



General CATALOGUE 2008



heating, air conditioning



GENERAL CATALOGUE 2008

www.daikin.eu



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



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.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FCU); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units. VRV products are not within the scope of the Eurovent Certification Programme.

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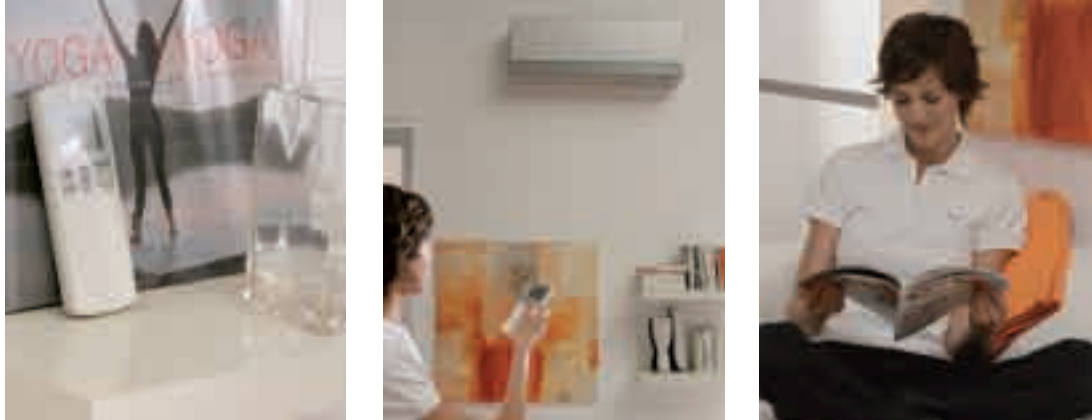
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Foreword

THE LEADER IN MANUFACTURING QUALITY AND CUSTOMER SERVICE

Since our establishment in Ostend (Belgium) in 1972, we have updated and expanded our manufacturing facilities, including those opened more recently in Plzen and Brno (Czech Republic) and Cecchina (Italy) – through the acquisition of McQuay - to a point where they are now acknowledged as the most advanced in their field in Europe. Furthermore, all our plants benefit from our Japanese parent's policy of zero defect production, super efficient supply chain management and unrivalled research and development support.

These substantial production facilities are underpinned by a network of wholly owned affiliate companies in the UK, France, Germany, Italy, Spain, Portugal, Poland, Greece, Belgium, Holland and Central Europe, as well as numerous independent distributors throughout Europe, Africa and the Middle East supported by several head offices in Ireland, Russia, Turkey, South Africa and the Middle East. Experienced and professional support of this order enables us to maintain an enviably close relationship with international markets, tailor our product programme to suit precise regional requirements and respond quickly and efficiently to any area of potential market expansion.

THE LEADER IN PRODUCT QUALITY

Daikin produces a highly energy efficient and comprehensive range of quality indoor climate control products and systems for commercial, residential and industrial applications. Our product portfolio is based on four distinct core 'pillars':

- state of the art direct expansion air conditioning
- heat pump residential and light commercial heating, domestic hot water and cooling
- applied central cooling and heating
- medium to low temperature refrigeration

Each pillar harnesses advanced technologies to deliver maximum energy efficiency and minimum fuel consumption and running costs throughout the equipment life cycle. The width of our product range is also extensive and embracing in its coverage of these key indoor climate control disciplines to a point where we are confident of its ability to meet the requirements of our end user, specifier, contractor and installer customer base at all times.

RESPECT FOR THE ENVIRONMENT

Daikin has an enviable record in concern for environmental issues and applies it to all areas of the business, implementing and in many cases pre-empting, international and local environmental protective legislation. We seek to operate a zero waste and zero emissions policy in our manufacturing plants. Our products reflect the concept of combining maximising energy efficiency with maximum respect for the environment. Their utilisation of heat pump technology for example, results in far lower energy consumption and in the case of heating, drastically less CO₂ emissions than are achievable with fossil fuel burning systems. Also their incorporation of numerous detailed features such as inverter control, heat recovery, economy and quiet operating modes, movement sensors among others, enhance user comfort without compromise to either efficiency or the environment.

Thus, the products contained in this catalogue are designed to represent the best possible answer to your air conditioning needs. Feel free to contact your local Daikin representative for further information and assistance. We are here to serve you!

THE FUTURE LEADER

Daikin's position at the forefront of air conditioning manufacturing and marketing is well established and widely acknowledged. Nevertheless, over the last few years we widened our product portfolio in order to offer customers a more comprehensive choice of indoor climate control solutions for the home, in business and at play. The successful moves into heat pump heating for residential and commercial applications and medium to low temperature refrigeration for retail and wholesale food outlets are testament to this policy. But our search for innovative solutions is ongoing and there will certainly be many more successes to come. The common denominators however, will remain, as they are today, the provision of individual comfort allied to innovation, quality, energy efficiency and environmental acceptability.



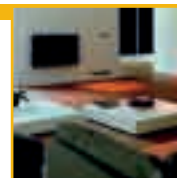
Daikin Europe N.V.

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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.

A number of 'We Care' icons are highlighted in green throughout the catalogue to indicate product features that have an impact on reducing energy consumption:

Fan only, Night set mode, Econo mode, Energy efficiency, Movement sensor and Home leave operation

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 N.V. 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 N.V. 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 N.V. 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 improves 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 12kW) are classified in seven different categories (A to G), according to their energy consumption and color 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.


THE LABEL?

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:

A	$EER > 3.20$
B	$3.20 \geq EER > 3.00$
C	$3.00 \geq EER > 2.80$
D	$2.80 \geq EER > 2.60$
E	$2.60 \geq EER > 2.40$
F	$2.40 \geq EER > 2.20$
G	$2.20 \geq EER$

<h2>Energy</h2> <p>Manufacturer Outside unit Inside unit</p>		
<p>More efficient</p> <div> <div>A</div> <div>B</div> <div>C</div> <div>D</div> <div>E</div> <div>F</div> <div>G</div> </div> <p>Less efficient</p>		
<p>Annual energy consumption, kWh in cooling mode <small>(Actual consumption will depend on how the appliance is used and climate)</small></p> <p>Cooling output kW</p> <p>Energy efficiency ratio <small>Full load (the higher the better)</small></p>		
Type	<p>Cooling only —</p> <p>Cooling + Heating —</p> <p>Air cooled —</p> <p>Water cooled —</p>	
<p>Heat output kW</p> <p>Heating performance <small>A: higher G: lower</small></p>		
<p>Noise <small>(dB(A) re 1 pW)</small></p>		
<p>Further information is contained in product brochures</p>		
<p>Air-conditioner Energy Label Directive 2002/31/EC</p>		

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

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.



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

	FTXG-E / RXG-E	
new	FTXS-G / RXS-G	
new	FTX-GV / RX-GV	
	FTXS-F / RXS-F	
new	FTYN-GX / RYN-GX	
	FTYN-F / RYN-E	
	FTXD-D / RXD-D	
	FTXD-F / RXD-B	
	FTY-GX / RY-GX	
	FTY-GA / RY-GA	
	FAY-L / RY-LUV1	
	FAY-L / RY-LUY1	
	FAY-FA / RY-LUV1	
	FAY-FA / RY-LUY1	

2. 4-Way blow ceiling mounted cassettes

	FFQ-B / RXS-G	
	FFQ-B / RXS-F	
	FHYC-K / RY-F	
	FHYC-K / RY-GA	
	FHYC-K / RY-LUV1	
	FHYC-K / RY-LUY1	

3. Round flow cassette

11	FCQ-C / RXS-G	33
13	FCQ-C / RXS-F	34
14	FCQ-C / REQ-B	35
15	FCQ-C / RZQS-C	36
16	FCQ-C / RZQ-C	37
17	FCQ-C / RZQ-BW1	38
18	FCQH-C / RZQS-C	40
19	FCQH-C / RZQ-C	41
20	FCQH-C / RZQ-BW1	42

4. Ceiling suspended units

22	FHQ-B / RZQS-C	43
23	FHQ-B / RZQ-C	44
24	FHQ-B / RZQ-BW1	45
25	FUY-F / RY-LUV1	46
	FUY-F / RY-LUY1	47
26	FHY-B / RY-F	48
27	FHY-B / RY-GA	49
29	FHY-B / RY-LUV1	50
30	FHY-B / RY-LUY1	51

31		
32		



Designed for people who do not only care for quality but also care for stylish design

STYLISH AND COMPACT DESIGN

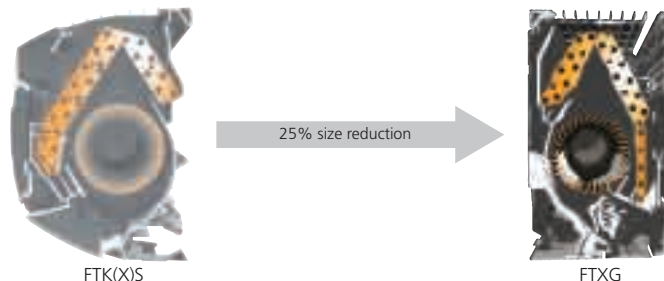
Daikin succeeded in creating an indoor unit with such a sleek profile, that you won't believe it is an air conditioning unit. In standby mode, the discharge opening is closed, resulting in a compact depth of only 15cm.

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



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

SENSATIONAL THINNING TECHNOLOGY



- High efficiency slit fin heat exchanger
- 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.

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
- Reluctance DC motor + DC Fan motor
- Swing compressor

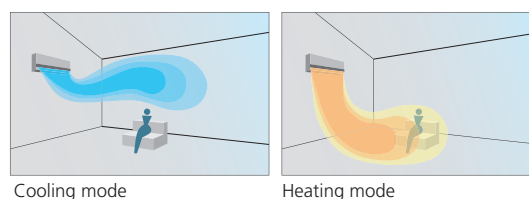


CLEAN AND COMFORTABLE AIR FLOW

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.



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.



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.



FTXG-E / RXG-E

Wall Mounted Unit



ARC433A41



FTXG25,35E_S

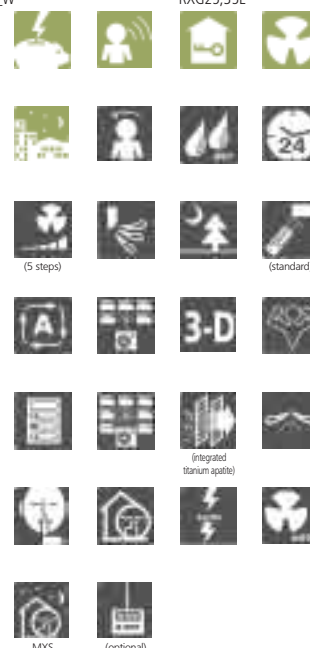


FTXG25,35E_W



RXG25,35E

- State of the art design: sleek, compact and stylish outlook
- Available in 2 colour variations: mat crystal white and mat crystal silver
- Lightweight and compact
- Easy to clean flat suction grille
- Superb energy efficiency
- Movement sensor saves power consumption in unoccupied rooms
- Comfort mode reassures draught free operation thanks to the new wide angle distribution flap
- The new titanium apatite photocatalytic air purification filter increases the active surface area for effective purification and deodorisation
- Horizontal and vertical auto-swing 3D-air flow ensure efficient air and temperature distribution.
- Powerful mode can be selected for rapid cooling or heating
- Indoor / outdoor unit silent operation



