality, make Daikin chillers the first choice for professionals.

Applied Systems

AIR-COOLED/REMOTE EVAPORATOR		
	EWAQ-AAV / EWYQ-AAV	108
	EUWAC-FZW	109
	EUWA-KAZW	110
	EUWA-CZ6Y	111
	EUWY-KAZW	112
	EUWY-CZ6Y	113
	EWAP-MBY	114
new ↷	EWTP-MBY	115
new ↷	EWAD-MBY	116
new ↷	ERAP-MBY	117
	DICN (DAIKIN INTEGRATED CHILLER NETWORK)	118
	EHMC	119
WATER-COOLED / REMOTE CONDENSER		
	EUW-KZW / EUWL-KZW	120
new ↷	EWWD-MBY / EWLD-MBY	122
FAN COIL UNITS		
new ↷	FWV / FWL / FWM / FWD / FWB	123



EWAQ-AAV EWYQ-AAV

air-cooled

- Inverter chiller
- Optimised for use with R-410A
- Daikin swing compressor
- Integrated hydronics
- No buffer tank needed
- Advanced control possibilities
- Precise temperature control



EWYQ005AAV3P

COOLING ONLY

INVERTER

			EWAQ005AAV	EWAQ006AAV	EWAQ007AAV
Nominal capacity		kW	5.0	6.0	7.0
Nominal input		kW	*	*	*
EER			*	*	*
Dimensions (HxWxD)		mm		805 x 1190 x 360	
Nominal water pressure drop			*	*	*
Machine weight		kg	95	95	97
Sound pressure level		dB(A)	47	49	53
Sound power level		dB(A)	63	64	66
Operation range	water side	°CDB		4°C ~ 20°C	
	air side	°CDB		10°C ~ 46°C	
Refrigerant type				R-410A	
Power supply		V1		230V/1 ~ 50Hz	
Minimum water volume		l	10	10	10
Piping connections	evaporator water inlet/outlet		*	*	*
	water drain		*	*	*

HEAT PUMP

INVERTER

			EWYQ005AAV	EWYQ006AAV	EWYQ007AAV
Nominal capacity	cooling	kW	5.0	6.0	7.0
	heating	kW	6.0	7.0	8.0
Nominal input	cooling	kW	*	*	*
	heating	kW	*	*	*
EER			*	*	*
COP			*	*	*
Dimensions (HxWxD)		mm		805 x 1190 x 360	
Nominal water pressure drop			*	*	*
Machine weight		kg	95	95	97
Sound pressure level	cooling	dB(A)	47	49	53
	heating	dB(A)	48	49	52
Sound power level		dB(A)	63	64	66
Operation range - water side	cooling	°C		4°C ~ 20°C	
	heating	°C		30°C ~ 55°C	
Operation range - air side	cooling	°CDB		10°C ~ 46°C	
	heating	°CDB		-15°C ~ 43°C	
Refrigerant type				R-410A	
Power supply		V1		230V/1 ~ 50Hz	
Minimum water volume		l	10	10	10
Piping connections	evaporator water inlet/outlet		*	*	*
	water drain		*	*	*

* Information was not available at time of publication



EUWAC-FZW

air-cooled



EUWAC8FZW

- Daikin Scroll compressor
- Standard phase sequence controller
- High static pressure (up to 150 Pa)
- Pressure gauges
- Operation down to -10°C ambient temperature
- Regulating switch
- Electronic DDC controller
- Water inlet or outlet temperature control
- Input contacts / available outputs
 - Input
 - ON/OFF (per circuit)
 - Pump/flow switch
 - Output
 - Compressor operation
 - Summary alarm
 - Pump relay contact



COOLING ONLY

		EUWAC5FZW	EUWAC8FZW	EUWAC10FZW
Cooling capacity	kW	11.6	18.4	23.8
Nominal input	kW	5.25	7.78	9.85
EER		2.21	2.37	2.42
Dimensions (HxWxD)	mm	1,345x856x630	1,290x1,180x630	1,395x1,330x630
Machine weight	kg	164	224	261
Sound power level	dBA	63	66	69
Operation range	water side	4°C (-10°C as option) ~ 21°C		
	air side	-10°C ~ 43°C		
Refrigerant type		R-407C		
Power supply	W1	400V/3N ~ 50Hz		
Piping connections	evaporator water inlet/outlet	F8SP 1"		
	water drain	Field installation		



EUWA*-KAZW

air-cooled



EUWAN16KAZW



EUWAN:

standard equipment

- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille

EUWAP = EUWAN +

- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWAB = EUWAP +

- Buffer tank

- Optimised for use with R-407C
- Daikin Scroll compressor
- Reduced installation time thanks to integrated pump and/or buffer tank
- Possibility for a 200 l buffer tank
- Integrated hydraulic components
- Low noise level
- Improved serviceability
- Main switch
- Water flow switch
- Electronic DDC controller



COOLING ONLY

		EUWA*5KAZW			EUWA*8KAZW			EUWA*10KAZW			EUWA*12KAZW			EUWA*16KAZW			EUWA*20KAZW			EUWA*24KAZW					
		N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B			
Cooling capacity	kW	113			179			225			265			370			466			553					
Nominal input	kW	4.52	4.64		7.38	7.39		8.79	8.74		11.5	11.5		15.2	15.0		18.1	17.9		24.0	24.0				
EER		2.51	2.44		2.42	2.42		2.56	2.57		2.30	2.30		2.42	2.47		2.57	2.60		2.30	2.30				
Dimensions (HxWxD)	mm	1,230x1,290x734						1,450x1,290x734						1,321x2,580x734						1,541x2,580x734					
Nominal static height	unit	kPa			kPa			kPa			kPa			kPa			kPa			kPa					
Nominal pressure drop		24			38			43			37			22			22			22					
Expansion vessel volume	l	-			12			-			12			-			12			-			12		
Buffer tank volume	l	-			55			-			55			-			55			-			55		
Machine weight	kg	150	168	180	215	229	241	245	259	271	248	262	274	430	448	460	490	508	520	496	514	526			
Sound power level	dB(A)	67			76			78			78			79			81			81					
Operation range	water side	°CDB																							
	air side	°CDB																							
Refrigerant type		R-407C																							
Power supply		400V/3N ~ 50Hz																							
Piping connections	evaporator water inlet/outlet	2"																							
	water drain	ø15																							



EUWA*-CZ6Y

air-cooled



EUWAN40CZ6Y



EUWAN:

standard equipment

- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille

EUWAP = EUWAN +

- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWAB = EUWAP +

- Buffer tank

- Optimised for use with R-407C
- Scroll compressor
- Reduced installation time thanks to integrated pump and/or buffer tank
- Integrated hydraulic components
- Low noise level
- Improved serviceability
- Main switch
- Mechanical water flow switch



COOLING ONLY

			EUWA*030CZ6Y			EUWA*035CZ6Y			EUWA*040CZ6Y			EUWA*045CZ6Y			EUWA*049CZ6Y			EUWA*050CZ6Y		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Cooling capacity		kW	62.5			78.2			102.0			121.8			133			128.9		
Nominal input		kW	24.6			28.1			39.2			44.2			52.2			49.6		
EER			2.54			2.78			2.62			2.75			2.55			2.60		
Dimensions (HxWxD)	N & P-type	mm	1,897x2,800x1,100			1,897x3,200x1,100			2,074x3,200x1,100			2,074x3,200x1,100			2,074x3,200x1,100			1,897x3,400x2,300		
Nominal static height	unit	kPa	-			182			-			154			-			201		
Nominal pressure drop		kPa	32			-			49			51			56			37		
Expansion vessel volume		l	-			25			-			25			-			25		
Buffer tank volume		l	-			370			-			410			-			410		
Operation weight		kg	842			945			1,711			954			1,076			1,923		
Sound power level (standard/low noise option)		dBA	85/80			86/81			87/84			87/84			87/84			88/83		
Operation range	water side	°CDB	-12°C ~ 12°C																	
	air side	°CDB	-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C		
Refrigerant type			R-407C			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1	400V/3 ~ /50Hz																	
Piping connections	evaporator water inlet/outlet		ISO R7 - 2"			ISO R7 - 2" 1/2														

Notes: * For dimensions of B-type unit and low noise unit, please refer to the databook

			EUWA*060CZ6Y			EUWA*070CZ6Y			EUWA*080CZ6Y			EUWA*090CZ6Y			EUWA*095CZ6Y		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Cooling capacity		kW	157.1			182.8			215			242			267		
Nominal input		kW	58.6			69.1			78.8			89.3			105		
EER			2.68			2.65			2.73			2.71			2.54		
Dimensions (HxWxD)	N & P-type	mm	1,897x3,400x2,300			2,100x3,400x2,300			2,100x3,400x2,300			2,100x3,400x2,300			2,100 x 3,400 x 2,300		
Nominal static height	unit	kPa	-			181			-			183			-		
Nominal pressure drop		kPa	45			-			44			44			53		
Expansion vessel volume		l	-			35			-			35			-		
Buffer tank volume		l	-			570			-			570			-		
Operation weight		kg	1,818			1,928			3,142			2,087			2,901		
Sound power level (standard/low noise option)		dBA	89/84			89/85			94/88			95/88			95/88		
Operation range	water side	°CDB	-12°C ~ 12°C														
	air side	°CDB	-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C		
Refrigerant type			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1	400V/3 ~ /50Hz														
Piping connections	evaporator water inlet/outlet		ISO R7 - 2" 1/2			ISO R7 - 3"											

Notes: * For dimensions of B-type unit and low noise unit, please refer to the databook



EUWY*-KAZW

air-cooled



EUWYN16KAZW



EUWYN:

standard equipment

- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille
- All year operation

EUWYP = EUWYN +

- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWYB = EUWYP +

- Buffer tank

- Optimised for use with R-407C
- Daikin scroll compressor
- Reduced installation time thanks to integrated pump and/or buffer tank
- Possibility for a 200 l buffer tank
- Integrated hydraulic components
- Low noise level
- Improved serviceability
- Main switch
- Water flow switch
- Electronic DDC controller



HEAT PUMP

			EUWY*5KAZW			EUWY*8KAZW			EUWY*10KAZW			EUWY*12KAZW			EUWY*16KAZW			EUWY*20KAZW			EUWY*24KAZW					
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B			
Nominal capacity	cooling	kW	91			171			210			250			342			400			500					
	heating	kW	119			185			240			270			370			460			540					
Nominal input	cooling	kW	3.78	3.78	7.45	7.46	8.57	8.57	11.4	11.4	14.9	14.9	16.3	16.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8			
	heating	kW	4.59	4.59	7.10	7.10	9.10	9.10	10.8	10.8	14.2	14.2	17.4	17.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6			
EER			2.40	2.40	2.30	2.30	2.45	2.45	2.20	2.20	2.30	2.30	2.45	2.45	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20			
COP			2.60	2.60	2.60	2.60	2.64	2.64	2.50	2.50	2.61	2.61	2.64	2.64	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50			
Dimensions (HxWxD)		mm	1,230x1,290x734						1,450x1,290x734						1,321x2,580x734						1,541x2,580x734					
Nominal static height unit	cooling	kPa	-	223	-	171	-	151	-	118	-	209	-	183	-	146	-	146	-	111	-	111	-			
	heating	kPa	-	205	-	160	-	127	-	100	-	195	-	147	-	111	-	111	-	81	-	81	-			
Nominal pressure drop	cooling	kPa	10			25			24			33			12			12			19					
	heating	kPa	17			29			31			38			14			16			22					
Expansion vessel volume		l	-	12	-	12	-	12	-	12	-	12	-	12	-	12	-	12	-	12	-	12	-			
Buffer tank volume		l	-	55	-	55	-	55	-	55	-	55	-	55	-	55	-	55	-	55	-	55	-			
Machine weight		kg	163	181	193	227	241	253	258	272	284	258	272	284	455	473	485	516	534	546	516	534	546			
Sound power level		dB(A)	67			76			78			78			79			81			81					
Operation range - water side	cooling	°CDB	5°C (-10°C as option) ~ 25°C																							
	heating	°CDB	35°C ~ 50°C																							
Operation range - air side	cooling	°CDB	-15°C ~ 43°C																							
	heating	°CDB	-10°C ~ 21°C																							
Refrigerant type		R-407C																								
Power supply		400V/3N ~ /50Hz																								
Piping connections	evaporator water inlet/outlet		1-1/4"						1-1/4"						2"											
	water drain	mm	ø15						ø15						ø15											