HEAT PUMP

INVERTER

Indoor Units				FTXG25EV1BW	FTXG25EV1BS	FTXG35EV1BW	FTXG35EV1BS
Capacity	Cooling capacity	Minimum	kW	1.3		1.4	
		Standard	kW	2.5		3.5	
		Maximum	kW	3.0		3.8	
	Heating capacity	Minimum	kW	1.3		1.4	
		Standard	kW	3.4		4.2	
		Maximum	kW	4.5		5.0	
EER / COP	Cooling / Heating		4.03 / 4.15		3.30 / 3.72		
Annual energy consumption		kWh	310		530		
Energy Label	cooling / heating		A / A				
Dimensions	(Height x Width x Depth)		mm 275x840x150				
Weight			kg	9.0			
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	m³/min	7.7 / 6.1 / 4.7 / 3.8		8.1 / 6.5 / 4.9 / 4.1	
	Heating	High/Medium/Low/Silent Operation	m³/min	9.0 / 7.9 / 6.7 / 5.4		9.6 / 8.2 / 6.7 / 5.9	
Sound Power	Cooling	High	dBA	56.0		57.0	
	Heating	High	dBA	56.0		57.0	
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	dBA	38.0 / 32.0 / 25.0 / 22.0		39.0 / 33.0 / 26.0 / 23.0	
	Heating	High/Medium/Low/Silent Operation	dBA	38.0 / 33.0 / 28.0 / 25.0		39.0 / 34.0 / 29.0 / 29.0	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			

Outdoor Unit				RXG25E2V1B	RXG35E2V1B
Dimensions	(Height x Width x Depth)		mm	550x765x285	
Weight			kg	32	
Operation Range	Cooling	Min~Max	°CDB	10.0~46.0	
	Heating	Min~Max	°CWB	-15.0~20.0	
Sound Power	Cooling		dBA	61.0	62.0
Sound Pressure (Standard)	Cooling		dBA	46.0	47.0
	Heating		dBA	47.0	48.0
Refrigerant			Type	R-410A	
Power Supply				1~/230V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 9.52 / 18	
Piping Length (Maximum)			m	20	
Max. internunit level difference			m	15.0	



*High tech on the inside,
Attractive design on the outside*

SPECIAL FEATURES

2 area intelligent eye

With this function, the air flow is sent to a zone other than where the person is located at the moment. If two people are detected in the room, you can choose the combination comfort mode and movement sensor on the remote control. As a result, the air flow will be sent leftward. If no people are detected, the unit will automatically switch to the energy-efficient setting.

Remote control

The new infrared remote control has a very stylish design, is user-friendly and equipped with a weekly timer. With this timer, you can programme a 7-day schedule with 4 different actions per day. Furthermore, the convenient copy function allows you to very quickly copy any day's programme to one or more other days. Should there be a malfunction in the air conditioner, you can read the code on the LCD screen of the remote control and easily find the appropriate solution.



ARC452A3

Energy saving during operation standby

Once the standby current-saving function has been activated, the current consumption when operating on standby will be reduced by about 80%.



FTXS-G / RXS-G

Wall Mounted Unit



ARC452A3

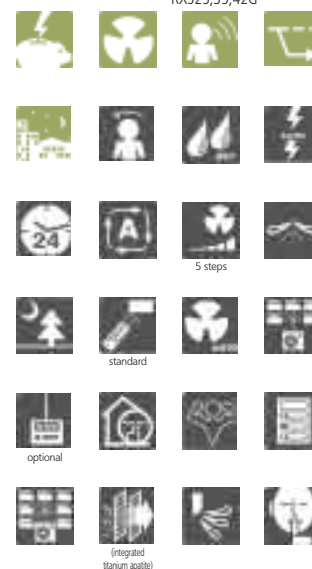


FTXS25,35,42G



RXS25,35,42G

- 2 area intelligent eye: air flow is sent to the area in a room where no person is detected
- Energy saving during stand by mode: reduction of energy from 10W to 2W
- Weekly timer: allows to program the unit on a weekly basis
- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Comfort mode reassures draught free operation
- 3D air flow
- Dual air discharge flow for better air distribution
- Consumes up to 30% less energy than non-inverter units
- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- Indoor / outdoor unit silent operation
- Powerful mode can be selected for rapid cooling or heating
- Reaches set temperature more quickly
- Titanium apatite photocatalytic air purification filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses



HEAT PUMP

INVERTER

Indoor Units				FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B
Capacity	Cooling capacity	Minimum	kW	1.3	1.4	1.7
		Standard	kW	2.5	3.5	4.2
		Maximum	kW	3.2	4.0	5.0
	Heating capacity	Minimum	kW	1.3	1.4	1.7
		Standard	kW	3.4	4.0	5.4
		Maximum	kW	4.7	5.2	6.0
EER / COP	Cooling / Heating			4.55 / 4.53	4.02 / 4.17	3.44 / 3.67
Annual energy consumption			kWh	275	435	610
Energy Label		cooling / heating		A / A	A / A	A / A
Dimensions		(Height x Width x Depth)	mm	295x800x215	295x800x215	295x800x215
Weight			kg	9	10	10
Air Flow Rate	Cooling	High	m³/min	9.0	10.1	9.8
		High	m³/min	9.6	10.5	10.1
Sound Power	Cooling	High	dBA	54	57	58
		High	dBA	55	57	58
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	dBA	38 / 32 / 25 / 22	42 / 34 / 26 / 23	42 / 38 / 33 / 30
	Heating	High/Medium/Low/Silent Operation	dBA	39 / 34 / 28 / 25	42 / 36 / 29 / 26	42 / 38 / 33 / 30
Refrigerant		Type		R-410A	R-410A	R-410A
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz	1~/220-240V/50Hz

Outdoor Unit				RXS25G2V1B	RXS35G2V1B	RXS42G2V1B
Dimensions		(Height x Width x Depth)	mm	550x765x285	550x765x285	550x765x285
Weight			kg	34	34	39
Operation Range	Cooling	Min~Max	°CDB	-10~46	-10~46	-10~46
	Heating	Min~Max	°CWB	-15~20	-15~20	-15~20
Sound Power			dBA	61	63	63
Sound Pressure (Low)	Cooling		dBA	43	44	44
	Heating		dBA	44	45	45
Sound Pressure (High)	Cooling		dBA	46	48	48
	Heating		dBA	47	48	48
Refrigerant		Type		R-410A	R-410A	R-410A
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz	1~/220-240V/50Hz
Piping connections		Liquid (OD)/Gas/Drain	mm	6.35/9.52/18	6.35/9.52/18	6.35/9.52/18
Piping Length (Maximum)			m	20	20	20



FTX-GV / RX-GV

Wall Mounted Unit



ARC433A87

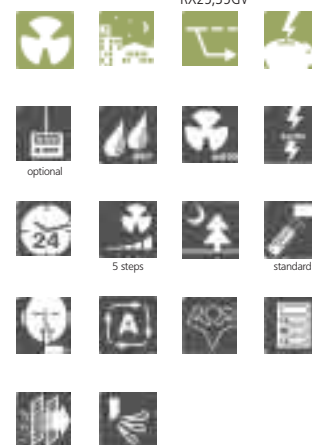


FTX25,35GV



RX25,35GV

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- Dual air discharge flow for better air distribution
- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- Indoor unit On/Off switch
- Indoor unit silent operation
- Titanium apatite photocatalytic air purification filter
- Anticorrosion treatment of outdoor heat exchanger fin
- Powerful mode can be selected for rapid cooling or heating
- Energy saving during stand by mode: reduction of energy from 10W to 2W



HEAT PUMP

INVERTER

Indoor Units				FTX25GV1B	FTX35GV1B
Capacity	Cooling capacity	Minimum	kW	1.3	
		Standard	kW	2.5	3.2
		Maximum	kW	3.0	3.8
	Heating capacity	Minimum	kW	1.3	
		Standard	kW	2.8	3.4
		Maximum	kW	4.0	4.8
EER / COP	Cooling / Heating			3.38 / 3.68	3.37 / 3.74
Annual energy consumption			kWh	370	470
Energy Label	cooling / heating			A / A	
Dimensions	(Height x Width x Depth)		mm	283x770x198	
Weight			kg	7	
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	m³/min	9.2 / 7.6 / 6.0 / 4.8	9.3 / 7.7 / 6.1 / 4.9
		High/Medium/Low/Silent Operation	m³/min	9.7 / 8.0 / 6.3 / 5.5	10.1 / 8.4 / 6.7 / 5.7
Sound Power	Cooling	High	dBA	56	57
		High	dBA	56	57
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	dBA	40 / 33 / 26 / 22	41 / 34 / 27 / 23
		High/Medium/Low/Silent Operation	dBA	40 / 34 / 28 / 25	41 / 35 / 29 / 26
Refrigerant			Type	R-410A	
Power Supply				1~/220-230-240V/50Hz	

Outdoor Unit				RX25GV1B	RX35GV1B	
Dimensions		(Height x Width x Depth)		mm	550x658x275	
Weight				kg	28	30
Operation Range	Cooling	Min~Max	°CDB	10~46		
	Heating	Min~Max	°CWB	-15~20		
Sound Power		Cooling	dBA	60	62	
Sound Pressure (High)		Cooling	dBA	46	48	
		Heating	dBA	47	48	
Refrigerant		Type		R-410A		
Power Supply				1~/220-230-240V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 9.52 / 18		
Piping Length (Maximum)		m		15		



FTXS-F / RXS-F

Wall Mounted Unit



ARC433A70

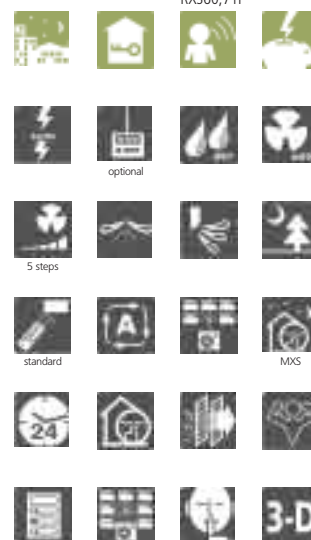


FTXS60,71F



RXS60,71F

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- Home leave operation saves energy during absence
- Movement sensor saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- Titanium apatite photocatalytic air purification filter
- Indoor / outdoor unit silent operation



HEAT PUMP

INVERTER

Indoor Units				FTXS60FV1B		FTXS71FV1B	
Capacity	Cooling capacity	Minimum	kW	1.7		2.3	
		Standard	kW	6.0		7.1	
		Maximum	kW	6.7		8.5	
	Heating capacity	Minimum	kW	1.7		2.3	
		Standard	kW	7.0		8.2	
		Maximum	kW	8.0		10.2	
EER / COP	Cooling / Heating			3.02 / 3.43		3.02 / 3.22	
Annual energy consumption			kWh	995		1175	
Energy Label	cooling / heating			B / B		B / C	
Dimensions	(Height x Width x Depth)		mm	290x1050x238			
Weight			kg	12			
Air Flow Rate	Cooling	H/M/L/SL	m³/min	16.2 / 13.6 / 11.4 / 10.2		17.4 / 14.6 / 11.6 / 10.6	
	Heating	H/M/L/SL	m³/min	17.4 / 15.1 / 12.7 / 11.4		19.7 / 16.9 / 14.3 / 12.7	
Sound Power	Cooling	Medium	dBA	61		62	
	Heating	Medium	dBA	60		62	
Sound Pressure	Cooling	H/M/L/SL	dBA	45 / 41 / 36 / 33		46 / 42 / 37 / 34	
	Heating	H/M/L/SL	dBA	44 / 40 / 35 / 32		46 / 42 / 37 / 34	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			

Outdoor Unit				RXS60F2V1B		RXS71FV1B			
Dimensions		(Height x Width x Depth)		mm		735x825x300		770x900x320	
Weight				kg		48		71	
Operation Range		Cooling	Min~Max	°CDB		-10~46			
		Heating	Min~Max	°CWB		-15~18			
Sound Power		Cooling	dBA	63				66	
Sound Pressure (Standard)		Cooling	dBA	49				52	
		Heating	dBA	49				52	
Sound Level (Night quiet)		Sound Pressure	dBA	46				49	
Refrigerant				Type		R-410A			
Power Supply				1~/220-240/220-230V/50Hz					
Piping connections		Liquid (OD)/Gas/Drain		mm		6.35 / 12.7 / 18		6.35 / 15.9 / 18	
Piping Length (Maximum)				m		30			



FTYN-GX / RYN-GX

Wall Mounted Unit



ARC461A3

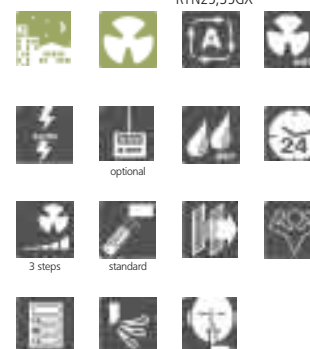


FTYN25,35GX



RYN25,35GX

- Fits neatly on a wall
- Wide angle louvers provide a comfortable air flow throughout the entire room
- 24-Hour On/Off timer
- Indoor unit On/Off switch
- Power-airflow flap
- Anti-corrosion treated plate type heat exchangers



HEAT PUMP

NON-INVERTER

Indoor Units				FTYN25GXV1B	FTYN35GXV1B
Capacity	Cooling capacity	Standard	kW	2.5	3.21
	Heating capacity	Standard	kW	2.85	3.58
EER / COP	Cooling / Heating			3.25 / 3.65	3.21 / 3.61
Annual energy consumption			kWh	385	500
Energy Label	cooling / heating			A / A	A / A
Dimensions	(Height x Width x Depth)		mm	288 x 800 x 204	288 x 800 x 204
Weight			kg	9	9
Air Flow Rate	Cooling	High	m³/min	9.5	9.8
Sound Power	Cooling	High	dBA	-	-
	Heating	High	dBA	-	-
Sound Pressure	Cooling	High/Medium/Low	dBA	38 / 32 / 27	38 / 24 / 29
	Heating	High/Medium/Low	dBA	38 / 33 / 27	40 / 35 / 29
Refrigerant			Type	R-410A	R-410A
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz

Outdoor Unit				RYN25GXV1B	RYN35GXV1B
Dimensions	(Height x Width x Depth)		mm	550 x 765 x 285	550 x 765 x 285
Weight			kg	31	34
Operation Range	Cooling	Min~Max	°CDB	10~46	10~46
	Heating	Min~Max	°CWB	-10~24	-10~24
Sound Power	Cooling		dBA	-	-
Sound Pressure (High)	Cooling		dBA	48	49
	Heating		dBA	49	50
Refrigerant			Type	R-410A	R-410A
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz
Piping connections	Liquid (OD) /Gas / Drain		mm	6.35 / 9.52 / 18	6.35 / 12.7 / 18
Piping Length (Maximum)			m	15	15



FTYN-F / RYN-E

Wall Mounted Unit



ARC433A72



FTYN50,60F



RYN50,60E

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling or heating
- Auto-swing function ensures efficient air and temperature distribution.



HEAT PUMP

NON-INVERTER

Indoor Units				FTYN50FV1B		FTYN60FV1B	
Nominal Capacity	Cooling capacity	Standard	kW	5.0		6.0	
	Heating capacity	Standard	kW	5.8		7.0	
EER / COP	Cooling / Heating			3.23 / 3.63		3.02 / 3.43	
Annual energy consumption			kWh	775		995	
Energy Label	cooling / heating			A / A		B / B	
Dimensions	(Height x Width x Depth)			mm		290x1050x238	
Weight			kg	12			
Air Flow Rate	Cooling	High/Medium/Low	m³/min	14.7 / 12.4 / 10.3		16.2 / 13.6 / 11.4	
	Heating	High/Medium/Low	m³/min	16.1 / 13.9 / 11.5		17.4 / 15.1 / 12.7	
Sound Power	Cooling	Medium	dBA	59		61	
	Heating	Medium	dBA	58		60	
Sound Pressure	Cooling	High/Low	dBA	43 / 34		45 / 36	
	Heating	High/Low	dBA	42 / 33		44 / 35	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			

Outdoor Unit				RYN50E3V1B		RYN60E3V1B	
Dimensions		(Height x Width x Depth)		mm		735x825x300	
Weight				kg		48	
Operation Range	Cooling	Min~Max		°CDB		-10.0~46.0	
	Heating	Min~Max		°CWB		-15~18	
Sound Power		Cooling	dBA	61.0		63.0	
Sound Pressure		Cooling	dBA	47.0		49.0	
		Heating	dBA	48.0		49.0	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 12.7 / 18			
Piping Length (Maximum)			m	30			
Max. internunit level difference			m	20.0			



FTXD-D / RXD-D

Wall Mounted Unit



ARC433B46

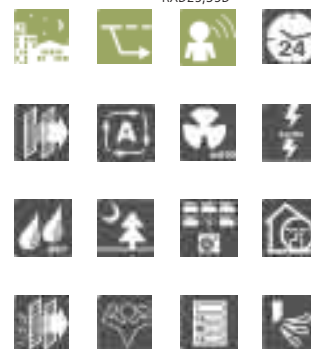


FTXD25,35D



RXD25,35D

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Consumes up to 30% less energy than non-inverter units
- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- Energy saving
- Reaches set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- Comfort mode reassures draught free operation
- Powerful mode can be selected for rapid cooling
- Indoor / outdoor unit silent operation
- Night quiet mode (only in multi application and cooling only mode)
- Auto-swing function ensures efficient air and temperature distribution.



HEAT PUMP

INVERTER

Indoor Units				FTXD25DVMA		FTXD35DVMA	
Capacity	Cooling capacity	Minimum	kW	1.3		1.4	
		Standard	kW	2.5		3.5	
		Maximum	kW	3.0		3.8	
	Heating capacity	Minimum	kW	1.3		1.4	
		Standard	kW	3.4		4.2	
		Maximum	kW	4.0		5.0	
EER / COP	Cooling / Heating			3.45 / 3.40		3.10 / 3.21	
Annual energy consumption		kWh		362.5		565	
Energy Label	cooling / heating			A / C		B / C	
Dimensions	(Height x Width x Depth)			mm		283x800x195	
Weight				kg		9	
Air Flow Rate	Cooling	H/M/L/SL	m³/min	8.9 / 7.3 / 5.6 / 4.8		9.0 / 7.4 / 5.7 / 4.9	
	Heating	H/M/L/SL	m³/min	9.4 / 7.6 / 5.8 / 5.0		9.7 / 7.9 / 6.0 / 5.2	
Sound Pressure	Cooling	H/L/SL	dBA	37 / 28 / 25		38 / 29 / 26	
	Heating	H/L/SL	dBA	37 / 28 / 25		38 / 29 / 26	
Refrigerant		Type		R-22		-	
Power Supply				1 ~/220-240/220-230V/50/60Hz			

Outdoor Unit				RXD35DVMA		RXD25DVMA	
Dimensions		(Height x Width x Depth)		mm		550x765x285	
Weight				kg		33	
Operation Range		Cooling	Min~Max	°CDB		10~46	
		Heating	Min~Max	°CWB		-10~20	
Sound Pressure (Low)		Cooling	dBA	44		43	
		Heating	dBA	45		44	
Sound Pressure (High)		Cooling	dBA	47		46	
		Heating	dBA	48		47	
Refrigerant				Type		R-22	
Power Supply				1~/220-240/220-230V/50/60Hz			
Piping connections		Liquid (OD)/Gas/Drain		mm		6.35 / 12.7 / 18	
Piping Length (Maximum)				m		20	



FTXD-F / RXD-B

Wall Mounted Unit



ARC433A70

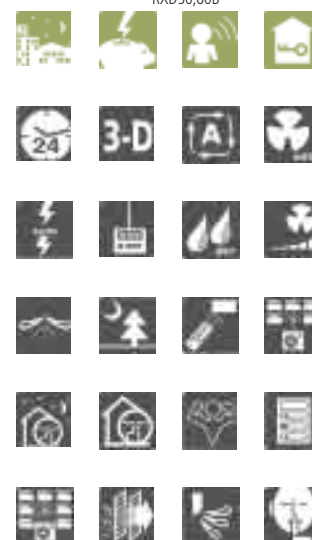


FTXS50,60,71F



RXD50,60B

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- Home leave operation saves energy during absence
- Movement sensor saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- Titanium apatite photocatalytic air purification filter
- Indoor / outdoor unit silent operation



HEAT PUMP

INVERTER

Indoor Units				FTXD50FVM		FTXD60FVM		FTXD71FVM	
Capacity	Cooling capacity	Minimum	kW	1.5		2.2		2.9	
		Standard	kW	5.2		6.2		7.1	
		Maximum	kW	5.9		7.6		8.0	
	Heating capacity	Minimum	kW	1.5		2.2		2.9	
		Standard	kW	6.5		7.2		8.5	
		Maximum	kW	8.0		9.0		9.7	
EER / COP	Cooling / Heating			3.25 / 3.53		2.95 / 3.40		2.73 / 3.29	
Annual energy consumption			kWh	800		1,050		1,300	
Energy Label	cooling / heating			A / B		C / C		D / C	
Dimensions	(Height x Width x Depth)			mm		290x1,050x238			
Weight				kg		12			
Air Flow Rate	Cooling	H/M/SL	m³/min	16.8 / 14.0 / 11.8 / 10.4		17.5 / 14.6 / 12.2 / 10.8		18.3 / 15.3 / 12.7 / 11.3	
	Heating	H/M/SL	m³/min	17.5 / 14.9 / 12.5 / 11.0		18.7 / 16.1 / 13.6 / 11.8		19.8 / 17.1 / 14.4 / 12.6	
Sound Pressure	Cooling	H/M/SL	dBA	44 / 40 / 35 / 32		45 / 41 / 36 / 33		46 / 42 / 37 / 34	
	Heating	H/M/SL	dBA	42 / 38 / 33 / 30		44 / 40 / 35 / 32		46 / 42 / 37 / 34	
Refrigerant			Type	R-22					
Power Supply				1~/220-240/220-230V/50/60Hz					

Outdoor Unit				RXD50BVMA	RXD60BVMA	RXD71BVMA
Dimensions	(Height x Width x Depth)		mm	735x825x300		
Weight			kg	49	55	57
Operation Range	Cooling	Min~Max	°CDB	-5~46		
	Heating	Min~Max	°CWB	-15~18		
Sound Power	Cooling		dBA	63	64	66
Sound Pressure (Standard)	Cooling		dBA	47	49	52
	Heating		dBA	48	49	52
Refrigerant			Type	R-22		
Power Supply				1~/220-240/220-230V/50/60Hz		
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 12.7 / 18	6.35 / 15.9 / 18	9.52 / 15.9 / 18
Piping Length (Maximum)			m	30		
Max. internunit level difference			m	20		



FTY-GX / RY-GX

Wall Mounted Unit



ARC461A1

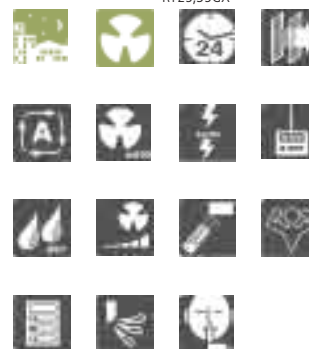


FTY25,35GX



RY25,35GX

- Fits neatly on a wall
- Wide angle louvers provide a comfortable air flow throughout the entire room
- 24-Hour On/Off timer
- Indoor unit On/Off switch
- Power-airflow flap
- Anti-corrosion treated plate type heat exchangers