EUWY*-CZ6Y

air-cooled



EUWYN040CZ6Y



EUWYN:

standard equipment

- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille
- All year operation

EUWYP = EUWYN +

- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWYB = EUWYP +

- Buffer tank

- Optimised for use with R-407C
- Scroll compressor
- Reduced installation time thanks to integrated pump and/or buffer tank
- Integrated hydraulic components
- Low noise level
- Improved serviceability
- Main switch
- Mechanical water flow switch



HEAT PUMP

	EUWY*030CZ6Y			EUWY*035CZ6Y			EUWY*040CZ6Y			EUWY*045CZ6Y			EUWY*049CZ6Y			EUWY*050CZ6Y					
	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B			
Nominal capacity	cooling	kW		60.8			73.6			94.4			117			125			126		
	heating	kW		57.8			70.5			96.3			116			121			116		
Nominal input	cooling	kW		25.6			30.5			40.6			43.7			51.7			51.8		
	heating	kW		231			279			381			421			45.9			46.4		
EER / COP			2.38/2.50		2.43/2.53			2.34/2.53			2.70/2.74			2.44/2.69			2.45/2.49				
Dimensions (HxWxD)	N & P-type	mm		1,897x2,800x1,100			1,897x3,200x1,100			2,048x3,200x1,100			2,048x3,200x1,100			2,048x3,200x1,100			1,897x3,400x2,300		
Nominal static height - unit	cooling / heating	kPa		-/ 184/184			-/ 177/177			-/ 144/144			-/ 173/173			-/ 161/161			-/ 207/207		
Nominal pressure drop	cooling / heating	kPa		33/33			-/ 38/38			-/ 46/46			-/ 43/43			-/ 44/44			-/ 30/30		
Expansion vessel volume		l		- 25			- 25			- 25			- 25			- 25			- 35		
Buffer tank volume		l		- 370			- 410			- 410			- 410			- 410			- 570		
Operation weight		kg		870 973 1,739			996 1,104 1,951			1,182 1,290 2,136			1,302 1,410 2,256			1,331 1,439 2,285			1,677 1,787 3,001		
Sound power level (standard/low noise option)		dB(A)		85/80			86/81			87/84			87/84			87/84			88/83		
Operation range - water side	cooling / heating	°CDB		0°C ~ 12°C (-12°C as option) / 25°C ~ 50°C -10°C ~ 42°C (-18°C as option) / -10°C ~ 20°C																	
Operation range - air side	cooling / heating	°CDB																			
Refrigerant type		R-407C		R-407C			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1		400V/3~50Hz			400V/3~50Hz			400V/3~50Hz			400V/3~50Hz			400V/3~50Hz			400V/3~50Hz		
Piping connections	evaporator water inlet/outlet	ISO R7 - 2"		ISO R7 - 2" 1/2			ISO R7 - 2" 1/2			ISO R7 - 2" 1/2			ISO R7 - 2" 1/2			ISO R7 - 2" 1/2			ISO R7 - 2" 1/2		

Notes: * For dimensions of B-type unit and low noise unit, please refer to the databook

	EUWY*060CZ6Y			EUWY*070CZ6Y			EUWY*080CZ6Y			EUWY*090CZ6Y			EUWY*095CZ6Y								
	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B						
Nominal capacity	cooling	kW		153			168			195			220			252					
	heating	kW		141			167			193			214			247					
Nominal input	cooling	kW		61.2			70.3			78.1			90.9			105					
	heating	kW		56.4			65.2			78.1			86.3			92.2					
EER / COP			2.50/2.51		2.39/2.56			2.50/2.47			2.40/2.48			2.40/2.68							
Dimensions (HxWxD)	N & P-type	mm		1,897x3,400x2,300			2,100x3,400x2,300			2,100x3,400x2,300			2,100x3,400x2,300			2,100 x 3,400 x 2,300					
Nominal static height - unit	cooling / heating	kPa		-/ 189/189			-/ 197/197			-/ 180/180			-/ 141/141			-/ 122/122					
Nominal pressure drop	cooling / heating	kPa		36/36			-/ 30/30			-/ 35/35			-/ 35/35			-/ 41/41					
Expansion vessel volume		l		- 35			- 35			- 35			- 35			- 35					
Buffer tank volume		l		- 570			- 570			- 570			- 570			- 570					
Operation weight		kg		1,872 1,928 3,196			2,166 2,980 3,494			2,324 2,438 3,652			2,502 2,691 3,905			2,535 2,724 3,938					
Sound power level (standard/low noise option)		dB(A)		89/84			89/85			94/88			95/88			95/88					
Operation range - water side	cooling / heating	°CDB		0°C ~ 12°C (-12°C as option) / 25°C ~ 50°C -10°C ~ 42°C (-18°C as option) / -10°C ~ 20°C																	
Operation range - air side	cooling / heating	°CDB																			
Refrigerant type		R-407C		R-407C			R-407C			R-407C			R-407C			R-407C					
Power supply		Y1		400V/3~50Hz			400V/3~50Hz			400V/3~50Hz			400V/3~50Hz			400V/3~50Hz					
Piping connections	evaporator water inlet/outlet	ISO R7 - 2" 1/2		ISO R7 - 3"			ISO R7 - 3"			ISO R7 - 3"			ISO R7 - 3"			ISO R7 - 3"					

Notes: * For dimensions of B-type unit and low noise unit, please refer to the databook



EWAP-MBY

air-cooled

EWAP200-340MBY

 new



- PED approved units
- Daikin single screw stepless compressor
- All components optimised for use with R-407C refrigerant
- Advanced PCO² digital controller
- Modular format
- Standard operating range down to -15°C ambient
- High quality, anti-corrosion treated components as standard
- Moisture indicator as standard
- Victaulic joints as standard
- Flow switch as standard
- Reverse phase protection as standard
- Chilled water temperatures down to -10°C on standard unit. (Parameter in the service menu of the PCO² digital controller must be set by the installer)

- DICN operation as standard within same series
- Evaporator heater tape as standard on all units
- Double refrigeration circuit (from 400kW on)
- Heat recovery option available (EWTP-MBY) 
- Inverter fans and hi-esp fans (up to 150Pa) available as option 
- Low operating sound level - extra low noise option available