HEAT PUMP

NON-INVERTER

Indoor Units				FTY25GXV1	FTY35GXV1
Capacity	Cooling capacity	Standard	kW	2.65	3.4
	Heating capacity	Standard	kW	2.91	3.8
EER / COP	Cooling / Heating			3.01 / 3.64	3.21 / 3.45
Annual energy consumption			kWh	440	530
Energy Label	cooling / heating			B / A	A / B
Dimensions	(Height x Width x Depth)	mm		288x800x204	
Weight		kg		9	
Air Flow Rate	Cooling	H/M/SL	m³/min	9.5 / 7.9 / 6.3 / 5.9	9.8 / 8.3 / 6.8 / 6.4
	Heating	H/M/SL	m³/min	9.7 / 8.1 / 6.6 / 6.2	10.5 / 8.8 / 7.1 / 6.7
Sound Pressure	Cooling	H/M/SL	dBA	38 / 32 / 27 / 25	38 / 34 / 29 / 27
	Heating	H/M/SL	dBA	38 / 33 / 27 / 25	40 / 35 / 29 / 27
Refrigerant		Type		R-22	
Power Supply				1~/220-230-240V/50Hz	

Outdoor Unit				RY25GXV1	RY35GXV1
Dimensions	(Height x Width x Depth)	mm		550x765x285	
Weight		kg		30	34
Operation Range	Cooling	Min~Max	°CDB	10~46	
	Heating	Min~Max	°CWB	-10~24	
Sound Pressure (High)	Cooling		dBA	48	49
	Heating		dBA	49	50
Refrigerant		Type		R-22	
Power Supply				1~/220-230-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm		6.35 / 9.52 / 18	6.35 / 12.7 / 18
Piping Length (Maximum)		m		15	



FTY-GA / RY-GA

Wall Mounted Unit



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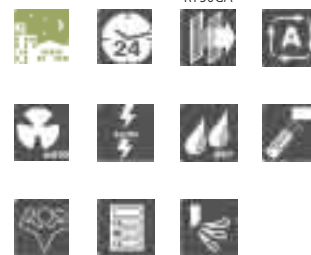


FTY50,60GA



RY50GA

- Vertical auto-swing function moves the discharge flaps up and down for efficient air distribution throughout the room
- Wide angle louvers provide a comfortable air flow throughout the entire room
- Powerful mode cools down/heats quickly your room if temperature is too high/low
- Night set mode saves energy by preventing overcooling or overheating during night time



HEAT PUMP

NON-INVERTER

Indoor Units				FTY50GAV1A	FTY60GAV1A
Capacity	Cooling capacity	Standard	kW	5.20/5.20/5.20 (1)	6.15/6.15/6.15 (1)
	Heating capacity	Standard	kW	5.80/6.07/6.07 (1)	7.00/7.16/7.16 (1)
EER / COP	Cooling / Heating			2.74/2.50/2.50 (1) / 3.41/3.16/3.16 (1)	2.67/2.50/2.50 (1) / 3.10/2.90/2.90 (1)
Annual energy consumption			kWh	1,040	1,230
Energy Label	cooling / heating			D/E/E (1) / B/D/D (1)	D/E/E (1) / D/D/D (1)
Dimensions	(Height x Width x Depth)		mm	298x1,050x190	
Weight			kg	12	
Air Flow Rate	Cooling	High/Medium/Low	m³/min	14.0 / 11.7 / 9.4	14.0 / 12.1 / 10.3
	Heating	High/Medium/Low	m³/min	16.3 / 13.7 / 11.1	16.3 / 14.0 / 11.7
Sound Pressure	Cooling	High/Medium/Low	dBA	45 / 41 / 35	46 / 42 / 37
	Heating	High/Medium/Low	dBA	44 / 39 / 33	46 / 41 / 34
Refrigerant			Type	R-22	
Power Supply				1~/220-230-240V/50Hz	

Outdoor Unit				RY50GAV1A	RY60GAV1A
Dimensions	(Height x Width x Depth)		mm	685x800x300	685x880x350
Weight			kg	51	75
Operation Range	Cooling	Min~Max	°CDB	20~46	
	Heating	Min~Max	°CWB	-10~15	
Sound Pressure (Standard)	Cooling		dBA	49-50-50 (1)	54-56-56 (1)
	Heating		dBA	51-52-52 (1)	54-56-56 (1)
Refrigerant			Type	R-22	
Power Supply				1~/220-230-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 15.9 / 18	
Piping Length (Maximum)			m	30	

Note (1) 220-230-240V



FAY-L / RY-LUV1

Wall Mounted Unit



BRC1C61

BRC7E618

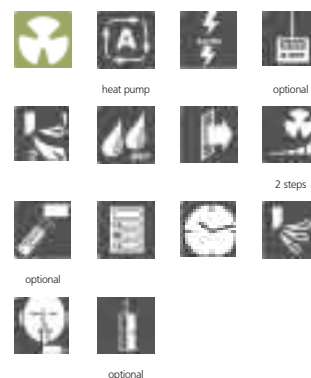


FAQ71B



RY71LUV1

- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Auto-swing function ensures efficient air distribution via louvers that close automatically when the unit is switched off
- 5 different discharge angles can be programmed via the remote control
- Discharge angle automatically returns to its previous position on restart (initial setting 10 degrees for cooling and 70 degrees for heating)
- Both horizontal flaps and front panel can easily be removed and washed
- All maintenance operations can be carried out from the front of the unit
- Two selectable thermo-sensors
- Drain pump kit available as accessory



HEAT PUMP

Indoor Units				NON-INVERTER	
				FAY71LVE	
Capacity	Cooling capacity	Standard	kW	7.7	
	Heating capacity	Standard	kW	7.9	
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	290x1050x230	
Weight			kg	13	
Air Flow Rate	Cooling	High/Low	m³/min	19-19 / 15-15	
Refrigerant			Type	-	
Power Supply				-	

Outdoor Unit			RY71LUV1	
Dimensions	(Height x Width x Depth)	mm	770x900x320	
Weight			73	
Refrigerant			R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	



FAY-L / RY-LUY1

Wall Mounted Unit



BRC1C61

BRC7E618

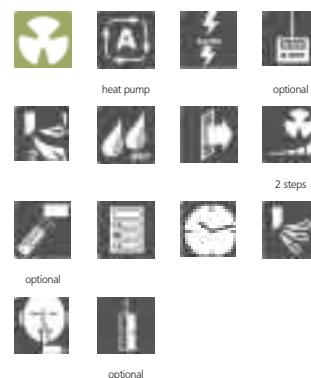


FAQ71B



RY71LUY1

- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Auto-swing function ensures efficient air distribution via louvers that close automatically when the unit is switched off
- 5 different discharge angles can be programmed via the remote control
- Discharge angle automatically returns to its previous position on restart (initial setting 10 degrees for cooling and 70 degrees for heating)
- Both horizontal flaps and front panel can easily be removed and washed
- All maintenance operations can be carried out from the front of the unit
- Two selectable thermo-sensors
- Drain pump kit available as accessory



HEAT PUMP

Indoor Units				NON-INVERTER	
Capacity	Cooling capacity	Standard	kW	FAY71LVE	
	Heating capacity	Standard	kW	7.7	
EER / COP	Cooling / Heating			7.9	
Annual energy consumption			kWh	- / -	
Dimensions	(Height x Width x Depth)		mm	-	
Weight			kg	290x1050x230	
Air Flow Rate	Cooling	High/Low	m³/min	13	
Refrigerant			Type	19-19 / 15-15	
Power Supply				-	

Outdoor Unit			RY71LUY1	
Dimensions	(Height x Width x Depth)	mm	770x900x320	
Weight		kg	72	
Refrigerant		Type	R-22	
Power Supply			3~/400V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	



FAY-FA / RY-LUV1

Wall Mounted Unit



BRC1C61

BCR7C610W

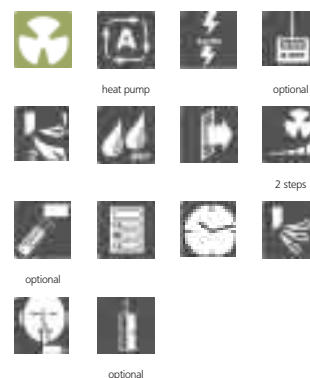


FAY100FAVE



RY100LUV1

- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Auto-swing function ensures efficient air distribution via louvers that close automatically when the unit is switched off
- 5 different discharge angles can be programmed via the remote control
- Discharge angle automatically returns to its previous position on restart (initial setting 10 degrees for cooling and 70 degrees for heating)
- Both horizontal flaps and front panel can easily be removed and washed
- All maintenance operations can be carried out from the front of the unit
- Two selectable thermo-sensors



HEAT PUMP

Indoor Units				NON-INVERTER	
				FAY100FAVE	
Capacity	Cooling capacity	Standard	kW	10.4	
	Heating capacity	Standard	kW	11.2	
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	360x1570x200	
Weight			kg	26	
Air Flow Rate	Cooling	High/Low	m³/min	23-23 / 19-19	
Refrigerant			Type	-	
Power Supply				-	

Outdoor Unit			RY100LUV1	
Dimensions	(Height x Width x Depth)	mm	1170x900x320	
Weight			89	
Refrigerant			R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 19.1 / 26	



FAY-FA / RY-LUY1

Wall Mounted Unit



BRC1C61

BRC7C610W

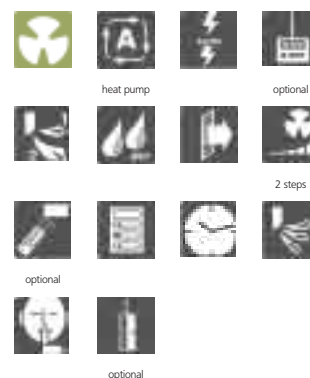


FAY100FAVE



RY100LUY1

- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Auto-swing function ensures efficient air distribution via louvers that close automatically when the unit is switched off
- 5 different discharge angles can be programmed via the remote control
- Discharge angle automatically returns to its previous position on restart (initial setting 10 degrees for cooling and 70 degrees for heating)
- Both horizontal flaps and front panel can easily be removed and washed
- All maintenance operations can be carried out from the front of the unit
- Two selectable thermo-sensors



HEAT PUMP

Indoor Units			
Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		- / -
Annual energy consumption			kWh
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Air Flow Rate	Cooling	High/Low	m³/min
Refrigerant			Type
Power Supply			-

NON-INVERTER

FAY100FAVE

Capacity	10.4
Heating capacity	11.2
EER / COP	- / -
Annual energy consumption	-
Dimensions	360x1570x200
Weight	26
Air Flow Rate	23-23 / 19-19
Refrigerant	-
Power Supply	-

Outdoor Unit

Dimensions	(Height x Width x Depth)	mm
Weight		kg
Refrigerant		Type
Power Supply		
Piping connections	Liquid (OD)/Gas/Drain	mm

RY100LUY1

Dimensions	1170x900x320
Weight	86
Refrigerant	R-22
Power Supply	3~/400V/50Hz
Piping connections	9.52 / 19.1 / 26



FFQ-B / RXS-G

4-Way Blow Ceiling Mounted Cassette (600mm x 600mm)



BRC1D52

BRC7E531



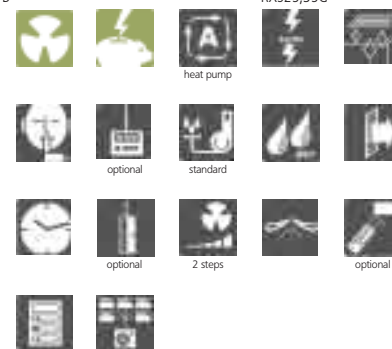
FFQ-B



RXS25,35G

- New and extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Modern style decoration panel in white (RAL9010)
- Slim design for flexible installation
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Extremely quiet in operation
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Auto-swing function ensures efficient air and temperature distribution and prevents ceiling soiling.
- Excellent low draught characteristics
- Easy installation and maintenance

- The switch box can be reached by simply removing the suction grille; therefore maintenance can be done very easily.