Low noise operation

COOLING ONLY

		EWAP110MBY	EWAP140MBY	EWAP160MBY	EWAP200MBY	EWAP280MBY	EWAP340MBY	EWAP400MBY	EWAP460MBY	EWAP540MBY
Cooling capacity	kW	111	144	164	199	285	349	395	468	541
Nominal input	kW	41.9	51.8	64.3	78.1	108	140	156	189	222
EER		2.65	2.78	2.55	2.55	2.64	2.49	2.53	2.48	2.44
Dimensions (HxWxD)	mm	2,250x2,346x2,238				2,250x4,280x2,238			2,250x5,901x2,238	
Machine weight	kg	1,417	1,571	1,660	2,203	2,583	2,633	4,865	4,988	5,111
Sound power level (standard/low noise option)	dBA	89/86	94/89	94/88	95/93	96/90	98/92	99/93	99/94	99/94
Operation range	water side					-10°C ~ 26°C				
	air side					-15°C ~ 43°C				
Refrigerant type		R-407C								
Power supply	Y1	400V/3 ~ /50Hz								
Piping connections	evaporator water inlet/outlet	flexible coupling + counterpipe for welding 3"OD			flexible coupling + counterpipe for welding 3"			flexible coupling + counterpipe for welding 5"		



EWTP-MBY

air-cooled

- Optimised for use with R-407C
- Daikin semi-hermetic single screw compressor
- Stepless compressor control
- DICN control
- Double PED approved high pressure switches
- Pressure relief valve
- Total heat recovery up to 85% or desuperheater up to 60°C leaving water temperature
- Reduced energy consumption thanks to optimised condensing temperature by use of inverter fans
- Inverter fans ensure smoother operation and better colour of sound
- Linear sound reduction in function of ambient temperature



HEAT RECOVERY

			EWTP110MBY	EWTP140MBY	EWTP160MBY	EWTP200MBY	EWTP280MBY	
Nominal capacity	cooling	kW	107	138	158	191	274	
	cooling during heat recovery	kW	97.7	126	144	171	251	
	heat recovery	kW	116	148	176	208	301	
Nominal input	cooling	kW	43.7	54	67	81.3	113	
	heat recovery mode	kW	39.4	47.8	62.4	73.2	103	
EER/COP			2.45/2.94	2.55/3.10	2.36/2.82	2.35/2.84	2.42/2.92	
Dimensions (HxWxD)		mm	2,250x2,346x2,238			2,250x4,280x2,238		
Dimensions (HxWxD)	with delivered filter	mm	2,250x2,700x2,238			2,250x4,495x2,238		
Machine weight		kg	1,465	1,629	1,723	2,266	2,646	
Sound power level	standard / low noise	dBA	89/86	94/89	94/88	95/93	96/90	
Operation range	air side	°CDB					-15°C ~ 43°C	
	water side	°CDB					-10°C ~ 26°C	
Refrigerant type							R-407C	
Power supply		Y1					400V/3 ~/50Hz	
Piping connections	evaporator water inlet/outlet		flexible coupling + counterpipe for welding 3" OD			flexible coupling + counterpipe for welding 3"		
	heat recovery condenser inlet/outlet						2" G	
	evaporator water drain		field installation	field installation	field installation	1/4" G	1/4" G	

			EWTP340MBY	EWTP400MBY	EWTP460MBY	EWTP540MBY		
Nominal capacity	cooling	kW	335	379	449	520		
	cooling during heat recovery	kW	311	337	401	465		
	heat recovery	kW	377	407	434	441		
Nominal input	cooling	kW	146	163	197	232		
	heat recovery mode	kW	132	142	177	214		
EER/COP			2.29/2.86	2.33/2.87	2.28/2.45	2.24/2.06		
Dimensions (HxWxD)		mm	2,250x4,280x2,238		2,250x5,901x2,238			
Dimensions (HxWxD)	with delivered filter	mm	2,250x4,495x2,238		2,250x5,901x2,653			
Machine weight		kg	2,727	4,990	5,113	5,236		
Sound power level	standard / low noise	dBA	98/92	99/93	99/94	99/94		
Operation range	air side	°CDB					-15°C ~ 43°C	
	water side	°CDB					-10°C ~ 26°C	
Refrigerant type							R-407C	
Power supply		Y1					400V/3 ~/50Hz	
Piping connections	evaporator water inlet/outlet		flexible coupling counterpipe for welding 3"	flexible coupling 5"				
	heat recovery condenser inlet/outlet						2" G	
	evaporator water drain		1/4" G	1/4" G	1/4" G	1/4" G		



EWAD-MBY

air-cooled

EWAD170MBY

 new



- PED approved units
- Daikin single screw stepless compressor
- All components optimised for use with R-134a refrigerant
- Modular format
- Standard operating range down to -15°C ambient
- High quality, anti-corrosion treated components as standard
- Moisture indicator as standard
- Victaulic joints as standard
- Flow switch as standard
- Reverse phase protection as standard
- DICN operation as standard within same series
- PCO² digital controller
- Evaporator heater tape as standard on all units
- Double refrigeration circuit (from 240kW on)
- Hi-ESP fans (up to 150Pa) available as  new option
- Low operating sound level - extra low noise option available



COOLING ONLY

		EWAD120MBY	EWAD150MBY	EWAD170MBY	EWAD240MBY	EWAD300MBY	EWAD340MBY
Cooling capacity	kW	121	149	171	226	286	330
Nominal input	kW	411	541	64.9	83.7	105	136
EER		2.94	2.75	2.63	2.70	2.72	2.42
Dimensions (HxWxD)	mm	2,221x3,973x1,109			2,250x4,280x2,238		
Machine weight	kg	1,391	1,600	1,705	2,710	3,210	3,260
Sound power level (standard/low noise option)	dBA	87/84	94/88	92/85	90/87	97/91	98/88
Operation range	water side	4°C (-10°C as option) ~ 26°C					
	air side	-15°C ~ 43°C					
Refrigerant type		R-134a					
Power supply	Y1	400V/3 ~/50Hz					
Piping connections	evaporator water inlet/outlet	3" victaulic coupling	4" victaulic coupling			5" victaulic coupling	
	water drain	1/2" G-F UNI-ISO 228/1					



ERAP-MBY

remote evaporator

 new



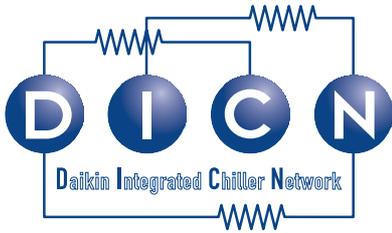
ERAP150MBY

- PED approved units
- Daikin single screw stepless compressor
- All components optimised for use with R-407C refrigerant
- Standard operating range down to -15°C ambient
- High quality, anti-corrosion treated components as standard
- Advanced PCO² digital controller
- Reverse phase protection as standard
- Low operating sound level - extra low noise option available