HEAT PUMP

Indoor Units				INVERTER			
				FFQ25B8V1B	FFQ35B8V1B	FFQ50B8V1B	
Capacity	Cooling capacity	Standard	kW	2.5	3.4	4.7	
	Heating capacity	Standard	kW	3.2	4.0	5.5	
EER / COP	Cooling / Heating			3.42/3.48	3.09/3.33	2.61/2.81	
Annual energy consumption			kWh	365	550	900	
Energy Label			cooling / heating	A/B	B/C	D	
Dimensions			(Height x Width x Depth)	mm	286x575x575	286x575x575	
Weight			kg	17.5	17.5	17.5	
Air Flow Rate	Cooling	High/Low	m³/min	9.0 / 6.5	10.0 / 6.5	12.0 / 8.0	
	Heating	High/Low	m³/min	9.0 / 6.5	10.0 / 6.5	12.0 / 8.0	
Sound Power	Cooling	High	dBA	46.5	49.0	53.0	
	Heating	High/Low	dBA	29.5 / 24.5	32.0 / 25.0	36.0 / 27.0	
Sound Pressure	Cooling	High/Low	dBA	29.5 / 24.5	32.0 / 25.0	36.0 / 27.0	
	Heating	High/Low	dBA	29.5 / 24.5	32.0 / 25.0	36.0 / 27.0	
Refrigerant			Type	R-410A	R-410A	R-410A	
Power Supply				1~/230V/50Hz	1~/230V/50Hz	1~/230V/50Hz	
Decoration Panel	Model			BYFQ60BAW1	BYFQ60BAW1	BYFQ60BAW1	
	Colour			Pure White (RAL 9010)	Pure White (RAL 9010)	Pure White (RAL 9010)	
	HxWxD			mm	55x700x700	55x700x700	
	Weight			kg	2.7	2.7	

Outdoor Unit				RXS25G2V1B	RXS35G2V1B	RXS50G2V1B	
Dimensions				mm	550x765x285	550x825x300	
Weight				kg	34	48	
Operation Range	Cooling	Min~Max	°CDB	-10~46	-10~46	-10~46	
	Heating	Min~Max	°CWB	-15~20	-15~20	-15~20	
Sound Power			dBA	61	63	61	
Sound Pressure (Low)	Cooling		dBA	43	44	44	
	Heating		dBA	44	45	45	
Sound Pressure (High)	Cooling		dBA	46	48	48	
	Heating		dBA	47	48	48	
Refrigerant			Type	R-410A	R-410A	R-410A	
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz	1~/220-240V/50Hz	
Piping connections			Liquid (OD)/Gas/Drain	mm	6.35 / 9.52 / 18	6.35 / 12.7 / 18	
Piping Length (Maximum)			m	20	20	30	



FFQ-B / RXS-F

4-way Blow Ceiling Mounted Cassette (600mm x 600mm)



BRC1D52



BRC7E531

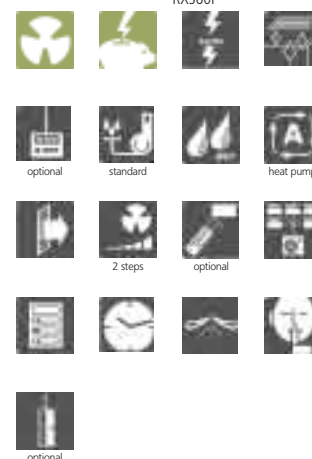


FFQ60B



RXS60F

- New and extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Modern style decoration panel in white (RAL9010)
- Slim design for flexible installation
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Extremely quiet in operation
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Auto-swing function ensures efficient air and temperature distribution and prevents ceiling soiling.
- Excellent low draught characteristics
- Easy installation and maintenance
- The switch box can be reached by simply removing the suction grille; therefore maintenance can be done very easily.



HEAT PUMP

Indoor Units			FFQ60B8V1B
Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		2.80 / 2.81
Annual energy consumption			kWh
Energy Label	Cooling / heating		D / D
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Air Flow Rate	Cooling	High/Low	m³/min
	Heating	High/Low	m³/min
Sound Power	Cooling	High	dBA
Sound Pressure	Cooling	High/Low	dBA
	Heating	High/Low	dBA
Refrigerant			Type
Power Supply			1~/230V/50Hz
Decoration Panel	Model		
	Colour		
	HxWxD	mm	
	Weight	kg	

INVERTER

Outdoor Unit			RXS60F2V1B
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Operation Range	Cooling	Min~Max	°CDB
	Heating	Min~Max	°CWB
Sound Power	Cooling		dBA
Sound Pressure (Standard)	Cooling		dBA
	Heating		dBA
Sound Level (Night quiet)	Sound Pressure		dBA
Refrigerant			Type
Power Supply			1~/220-240/220-230V/50Hz
Piping connections	Liquid (OD)/Gas/Drain	mm	
Piping Length (Maximum)			m





FHYC-K / RY-F

4-Way Blow Ceiling Mounted Cassette



BRC1C61

BRC7C613W

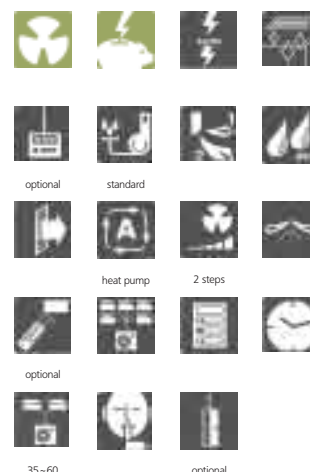


FHYC35K



RY35F

- Choice between 8 air flow distribution patterns
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity.
- Choice between 3 auto-swing positions for maximum comfort: standard, draught prevention, ceiling soiling prevention
- Drain-up pump with 750mm lift fitted as standard
- Excellent low draught characteristics
- Easy to fit decoration panel



HEAT PUMP

NON-INVERTER

Indoor Units				FHYC35KVE	
Capacity	Cooling capacity	Standard	kW	3.79(1)/3.75(2)	
	Heating capacity	Standard	kW	4.18(3)/4.22(4)	
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	230x840x840	
Weight				kg	24
Air Flow Rate	Cooling	High/Low	m³/min	14-16 / 10-12	
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	
Decoration Panel	Model			BYC125K-W1x2	
	Colour			White	
	HxWxD		mm	40x950x950	
	Weight		kg	5	

Outdoor Unit				RY35FV1A	
Dimensions	(Height x Width x Depth)		mm	540x750x270	
Weight				kg	41
Operation Range	Cooling	Min~Max	°CDB	19.4~46	
	Heating	Min~Max	°CWB	-10~15.5	
Refrigerant			Type	R-22	
Power Supply				1~/240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 12.7 / 18	
Pipino Length (Maximum)			m	20	

Note (1) Nominal cooling conditions: return air temperature: 27°CDB/19.0°CWB; outdoor temperature: 35°CDB; equivalent ref. piping 5m (horizontal)

Note (2) Nominal cooling conditions: return air temperature: 27°CDB/19.5°CWB; outdoor temperature: 35°CDB; equivalent ref. piping 5m (horizontal)

Note (3) Nominal heating conditions: return air temperature: 20°CDB; outdoor temperature: 7°CDB/6°CWB; equivalent ref. piping 5m (horizontal)

Note (4) Nominal heating conditions: return air temperature: 21°CDB; outdoor temperature: 7°CDB/6°CWB; equivalent ref. piping 5m (horizontal)



FHYC-K / RY-GA

4-Way Blow Ceiling Mounted Cassette



BRC1C61

BRC7C613W

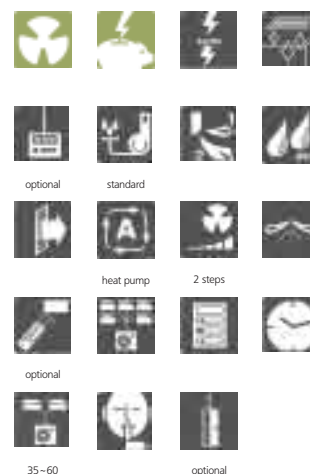


FHYC50K



RY50GA

- Choice between 8 air flow distribution patterns
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity.
- Choice between 3 auto-swing positions for maximum comfort: standard, draught prevention, ceiling soiling prevention
- Drain-up pump with 750mm lift fitted as standard
- Excellent low draught characteristics
- Easy to fit decoration panel



HEAT PUMP

NON-INVERTER

Indoor Units				FHYC50KVE	FHYC60KVE
Capacity	Cooling capacity	Standard	kW	5.27(1)/5.2(2)	6.24(1)/6.15(2)
	Heating capacity	Standard	kW	5.79(1)/5.8(2)	6.99(1)/7.0(2)
EER / COP	Cooling / Heating			- / -	- / -
Annual energy consumption			kWh	-	-
Dimensions	(Height x Width x Depth)		mm	230x840x840	
Weight			kg	24	
Air Flow Rate	Cooling	High/Low	m³/min	15-17 / 11-13	19-21 / 14-16
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	
Decoration Panel	Model			BYC125K-W1x2	
	Colour			White	
	HxWxD			40x950x950	
	Weight			5	

Outdoor Unit				RY50GAV1A	RY60GAV1A
Dimensions	(Height x Width x Depth)		mm	685x800x300	685x880x350
Weight			kg	51	75
Operation Range	Cooling	Min~Max	°CDB	19.4~46	
	Heating	Min~Max	°CWB	-10~15	
Refrigerant			Type	R-22	
Power Supply				1~/240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 15.9 / 18	
Piping Length (Maximum)			m	30	

Note (1) cooling: at indoor temperature: 27°CDB/19.5°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB/15°CWB, outdoor temperature: 7°CDB/6°CWB

Note (2) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 20°CDB/15°CWB, outdoor temperature: 7°CDB/6°CWB



FHYC-K / RY-LUV1

4-Way Blow Ceiling Mounted Cassette



BRC1C61

BRC7C613W

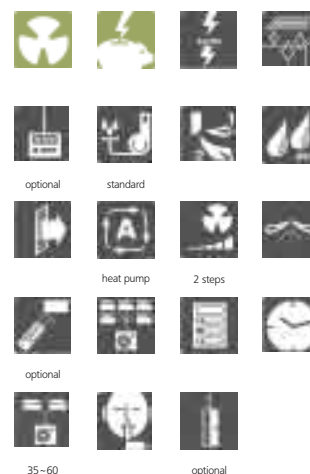


FHYC100K



RY100LUV1

- Choice between 8 air flow distribution patterns
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity.
- Choice between 3 auto-swing positions for maximum comfort: standard, draught prevention, ceiling soiling prevention
- Drain-up pump with 750mm lift fitted as standard
- Excellent low draught characteristics
- Easy to fit decoration panel



HEAT PUMP

NON-INVERTER

Indoor Units				FHYC71KVE	FHYC100KVE
Capacity	Cooling capacity	Standard	kW	7.7	10.4
	Heating capacity	Standard	kW	7.9	11.2
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	230x840x840	288x840x840
Weight			kg	24	28
Air Flow Rate	Cooling	High/Low	m³/min	19-21 / 14-16	28-31 / 21-24
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	
Decoration Panel	Model			BYC125K-W1	
	Colour			White	
	HxWxD		mm	40x950x950	
	Weight		kg	5	

Outdoor Unit			RY71LUV1	RY100LUV1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320
Weight		kg	73	89
Refrigerant		Type	R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26



FHYC-K / RY-LUY1

4-Way Blow Ceiling Mounted Cassette



BRC1C61

BRC7C613W

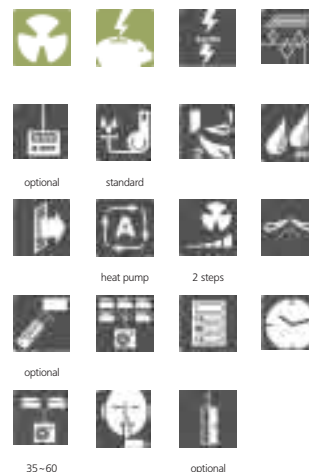


FHYC100K



RY100LUY1

- Choice between 8 air flow distribution patterns
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity.
- Choice between 3 auto-swing positions for maximum comfort: standard, draught prevention, ceiling soiling prevention
- Drain-up pump with 750mm lift fitted as standard
- Excellent low draught characteristics
- Easy to fit decoration panel



HEAT PUMP

NON-INVERTER

Indoor Units				FHYC71KVE	FHYC100KVE	FHYC125KVE	FHYC140KVE
Capacity	Cooling capacity	Standard	kW	7.7	10.4	12.8	14.2
	Heating capacity	Standard	kW	7.9	11.2	14.2	16.3
EER / COP	Cooling / Heating			- / -			
Annual energy consumption			kWh	-			
Dimensions	(Height x Width x Depth)		mm	230x840x840	288x840x840		
Weight				24	28		
Air Flow Rate	Cooling	High/Low	m³/min	19-21 / 14-16	28-31 / 21-24	33-36 / 24-27	35-38 / 26-28
Refrigerant			Type	R-22			
Power Supply				3~/380-415V/50Hz			
Decoration Panel	Model	BYC125K-W1					
	Colour	White					
	HxWxD	mm	40x950x950				
	Weight	kg	5				

Outdoor Unit			RY71LUY1	RY100LUY1	RY125LUY1	RY140LUY1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320		1345x900x320
Weight		kg	72	86	101	112
Refrigerant			R-22			
Power Supply			3~/400V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26		





FCQ-C / RXS-F

Round Flow Cassette



BRC1D52



BRC7F532

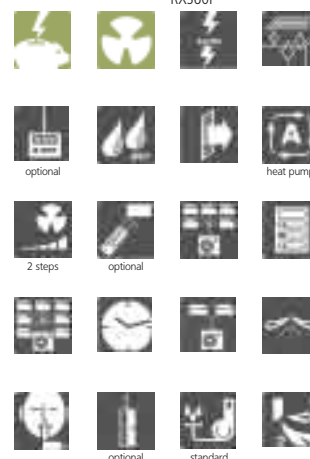


FCQ60C



RXS60F

- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Reduced installation height: 214mm for class 60
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQ60C7VEB	
Capacity	Cooling capacity	Minimum	kW	0.9	
		Standard	kW	5.7	
		Maximum	kW	6.0	
	Heating capacity	Minimum	kW	0.9	
		Standard	kW	7.0	
EER / COP	Cooling / Heating			3.48 / 3.52	
	Annual energy consumption			820	
Energy Label	cooling / heating			A / B	
Dimensions	(Height x Width x Depth)			204x840x840	
Weight				19	
Air Flow Rate	Cooling	High/Low	m³/min	13.5 / 8.5	
		High/Low	m³/min	13.5 / 8.5	
Sound Power	Cooling	High	dBA	51	
Sound Pressure	Cooling	High/Low	dBA	33 / 28	
	Heating	High/Low	dBA	33 / 28	
Refrigerant				R-410A	
Power Supply				1~/220-240V/50/60Hz	
Decoration Panel	Model			BYCQ140CW1	
	Colour			Pure White (RAL 9010)	
	HxWxD			50x950x950	
	Weight			5.5	

Outdoor Unit				RXS60F2V1B	
Dimensions	(Height x Width x Depth)			735x825x300	
Weight				48	
Operation Range	Cooling	Min~Max	°CDB	-10~46	
	Heating	Min~Max	°CWB	-15~18	
Sound Power	Cooling			63	
Sound Pressure (Standard)	Cooling			49	
	Heating			49	
Sound Level (Night quiet)	Sound Pressure			46	
Refrigerant				R-410A	
Power Supply				1~/220-240/220-230V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain			6.35/12.7/18	
Piping Length (Maximum)				30	



FCQ-C / REQ-B

Round Flow Cassette



BRC1D52



BRC7F532



FCQ100,125C



REQ100,125B

- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Fresh air intake: up to 20 %
- Reduced installation height: 214mm for class 71
- Easy visible drain check thanks to clear drain socket



heat pump



optional



optional



2 steps



optional



standard



HEAT PUMP

NON-INVERTER

Indoor Units				FCQ71C7VEB		FCQ100C7VEB		FCQ125C7VEB	
Nominal Capacity	Cooling capacity	Standard	kW	7.1	7.1	10.0	10.0	12.5	12.5
	Heating capacity	Standard	kW	8.0	8.0	11.2	11.2	14.6	14.6
EER / COP		Cooling / Heating		2.61 / 2.81	2.67 / 2.86	2.61 / 2.99	2.81 / 3.06	2.68 / 2.89	2.68 / 2.89
Annual energy consumption			kWh	1360	1330	1915	1780	2330	2330
Energy Label	cooling / heating			D / D		D / D		C / D	
Dimensions	(Height x Width x Depth)		mm	204x840x840		246x840x840		246x840x840	
Weight			kg	21		23		23	
Air Flow Rate	Cooling	High/Low	m³/min	15.5 / 9.0		23.5 / 16.0		27.5 / 19.0	
	Heating	High/Low	m³/min	16.0 / 9.5		23.5 / 16.0		27.5 / 19.0	
Sound Power	Cooling	High	dBA	51		54		58	
Sound Pressure	Cooling	High/Low	dBA	33 / 28		37 / 32		41 / 35	
	Heating	High/Low	dBA	34 / 28		37 / 32		41 / 35	
Refrigerant			Type	R-410A		R-410A		R-410A	
Power Supply				1~/220-240V/50/60Hz		1~/220-240V/50/60Hz		1~/220-240V/50/60Hz	
Decoration Panel	Model			BYCQ140CW1		BYCQ140CW1		BYCQ140CW1	
	Colour			Pure White (RAL 9010)		Pure White (RAL 9010)		Pure White (RAL 9010)	
	HxWxD		mm	50x950x950		50x950x950		50x950x950	

Outdoor Unit				REQ71B8V3B	REQ71B8W1B	REQ100B8V3B	REQ100B8W1B	REQ125B8W1B
Dimensions	(Height x Width x Depth)		mm	770x900x320		1170x900x320		
Weight			kg	83		102	100	108
Sound pressure level	Cooling		dBA	53	53	57	57	57
Sound power level	Cooling		dBA	65	65	70	70	70
Operation Range	Cooling	Min~Max	°CDB	10.0~46.0				
	Heating	Min~Max	°CWB	-10~15				
Refrigerant			Type	R-410A				
Power Supply				1~/230V/50Hz	3N~/400V/50Hz	1~/230V/50Hz	3N~/400V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26				
Piping Length (Maximum)			m	50				
Max. internunit level difference			m	0.5				



FCQ-C / RZQS-C

Round Flow Cassette



BRC1D52



BRC7E63

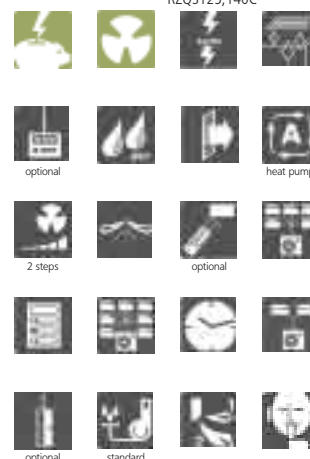


FCQ100,125,140C



RZQS125,140C

- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Reduced installation height: 214mm for class 71
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQ71C7VEB	FCQ100C7VEB	FCQ125C7VEB	FCQ140C7VEB
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	14.0
	Heating capacity	Standard	kW	8.0	11.2	14.0	16.0
EER / COP	Cooling / Heating			2.89 / 3.07	2.61 / 3.23	3.02 / 3.1	2.61 / 2.81
Annual energy consumption			kWh	1,230	1,915	2,070	2,680
Energy Label	cooling / heating			C / D	D / C	B / D	D / D
Dimensions	(Height x Width x Depth)		mm	204x840x840			
Weight			kg	21			
Air Flow Rate	Cooling	High/Low	m³/min	15.5 / 9.0	23.5 / 16.0	27.5 / 19.0	
	Heating	High/Low	m³/min	16.0 / 9.5	23.5 / 16.0	27.5 / 19.0	
Sound Power	Cooling	High	dBA	51	54	58	
Sound Pressure	Cooling	High/Low	dBA	33 / 28	37 / 32	41 / 35	
	Heating	High/Low	dBA	34 / 28	37 / 32	41 / 35	42 / 35
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50/60Hz			
Decoration Panel	Model			BYCQ140CW1			
	Colour			Pure White (RAL 9010)			
	HxWxD		mm	50x950x950			
	Weight		kg	5.5			

Outdoor Unit				RZQS71C7V1B	RZQS100C7V1B	RZQS125C7V1B	RZQS140C7V1B
Dimensions	(Height x Width x Depth)		mm	770x900x320	700x900x320	1,170x900x320	1170x900x320
Weight			kg	68		103	
Operation Range	Cooling	Min~Max	°CDB	-5~46			
	Heating	Min~Max	°CWB	-15~-15.5			
Sound Power		Cooling	dBA	65	67		68
Sound Pressure (Standard)		Cooling	dBA	49	51		52
		Heating	dBA	51	55	53	54
Sound Level (Night quiet)		Sound Pressure	dBA	47	49		50
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)			m	30	50		
Max. internunit level difference			m	0.5			



FCQ-C / RZQ-C

Round Flow Cassette



BRC1D52



BRC7E63

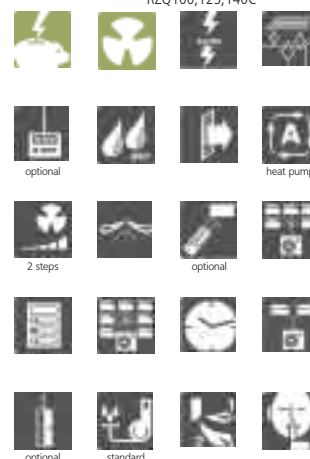


FCQ71C



RZQ100,125,140C

- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Reduced installation height: 214mm for class 71
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQ71C7VEB	FCQ100C7VEB	FCQ125C7VEB	FCQ140C7VEB
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	14.0
	Heating capacity	Standard	kW	8.0	11.2	14.0	16.0
EER / COP	Cooling / Heating			3.36 / 3.62	3.61 / 3.71	3.22 / 3.54	2.61 / 3.21
Annual energy consumption			kWh	1,055	1385	1940	2680
Energy Label	cooling / heating			A / A		A / B	D / C
Dimensions	(Height x Width x Depth)		mm	204x840x840		246x840x840	
Weight			kg	21		23	
Air Flow Rate	Cooling	High/Low	m³/min	15.5 / 9.0	23.5 / 16.0	27.5 / 19.0	
	Heating	High/Low	m³/min	16.0 / 9.5	23.5 / 16.0	27.5 / 19.0	
Sound Power	Cooling	High	dBA	51	54	58	
Sound Pressure	Cooling	High/Low	dBA	33 / 28	37 / 32	41 / 35	
	Heating	High/Low	dBA	34 / 28	37 / 32	41 / 35	42 / 35
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50/60Hz			
Decoration Panel	Model			BYCQ140CW1			
	Colour			Pure White (RAL 9010)			
	HxWxD		mm	50x950x950			
	Weight		kg	5.5			