COOLING ONLY

		ERAP110MBY	ERAP150MBY	ERAP170MBY
Cooling capacity	kW	114	150	171
Nominal input	kW	421	524	652
EER		2.71	2.86	2.62
Dimensions (HxWxD)	mm		2,250x2,346x2,238	
Machine weight	kg	1326	1,440	1516
Sound power level (standard/low noise option)	dBA	89/86	94/89	94/88
Operation range	suction dew point		-15°C ~ 18°C	
	air side		-15°C ~ 43°C	
Refrigerant type			R-407C	
Power supply	Y1		400V/3 ~ 50Hz	
Piping connections	compressor suction inlet		2" 1/8	
	condenser outlet	mm	7/8"	

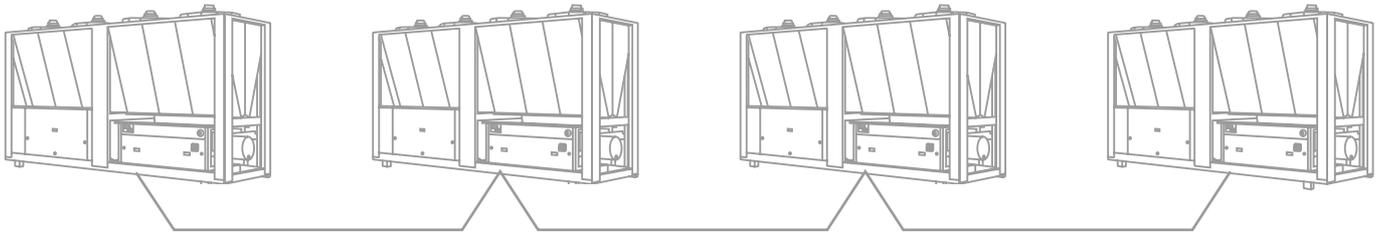


D.I.C.N.

Daikin Integrated Chiller Network

Applicable Series:

- EWAD120-340MBY (R-134a) (see also p.138)
- EWAP110-540MBY (R-407C) (see also p. 136)
- EWW120-540MBY (R-134a) (see also p. 142)



Daikin stepless screw chillers can be equipped with DICN which allows the simultaneous operation of up to 4 chillers as if they were a single unit, in order to deliver the required cooling capacity. This results in precise and efficient capacity control and is also useful for back up purposes, ensuring that the necessary amount of cooling is available and guaranteeing reliable operation of the chiller plant.

This function enables a Daikin 2MW chiller plant to be operated via a single controller.

Please note that DICN is only possible within the same series.



EHMC

Hydraulic module



EHMC10-15-30 AV1010

- 3 models available
- 100 l tank for all sizes
- freeze up protection
- high static pump (option)
- standard drain kit (for indoor use)
- standard dual pressure ports (before & behind the pump)

HYDRAULIC MODULE

		EHMC10AV		EHMC15AV		EHMC30AV	
		1010	1080	1010	1080	1010	1080
Nominal flow	l/min	62		88		187	
Nominal static height	mH ₂ O	17	34	15	27	10	27
Nominal input	W	630	1,050	650	1,070	1,070	2,090
Dimensions (HxWxD)	mm	1,284x635x688		1,284x635x688		1,284x635x688	
Machine weight	kg	99	101	102	104	105	111
Sound power level	dB(A)	63		63		63	
Power supply	V1	230V/1 ~/50Hz					
Operation range	water side	-10°C ~ 55°C					
	air side	-10°C ~ 43°C					
Piping connections	evaporator water inlet/outlet	1" BSPF		2" BSPF		2-1/2" BSPF	
	drain connection			1/2"			



EUW(L)-KZW

water-cooled/remote condenser



- Daikin scroll compressor
- Extension possible up to 72hp
- Optimised design for the use with R-407C refrigerant
- Low operating sound level
- Electronic DDC controller
- Low energy consumption
- Compact dimensions and low refrigerant volume
- Easy installation and maintenance
- Stainless steel plate heat exchanger
- Remote cooling or heating selection
- Water/water heat pump, with water reversibility
- Compatible with hydraulic module
- Standard integrated main switch, water filter, mechanical flow switch, air purge, pressure ports



COOLING ONLY/ HEATING ONLY

			EUW5KZW	EUW8KZW	EUW10KZW	EUW12KZW	EUW16KZW	EUW20KZW	EUW24KZW	
Nominal capacity	cooling	kW	13.0	21.5	28.0	32.5	43.0	56.0	65.0	
	heating	kW	15.4	25.2	34.2	39.0	50.1	67.2	77.4	
Nominal input	cooling	kW	3.71	5.96	7.76	9.10	12.10	16.0	18.30	
	heating	kW	4.5	7.1	9.4	11.1	14.6	19.3	22.1	
EER			3.50	3.61	3.61	3.57	3.55	3.5	3.55	
COP			3.42	3.55	3.64	3.51	3.43	3.48	3.50	
Dimensions (HxWxD)		mm	600x600x600				600x600x1200			
Machine weight		kg	113	150	160	167	300	320	334	
Sound power level		dBA	64	64	64	71	67	67	74	
Operation range - evaporator		°C	5°C (-10°C as option) ~ 20°C							
Operation range - condenser		°C	20°C ~ 55°C							
Refrigerant type			R-407C							
Power supply		W1	400V/3N ~ /50Hz							
Piping connections	evaporator water inlet/outlet	mm	FBSP 25				FBSP 40		2 x 2 x FBSP38	
	water drain		Field installation							

For combination of multiple units (up to 72hp) in master-slave application, an optional switchbox is required. For detailed selection, please refer to the databook.