Outdoor Unit				RZQ71C7V1B	RZQ100C7V1B	RZQ125C7V1B	RZQ140C7V1B
Dimensions		(Height x Width x Depth)		770x900x320		1170x900x320	
Weight				67		103	
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0			
	Heating	Min~Max	°CWB	-20.0~15.5			
Sound Power		Cooling	dBA	63	65	66	67
Sound Pressure (Standard)		Cooling	dBA	47	49	50	
		Heating	dBA	49	51	52	
Sound Level (Night quiet)		Sound Pressure	dBA	43	45		46
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)				50	75		
Max. internunit level difference				0.5			



FCQ-C / RZQ-BW1

Round Flow Cassette



BRC1D52



BRC7E63

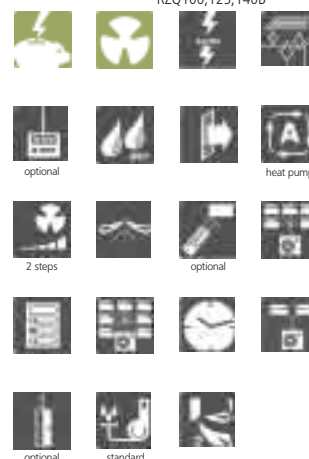


FCQ100,125,140C



RZQ100,125,140B

- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQ100C7VEB	FCQ125C7VEB	FCQ140C7VEB
Capacity	Cooling capacity	Standard	kW	10.0	12.50	14.00
	Heating capacity	Standard	kW	11.20	14.00	16.00
EER / COP	Cooling / Heating			3.79 / 3.57	3.22 / 3.21	2.61 / 2.81
Annual energy consumption			kWh	1320	1940	2680
Energy Label	cooling / heating			A / B	A / C	D / D
Dimensions	(Height x Width x Depth)		mm	246x840x840		
Weight			kg	23		
Air Flow Rate	Cooling	High/Low	m³/min	23.5 / 16.0	27.5 / 19.0	
	Heating	High/Low	m³/min	23.5 / 16.0	27.5 / 19.0	
Sound Power	Cooling	High	dBA	54	58	
Sound Pressure	Cooling	High/Low	dBA	37 / 32	41 / 35	
	Heating	High/Low	dBA	37 / 32	41 / 35	42 / 35
Refrigerant			Type	R-410A		
Power Supply				1~/220-240V/50/60Hz		
Decoration Panel	Model			BYCQ140CW1		
	Colour			Pure White (RAL 9010)		
	HxWxD		mm	50x950x950		
	Weight		kg	5.5		

Outdoor Unit				RZQ100B8W1B		RZQ125B8W1B		RZQ140B8W1B	
Dimensions		(Height x Width x Depth)		mm		1345x900x320			
Weight				kg		106			
Operation Range		Cooling	Min~Max	°CDB		-15.0~50.0			
		Heating	Min~Max	°CWB		-20.0~15.5			
Sound Power		Cooling	dBA	65.0				66.0	
Sound Pressure (Standard)		Cooling	dBA	49.0				50.0	
		Heating	dBA	51.0				52.0	
Sound Level (Night quiet)		Sound Pressure		dBA		45.0			
Refrigerant				Type		R-410A			
Power Supply						3N~/400V/50Hz			
Piping connections		Liquid (OD)/Gas/Drain		mm		9.52 / 15.9 / 26			
Piping Length (Maximum)				m		75			
Max. internunit level difference				m		0.5			





FCQH-C / RZQS-C

Round Flow Cassette



BRC1D52



BRC7F532

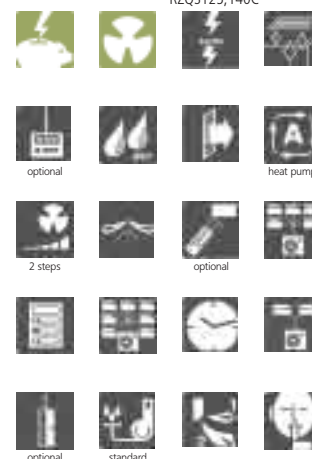


FCQH100, 125, 140C



RZQS125, 140C

- Improved operating efficiency
- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQH71C7VEB	FCQH100C7VEB	FCQH125C7VEB	FCQH140C7VEB
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	14.0
	Heating capacity	Standard	kW	8.0	11.2	14.0	16.0
EER / COP	Cooling / Heating			3.01 / 3.41	2.81 / 3.41	3.22 / 3.41	2.81 / 3.21
Annual energy consumption			kWh	1,180	1,780	1,940	2,490
Energy Label	cooling / heating			B / B	C / B	A / B	C / C
Dimensions	(Height x Width x Depth)		mm	246x840x840			
Weight			kg	23			
Air Flow Rate	Cooling	High/Low	m³/min	20.0 / 12.0	32.5 / 18.0	32.5 / 21.5	
	Heating	High/Low	m³/min	20.0 / 12.0	32.5 / 18.0	32.5 / 21.5	
Sound Power	Cooling	High	dBA	52	60		
Sound Pressure	Cooling	High/Low	dBA	34 / 28	43 / 32	43 / 36	43 / 38
	Heating	High/Low	dBA	34 / 28	43 / 32	43 / 36	43 / 38
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50/60Hz			
Decoration Panel			Model	BYCQ140CW1			
			Colour	Pure White (RAL 9010)			
			HxWxD	50x950x950			
			Weight	5.5			

Outdoor Unit				RZQS71C7V1B	RZQS100C7V1B	RZQS125C7V1B	RZQS140C7V1B
Dimensions	(Height x Width x Depth)		mm	770x900x320	700x900x320	1,170x900x320	1170x900x320
Weight			kg	68		103	
Operation Range	Cooling	Min~Max	°CDB	-5~46			
	Heating	Min~Max	°CWB	-15~-15.5			
Sound Power		Cooling	dBA	65	67	68	
Sound Pressure (Standard)		Cooling	dBA	49	51	52	
		Heating	dBA	51	55	53	54
Sound Level (Night quiet)		Sound Pressure	dBA	47	49	50	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)			m	30	50		
Max. internunit level difference			m	0.5			



FCQH-C / RZQ-C

Round Flow Cassette



BRC1D52



BRC7F532

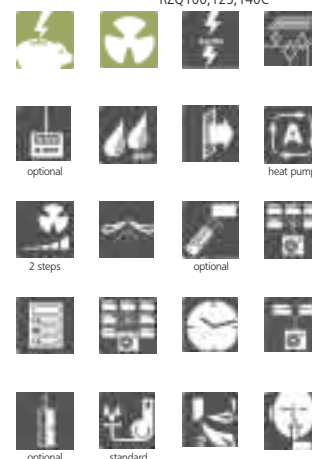


FCQH100,125,140C



RZQ100,125,140C

- Improved operating efficiency
- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQH71C7VEB	FCQH100C7VEB	FCQH125C7VEB	FCQH140C7VEB
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	14.0
	Heating capacity	Standard	kW	8.0	11.2	14.0	16.0
EER / COP	Cooling / Heating			3.59 / 4.06	3.76 / 4.39	3.38 / 3.92	3.02 / 3.61
Annual energy consumption			kWh	990	1330	1850	2320
Energy Label	cooling / heating			A / A			B / A
Dimensions	(Height x Width x Depth)		mm	246x840x840	288x840x840		
Weight			kg	23	25		
Air Flow Rate	Cooling	High/Low	m³/min	20.0 / 12.0	32.5 / 18.0	32.5 / 21.5	
	Heating	High/Low	m³/min	20.0 / 12.0	32.5 / 18.0	32.5 / 21.5	
Sound Power	Cooling	High	dBA	52	60		
Sound Pressure	Cooling	High/Low	dBA	34 / 28	43 / 32	43 / 36	43 / 38
	Heating	High/Low	dBA	34 / 28	43 / 32	43 / 36	43 / 38
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50/60Hz			
Decoration Panel			Model	BYCQ140CW1			
			Colour	Pure White (RAL 9010)			
			HxWxD	50x950x950			
			Weight	5.5			

Outdoor Unit				RZQ71C7V1B	RZQ100C7V1B	RZQ125C7V1B	RZQ140C7V1B
Dimensions		(Height x Width x Depth)		mm	770x900x320		
Weight				kg	67		
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0			
	Heating	Min~Max	°CWB	-20.0~15.5			
Sound Power		Cooling	dBA	63	65	66	67
Sound Pressure (Standard)		Cooling	dBA	47	49	50	
		Heating	dBA	49	51	52	
Sound Level (Night quiet)		Sound Pressure	dBA	43	45		46
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)				m	50	75	
Max. internunit level difference				m	0.5		



FCQH-C / RZQ-BW1

Round Flow Cassette



BRC1D52



BRC7F532

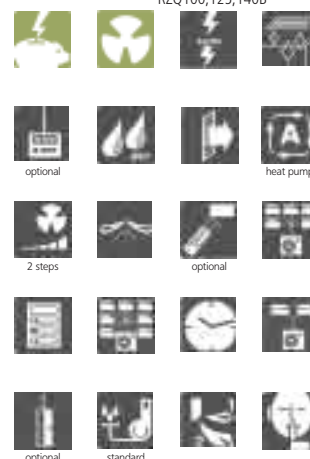


FCQH100, 125, 140C



RZQ100, 125, 140B

- Improved operating efficiency
- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Fresh air intake: up to 20 %
- Easy visible drain check thanks to clear drain socket



HEAT PUMP

INVERTER

Indoor Units				FCQH100C7VEB	FCQH125C7VEB	FCQH140C7VEB
Capacity	Cooling capacity	Standard	kW	10.00	12.50	14.00
	Heating capacity	Standard	kW	11.20	14.00	16.00
EER / COP	Cooling / Heating			4.10 / 4.38	3.53 / 3.90	3.01 / 3.54
Annual energy consumption			kWh	1220	1770	2325
Energy Label	cooling / heating			A / A		B / B
Dimensions	(Height x Width x Depth)		mm	288x840x840		
Weight				kg	25	
Air Flow Rate	Cooling	High/Low	m³/min	32.5 / 18.0	32.5 / 21.5	
	Heating	High/Low	m³/min	32.5 / 18.0	32.5 / 21.5	
Sound Power	Cooling	High	dBA	60		
Sound Pressure	Cooling	High/Low	dBA	43 / 32	43 / 36	43 / 38
	Heating	High/Low	dBA	43 / 32	43 / 36	43 / 38
Refrigerant			Type	R-410A		
Power Supply				1~/220-240V/50/60Hz		
Decoration Panel	Model			BYCQ140CW1		
	Colour			Pure White (RAL 9010)		
	HxWxD			50x950x950		
	Weight			kg	5.5	

Outdoor Unit				RZQ100B8W1B	RZQ125B8W1B	RZQ140B8W1B
Dimensions		(Height x Width x Depth)		mm		1345x900x320
Weight				kg		106
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0		
	Heating	Min~Max	°CWB	-20.0~15.5		
Sound Power		Cooling	dBA	65.0	66.0	
Sound Pressure (Standard)	Cooling	dBA	49.0	50.0		
	Heating	dBA	51.0	52.0		
Sound Level (Night quiet)		Sound Pressure	dBA	45.0		
Refrigerant		Type		R-410A		
Power Supply				3N~/400V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26		
Piping Length (Maximum)		m		75		
Max. internunit level difference		m		0.5		



FHQ-B / RZQS-C

Ceiling Suspended Unit



BRC1D52



BRC7E63

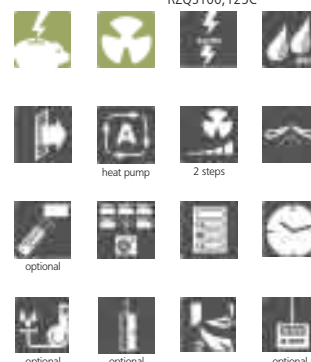


FHQ71B



RZQS100,125C

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity.