			EUWL5KZW	EUWL8KZW	EUWL10KZW	EUWL12KZW	EUWL16KZW	EUWL20KZW	EUWL24KZW	
Cooling capacity		kW	12.1	20.0	26.8	31.2	40.0	53.7	62.4	
Nominal input		kW	4.2	6.7	8.7	10.2	13.5	18.0	20.5	
EER			2.88	2.98	3.08	3.06	2.96	2.98	3.04	
Dimensions (HxWxD)		mm	600x600x600				600x600x1200			
Machine weight		kg	104	138	144	149	252	265	274	
Sound power level		dBA	64	64	64	71	67	67	74	
Operation range - water side		°CDB	5°C (-10°C as option) ~ 20°C							
Operation range - condensing temperature		°C	25°C ~ 60°C							
Refrigerant type			R-407C							
Power supply		W1	400V/3N ~ /50Hz							
Piping connections	evaporator water inlet/outlet	mm	FBSP 25				FBSP 40			
	water drain		Field installation							



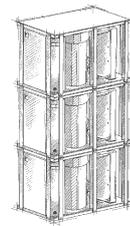
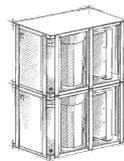
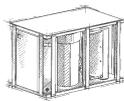
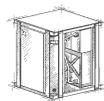
EUW5-24KZW



EUW32-48HZW



EUW52-72HZW



SELECTION TABLE

		1 MODULE (KZ-series)						2 MODULES (HZ-series)						3 MODULES (HZ-series)					
Capacity index		5	8	10	12	16	20	24	32	36	40	44	48	52	56	60	64	68	72
Cooling capacity (kW)		13	21,5	28	32,5	43	56	65	86	99	112	121	130	142	155	168	177	186	195
Heating capacity (kW)		16	26.2	35.3	41	52.5	71	81	105	124	142	153	164	176	195	213	224	235	246
UNIT + CONTROL (factory mounted)	EUW 5 KZW	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EUW 8 KZW	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EUW 10 KZW	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EUW 12 KZW	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EUW 16 KZW	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	EUW 20 KZW	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
EUW 24 KZW	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
UNIT ONLY (Without Control)	EUWN 16 HZW	-	-	-	-	1	-	-	2	1	-	-	-	2	1	-	-	-	-
	EUWN 20 HZW	-	-	-	-	-	1	-	-	1	2	1	-	1	2	3	2	1	-
	EUWN 24 HZW	-	-	-	-	-	-	1	-	-	-	1	2	-	-	-	1	2	3
CONTROL (Kit)	ECB 2 MUW	-	-	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-
	ECB 3 MUW	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1

For example: for a 121 kW (44 digit) system, select:

- 1 EUWN 20 HZW
- +1 EUWN 24 HZW
- + 1 ECB 2 MUW



EWWD-MBY EWLD-MBY

water-cooled/remote condenser

EWWD540MBY



(With low noise option)



Low noise operation

- All models are PED pressure vessel approved
- Daikin single screw stepless compressor
- All components optimised for use with R-134a refrigerant
- Advanced PCO² digital controller
- Modular format
- Moisture indicator as standard
- Victaulic joints as standard
- Chilled water temperatures down to -10°C on standard unit
(Parameter in the service menu of the PCO² digital controller must be set by the installer)
- DICN operation as standard within same series
- Double refrigeration circuit (from 360kW on)

COOLING ONLY/ HEATING ONLY

			EWWD120MBY	EWWD180MBY	EWWD240MBY	EWWD280MBY	EWWD360MBY	EWWD440MBY	EWWD500MBY	EWWD520MBY	EWWD540MBY	
Nominal capacity	cooling	kW	123	183	249	273	366	432	498	522	546	
	heating	kW	147	216	290	327	431	505	580	617	655	
Nominal input	cooling	kW	28.7	45.2	61.6	69.2	90.5	107	123	131	138	
	heating	kW	34.5	54	72.8	83.4	108	127	146	156	167	
EER			4.29	4.05	4.04	3.95	4.04	4.04	4.05	3.98	3.96	
COP			4.26	4.00	3.98	3.92	3.99	3.98	3.97	3.96	3.92	
Dimensions (HxWxD)		mm	1,018x2,681x930					2,000x2,681x930				
Machine weight		kg	1,000	1,273	1,527	1,623	2,546	2,800	3,034	3,150	3,346	
Sound power level (standard/low noise option)		dB(A)	87/81	93/87	94/88	93/87	96/90	96/90	96/90	96/90	96/90	
Operation range	evaporator	°C	-10°C ~ 20°C									
	condenser	°C	20°C ~ 50°C									
Refrigerant type			R-134a									
Power supply		Y1	400V/3 ~ /50Hz									
Piping connections	evaporator water inlet/outlet	mm	3" OD victaulic			3" victaulic						
	evaporator water drain		field installation									
	Condenser water inlet/outlet		2" 1/2 victaulic			3" victaulic						

COOLING ONLY

			EWLD120MBY	EWLD170MBY	EWLD240MBY	EWLD260MBY	EWLD340MBY	EWLD400MBY	EWLD480MBY	EWLD500MBY	EWLD540MBY	
Cooling capacity		kW	116	170	235	265	340	405	470	500	530	
Nominal input		kW	32.0	49.8	66.5	77.9	99.6	116	133	144	156	
EER			3.63	3.41	3.53	3.40	3.41	3.49	3.53	3.47	3.40	
Dimensions (HxWxD)		mm	1,018x2,681x930					2,000x2,681x930				
Machine weight		kg	891	1,110	1,342	1,428	2,220	2,452	2,684	2,770	2,856	
Sound power level (standard/low noise option)		dB(A)	87/81	93/87	94/88	93/87	96/90	96/90	96/90	96/90	96/90	
Operation range	evaporator	°C	-10°C ~ 20°C									
	condensing temp.	°C	25°C ~ 55°C									
Refrigerant type			R-134a									
Power supply		Y1	400V/3 ~ /50Hz									
Piping connections	evaporator water inlet/outlet	mm	3" OD victaulic			3" victaulic						
	evaporator water drain		field installation									
	Liquid line connection		7/8"	1" 1/8	1" 3/8	1" 3/8	2x1/8"	1"1/8 + 1"3/8	2x1" 3/8	2x1" 3/8	2x1" 3/8	
	Discharge line connection		2" 1/8	2" 1/8	2" 1/8	2" 5/8	2x(2"1/8)	2x(2"1/8)	2x(2"1/8)	2" 1/8 + 2" 5/8	2x(2"5/8)	



FWV/FWL FWM/FWD ➔ new FWB

Fan coil units

- 5 models, of which 3 in flexible application
- available in 2-pipe and 4-pipe
- fashionable design
- wide range of options
- to be combined with water chiller or boiler
- washable air filter



➔ new FWB02-10AT

			02	03	04	05	06	07	08	09	10	
COOLING	Total capacity	kW	2.61	3.14	3.49	5.08	5.45	6.47	7.57	8.67	10.34	
	Sensible capacity	kW	1.88	2.16	2.34	3.6	3.87	4.4	5.23	5.96	6.9	
HEATING	Heating capacity (2-pipe) (H)	kW	5.47	6.01	6.47	10.31	11.39	12.28	15.05	16.85	18.78	
	Heating capacity (4-pipe) (H)	l/h	3.14	3.14	3.14	5.99	5.99	5.99	12.8	12.8	12.8	
Power input	Pa	106	106	106	192	192	192	294	294	294		
Dimensions (HxWxD)	kg	239x1,039x609			239x1,389x609			239x1,739x609				
Machine weight	kg	23	24	26	31	33	35	43	45	48		
Sound power level (H/L)	dB(A)	58/36	58/36	58/36	60/37	60/37	60/37	69/53	69/53	69/53		
Heat exchanger	No. of rows	3	4	6	3	4	6	3	4	6		
Fan	Air flow rate (H)	400			800			1,200				
Available pressure	Pa	71			65			59				
No. of speeds	7 speeds (High = 7, medium = 4, low = 1)											
Water connections	inch	3/4										
Power supply	Y1	230V/1 ~/50Hz										

Measuring conditions **COOLING** • 2-pipe: air: 27°CDB/19°CWB - entering water 7°C - leaving water 12°C **HEATING** • 2-pipe: air: 20°CDB - entering water 70°C - leaving water 60°C
Sound power level according to ISO3741 - sound pressure calculated at 1.5m distance - Q=2

FWV/FWL/FWM01-10C**

			01	02	03	04	06	08	10	
2-pipe (**=TN or TV)	COOLING	Total capacity (H)	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.71
		Sensible capacity (H)	kW	1.20	1.51	2.11	3.15	3.65	4.91	6.38
		Water flow	l/h	265	359	504	745	820	1,154	1,498
		Pressure drop	kPa	13	13	11	12	14	12	19
	HEATING	Heating capacity (H)	kW	2.14	2.79	3.81	5.63	6.36	7.83	111
		Water flow	l/h	265	359	504	745	820	1,154	1,498
		Pressure drop	kPa	9	10	9	9	10	9	13
	Power input	H	W	36	46	62	87	89	182	244
	Coil water volume		l	0.5	0.7	1	1.4	1.4	2.1	2.1
	Air flow	H/M/L	m ³ /h	319/233/178	344/271/211	442/341/241	706/497/361	785/605/470	1,011/771/570	1,393/1,022/642
Sound power level	H/M/L	dB(A)	47/39/34	52/44/36	50/44/38	55/48/40	59/52/44	59/52/44	66/58/48	
Weight	FWV	kg	19	20	25	30	31	41	41	
	FWM	kg	14	15	19	23	23	32	32	
	FWL	kg	20	21	27	32	33	44	44	
4-pipe (**=FN)	COOLING	Total capacity (H)	kW	1.5	1.79	2.87	4.26	4.67	6.64	8.55
		Sensible capacity (H)	kW	1.17	1.46	2.07	3.09	3.57	4.85	6.26
		Water flow	l/h	258	308	494	733	803	1,142	1,471
		Pressure drop	kPa	13	13	11	12	14	12	19
		Cooling coil water volume	l	0.5	0.7	1	1.4	1.4	2.1	2.1
	HEATING	Heating capacity (H)	kW	2.23	2.07	2.91	4.51	4.67	7.91	9.30
		Water flow	l/h	196	182	286	396	465	694	816
		Pressure drop	kPa	7	8	5	10	10	8	9
		Heating coil water volume	l	0.2	0.2	0.3	0.4	0.4	0.6	0.6
	Power input	H	W	36	59	62	87	89	182	244
	Air flow	H/M/L	m ³ /h	307/225/174	327/261/205	431/332/238	690/490/356	763/593/460	998/765/565	1,362/1,007/636
	Sound power level	H/M/L	dB(A)	47/39/34	54/48/42	50/45/38	55/48/40	59/53/46	59/52/44	66/58/48
	Weight	FWV	kg	20	21	26	32	33	44	44
FWM		kg	15	16	20	25	25	34	34	
FWL		kg	21	22	28	34	35	46	46	
Water connections		inch	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	
Max. absorbed current		W	0.16	0.21	0.27	0.39	0.38	0.80	1.12	
Dimensions	FWV/FWL	mm	564x774x226			564x984x226		564x1,194x226		564x1,404x251
	FWM	mm	535x584x224			535x794x224		535x1,004x224		535x1,214x249
Power supply		V/~ /Hz	230/1/50							

** = TN (2-pipe, without valves), TV (2-pipe, with valves), FN (4-pipe, without valves).

FWD04-18A*

			04	06	08	10	12	16	18	
2-pipe (**=T)	COOLING	Total capacity	kW	3.90	6.20	7.80	8.82	11.90	16.4	18.3
		Sensible capacity	kW	3.08	4.65	6.52	7.36	9.36	12.8	14.1
		Water flow (H)	l/h	674	1,064	1,339	1,514	2,056	2,833	3,140
		Pressure drop (H)	kPa	17	24	24	16	26	34	45
	HEATING	Heating capacity	kW	4.05	7.71	9.43	10.79	14.45	19.81	21.92
		Water flow (H)	l/h	674	1,064	1,339	1,514	2,056	2,833	3,140
	Pressure drop (H)	kPa	14	20	20	13	21	28	37	
Available static pressure		Pa	66	58	68	64	97	145	134	
Weight		kg	33	41	47	49	65	77	80	
4-pipe (**=F)	COOLING	Total capacity	kW	3.90	6.20	7.80	8.82	11.90	16.4	18.3
		Sensible capacity	kW	3.08	4.65	6.52	7.16	9.36	12.8	14.1
		Water flow (H)	l/h	674	1,064	1,339	1,514	2,056	2,833	3,140
		Pressure drop (H)	kPa	17	24	24	16	26	34	45
	HEATING	Heating capacity	kW	4.49	6.62	9.21	9.21	15.86	21.15	21.15
		Water flow (H)	l/h	349	581	808	808	1,392	1,856	1,856
	Pressure drop (H)	kPa	9	15	13	13	12	16	16	
Available static pressure		Pa	63	53	63	59	92	138	128	
Weight		kg	35	43	50	52	71	83	86	
2-pipe / 4-pipe	Air flow rate		m ³ /h	800	1,250	1,600	1,600	2,200	3,000	3,000
	Power input		W	177	274	315	325	530	991	1,001
	Water connections		inch	3/4	3/4	3/4	3/4	1	1	1
	Max. absorbed current		W	0.95	1.58	1.97	1.97	3.21	5.37	5.37
	Dimensions		mm	280x754x559	280x964x559	280x1,174x559		352x1,174x718	352x1,384x718	
	Sound power level	Overall	dB(A)	66	69	72	72	74	78	78
Power supply		V/~ /Hz	230/1/50							

Measuring conditions (at nominal air flow and ESP) **COOLING** • Air temperature entering the unit: 27°C/19°C • Water temperature entering the unit 7°C • Water temperature rise 5 K
HEATING • Room air temperature 20°C • For 2 pipe units: Water inlet temperature 50°C - Water flow rate same as for the cooling test • For 4 pipe units: - Water inlet temperature 70°C - Water temperature decrease 10 K

POWER Supply

T1 = 3~, 220V, 50HZ
 V1 = 1~, 220-240V, 50HZ
 VE = 1~, 220-240V, 50HZ/60HZ
 V3 = 1~, 230V, 50HZ

VM = 1~, 220~240V/220~230V, 50HZ/60HZ
 W1 = 3N~, 400V, 50HZ
 Y1 = 3~, 400V, 50HZ

MEASURING Conditions

COOLING ONLY

1) nominal cooling capacities are based on:

indoor temperature	27°CDB/19°CWB
outdoor temperature	35°CDB
refrigerant piping length	7.5m - 8/5m VRV
level difference	0m

HEAT PUMP

1) nominal cooling capacities are based on:

indoor temperature	27°CDB/19°CWB
outdoor temperature	35°CDB
refrigerant piping length	7.5m - 8/5m VRV
level difference	0m

2) nominal heating capacities are based on:

indoor temperature	20°CDB
outdoor temperature	7°CDB/6°CWB
refrigerant piping length	7.5m - 8/5m VRV
level difference	0m

CHILLERS:

Air-cooled	cooling only	evaporator: 12°C/7°C	ambient: 35°CDB
	heat pump	evaporator: 12°C/7°C condenser: 40°C/45°C	ambient: 35°C ambient: 7°CDB/6°CWB
Water-cooled	cooling only	evaporator: 12°C/7°C condenser: 30°C/35°C	
	heating only	evaporator: 12°C/7°C condenser: 40°C/45°C	
Remote condenser		evaporator: 12°C/7°C condensing temperature: 45°C / liquid temperature: 40°C	
Remote evaporator	cooling capacity/power input conditions	suction dew point: 5°C superheat: 10°C	ambient: 35°C
Fan coil units	cooling	room temperature: 27°C/19°C entering water temperature: 7°C/12°C	
	heating	room temperature: 20°C water inlet temperature: 50°C (2-pipe)/70°C (4-pipe)	

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions; please refer to the technical databooks).

The sound power level is an absolute value indicating the "power" which a sound source generates.

For more detailed information please consult our technical databooks.



Infrared remote control

Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.



Auto fan speed

Automatically selects the necessary fan speed to reach or maintain the set temperature.



Wired remote control

Wired remote control to start, stop and regulate the air conditioner from a distance.



Fan speed steps

Allows to select up to the given number of fan speed.



Centralised control

Centralised control to start, stop and regulate several air conditioners from one central point.



Timer

Allows to preset the air conditioner to start/stop at a specified time.



Vertical auto swing

Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.



24 Hour timer

Timer can be set to start cooling/heating anytime during a 24-hours period.



Horizontal auto swing

Possibility to select automatic horizontal moving of the air discharge louvre, for uniform air flow and temperature distribution.



Night set mode

Saves energy, by preventing overcooling or overheating during night time.



Draught prevention

When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.



Ceiling soiling prevention

A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.



Auto-restart

The unit restarts automatically at the original settings after power failure.



Self-diagnosis

Simplifies maintenance by indicating system faults or operating anomalies.



Auto cooling-heating changeover

Automatically selects cooling or heating mode to achieve the set temperature (heat pump types only).



Scroll compressor

Silent, reliable Daikin compressor used in medium sized outdoor units.



Dry programme

Allows humidity levels to be reduced without variations in room temperature.



Single screw compressor

Compact, high efficient, silent reliable Daikin compressor.
Maintenance free (inspection only after 40,000 hours of operation)



Fan only

The air conditioner can be used as fan, blowing air without cooling or heating.



Econo mode

This function decreases the power consumption so that other appliances that need large power consumption can be used. This function is also energy saving.



Energy efficiency

Daikin air conditioners are energy efficient and economical.



Powerful mode

If the temperature in the room is too high/low, it can be cooled down/heated quickly by selecting the 'powerful mode'. After the powerful mode is turned off, the unit returns to the preset mode.



Whisper quiet

Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.



Movement sensor

The sensor detects whether someone is in the room. When the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.



Double thermostat function

Controls the temperature via a sensor on the air conditioner or via a sensor on the remote control.



Comfortable sleeping mode

Increased comfort function that follows a specific temperature fluctuation rhythm.



Air filter

Removes airborne dust particles to ensure a steady supply of clean air.



Home leave operation

During absence, the indoor temperature can be maintained at a certain level.



Air purification filter

Removes airborne dust particles and prevents the propagation of bacteria and viruses to ensure a steady supply of clean air.



Outdoor unit silent operation

Lowers the operation sound of the outdoor unit by 3dB(A) to ensure a quiet environment for the neighbourhood.



Photocatalytic deodorising filter

Removes airborne dust particles, decomposes odours and restrains the reproduction of bacteria, viruses, microbes, this to ensure a steady supply of clean air.



Indoor unit silent operation

Lowers the operation sound of the indoor unit by 3dB(A). This function is useful when studying or sleeping.



Drain pump kit

Facilitates condensation draining from the indoor unit.



Night quiet mode (cooling only)

Lowers the operation sound of the outdoor unit automatically by 3dB(A) by removing a jumper wire on the outdoor unit. This function can be deactivated if the jumper wire is reinstalled on the outdoor unit.



Twin/triple/double twin application

2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.



Comfort mode

The new flap changes the discharge angle horizontally for cooling operation and downward vertically for heating operation. This in order to prevent cold or warm air from blowing directly on the body.



Multi model application

Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.



3-D Air flow

This function combines Vertical and Horizontal auto-swing to circulate a stream of cool/warm air right to the corners of even large spaces.



Super multi plus

Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

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ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin units comply with the European regulations that guarantee the safety of the product.



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