HEAT PUMP

INVERTER

Indoor Units				FHQ71BVV1B	FHQ100BVV1B	FHQ125BVV1B
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5
	Heating capacity	Standard	kW	8.0	11.2	14.0
EER / COP	Cooling / Heating			2.81 / 2.81	2.41 / 2.81	2.73 / 2.82
Annual energy consumption			kWh	1,265	2,075	2,290
Energy Label	cooling / heating			C / D	E / D	D / D
Dimensions	(Height x Width x Depth)		mm	195x1160x680	195x1400x680	195x1590x680
Weight				kg	27.0	32.0
Air Flow Rate	Cooling	High/Low	m³/min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0
	Heating	High/Low	m³/min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0
Sound Power	Cooling	High/Low	dBA	55.0 / 51.0	58.0 / 53.0	60.0 / 55.0
	Heating	High/Low	dBA	55.0 / 51.0	58.0 / 53.0	60.0 / 55.0
Sound Pressure	Cooling	High/Low	dBA	39.0 / 35.0	42.0 / 37.0	44.0 / 39.0
	Heating	High/Low	dBA	39.0 / 35.0	42.0 / 37.0	44.0 / 39.0
Refrigerant				Type	R-410A	
Power Supply					1~/220-240V/50Hz	

Outdoor Unit				RZQS71C7V1B	RZQS100C7V1B	RZQS125C7V1B
Dimensions	(Height x Width x Depth)		mm	770x900x320	700x900x320	1,170x900x320
Weight			kg	68		103
Operation Range	Cooling	Min~Max	°CDB	-5~46		
	Heating	Min~Max	°CWB	-15~15.5		
Sound Power		Cooling	dBA	65	67	
Sound Pressure (Standard)		Cooling	dBA	49	51	
		Heating	dBA	51	55	53
Sound Level (Night quiet)		Sound Pressure	dBA	47	49	
Refrigerant			Type	R-410A		
Power Supply				1~/220-240V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26		
Piping Length (Maximum)			m	30	50	
Max. internunit level difference			m	0.5		



FHQ-B / RZQ-C

Ceiling Suspended Unit



BRC1D52



BRC7E63

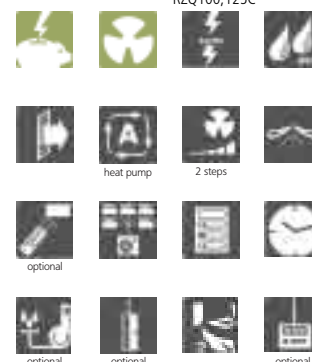


FHQ71B



RZQ100,125C

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity.



HEAT PUMP

INVERTER

Indoor Units				FHQ71BHV1B	FHQ100BHV1B	FHQ125BHV1B	
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	
	Heating capacity	Standard	kW	8.0	11.2	14.0	
EER / COP	Cooling / Heating			2.89 / 3.00	3.03 / 3.21	2.81 / 3.21	
Annual energy consumption			kWh	1,230	1650	2225	
Energy Label	cooling / heating			C / D	B / C	C / C	
Dimensions	(Height x Width x Depth)		mm	195x1160x680	195x1400x680	195x1590x680	
Weight				kg	27.0	32.0	35.0
Air Flow Rate	Cooling	High/Low	m³/min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0	
	Heating	High/Low	m³/min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0	
Sound Power	Cooling	High/Low	dBA	55.0 / 51.0	58.0 / 53.0	60.0 / 55.0	
	Heating	High/Low	dBA	55.0 / 51.0	58.0 / 53.0	60.0 / 55.0	
Sound Pressure	Cooling	High/Low	dBA	39.0 / 35.0	42.0 / 37.0	44.0 / 39.0	
	Heating	High/Low	dBA	39.0 / 35.0	42.0 / 37.0	44.0 / 39.0	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			

Outdoor Unit				RZQ71C7V1B		RZQ100C7V1B		RZQ125C7V1B	
Dimensions		(Height x Width x Depth)		mm		770x900x320		1170x900x320	
Weight				kg		67		103	
Operation Range		Cooling	Min~Max	°CDB		-15.0~-50.0			
		Heating	Min~Max	°CWB		-20.0~-15.5			
Sound Power		Cooling	dBA	63		65		66	
Sound Pressure (Standard)		Cooling	dBA	47		49		50	
		Heating	dBA	49		51		52	
Sound Level (Night quiet)		Sound Pressure	dBA	43				45	
Refrigerant			Type	R-410A					
Power Supply			1~/220-240V/50Hz						
Piping connections		Liquid (OD)/Gas/Drain		mm		9.52 / 15.9 / 26			
Piping Length (Maximum)			m	50				75	
Max. internunit level difference			m			0.5			



FHQ-B / RZQ-BW1

Ceiling Suspended Unit



BRC1D52



BRC7E63

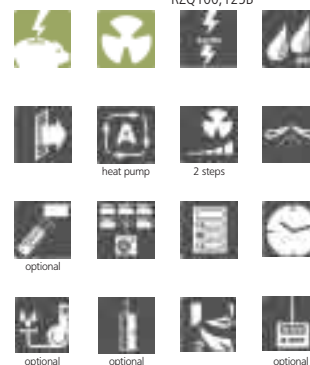


FHQ-B



RZQ100,125B

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity.



HEAT PUMP

INVERTER

Indoor Units				FHQ100BVV1B	FHQ125BVV1B
Capacity	Cooling capacity	Standard	kW	10.00	12.50
	Heating capacity	Standard	kW	11.20	14.00
EER / COP	Cooling / Heating			3.17 / 3.11	2.81 / 3.11
Annual energy consumption			kWh	1575	2225
Energy Label	cooling / heating			B / D	C / D
Dimensions	(Height x Width x Depth)		mm	195x1400x680	195x1590x680
Weight				kg	32.0
Air Flow Rate	Cooling	High/Low	m³/min	24.0 / 20.0	30.0 / 25.0
	Heating	High/Low	m³/min	24.0 / 20.0	30.0 / 25.0
Sound Power	Cooling	High/Low	dBA	58.0 / 53.0	60.0 / 55.0
	Heating	High/Low	dBA	58.0 / 53.0	60.0 / 55.0
Sound Pressure	Cooling	High/Low	dBA	42.0 / 37.0	44.0 / 39.0
	Heating	High/Low	dBA	42.0 / 37.0	44.0 / 39.0
Refrigerant				R-410A	
Power Supply				1~/220-240V/50Hz	

Outdoor Unit				RZQ100B8W1B	RZQ125B8W1B
Dimensions	(Height x Width x Depth)		mm	1345x900x320	
Weight			kg	106	
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0	
	Heating	Min~Max	°CWB	-20.0~15.5	
Sound Power	Cooling		dBA	65.0	66.0
Sound Pressure (Standard)	Cooling		dBA	49.0	50.0
	Heating		dBA	51.0	52.0
Sound Level (Night quiet)	Sound Pressure		dBA	45.0	
Refrigerant			Type	R-410A	
Power Supply				3N~/400V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26	
Piping Length (Maximum)			m	75	
Max. internunit level difference			m	0.5	



FUY-F / RY-LUV1

4-Way Blow Ceiling Suspended Cassette



BRC1C61

BRC7C528W

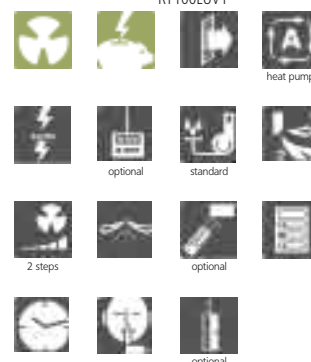


FUY100F



RY100LUV1

- Can be installed in both new and existing buildings.
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Air can be discharged in any of 4 directions
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Flexible installation: can be installed in the middle of a room or in a corner.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Drain-up pump with 350mm lift fitted as standard



HEAT PUMP

NON-INVERTER

Indoor Units				FUY71FJV1	FUY100FJV1
Capacity	Cooling capacity	Standard	kW	7.7	10.4
	Heating capacity	Standard	kW	7.9	11.2
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	165x895x895	230x895x895
Weight			kg	25	31
Air Flow Rate	Cooling	High/Low	m³/min	19 / 14	29 / 21
	Heating	High/Low	m³/min	19 / 14	29 / 21
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	

Outdoor Unit			RY71LUV1	RY100LUV1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320
Weight		kg	73	89
Refrigerant		Type	R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26



FUY-F / RY-LUY1

4-Way Blow Ceiling Suspended Cassette



BRC1C61

BRC7C528W

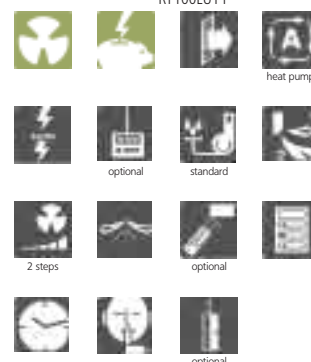


FUY100F



RY100LUY1

- Can be installed in both new and existing buildings.
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Air can be discharged in any of 4 directions
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Flexible installation: can be installed in the middle of a room or in a corner.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Drain-up pump with 350mm lift fitted as standard



HEAT PUMP

NON-INVERTER

Indoor Units				FUY71FJV1	FUY100FJV1	FUY125FJV1
Capacity	Cooling capacity	Standard	kW	7.7	10.4	12.8
	Heating capacity	Standard	kW	7.9	11.2	14.2
EER / COP	Cooling / Heating			- / -		
Annual energy consumption			kWh	-		
Dimensions	(Height x Width x Depth)		mm	165x895x895	230x895x895	
Weight			kg	25	31	
Air Flow Rate	Cooling	High/Low	m³/min	19 / 14	29 / 21	32 / 23
	Heating	High/Low	m³/min	19 / 14	29 / 21	32 / 23
Refrigerant			Type	R-22		
Power Supply				1~/220-240V/50Hz		

Outdoor Unit			RY71LUY1	RY100LUY1	RY125LUY1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320	
Weight		kg	72	86	101
Refrigerant			Type	R-22	
Power Supply			3~/400V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26	



FHY-B / RY-F

Ceiling Suspended Unit



BRC1C61

BRC7E66

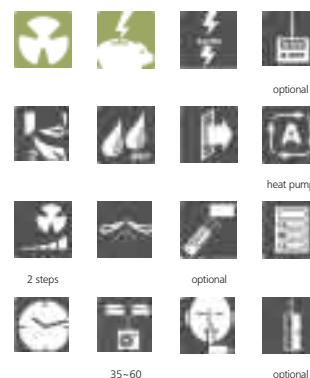


FHY35BVE



RY35FV1A

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Wider air discharge thanks to Coanda effect: up to 100 degrees
- Drain pump kit available as accessory
- Easy installation and maintenance



HEAT PUMP

Indoor Units				FHY35BVE	
Capacity	Cooling capacity	Standard	kW	3.5(1)/3.5(2)	
	Heating capacity	Standard	kW	4.1(3)/4.05(4)	
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	195x960x680	
Weight			kg	23	
Air Flow Rate	Cooling	High/Low	m³/min	13 / 10	
Refrigerant			Type	R-22	
Power Supply				1~240V/50Hz	

NON-INVERTER

Outdoor Unit				RY35FV1A	
Dimensions	(Height x Width x Depth)		mm	540x750x270	
Weight			kg	41	
Operation Range	Cooling	Min~Max	°CDB	19.4~46	
	Heating	Min~Max	°CWB	-10~-15.5	
Refrigerant			Type	R-22	
Power Supply				1~/240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 12.7 / 18	
Piping Length (Maximum)			m	20	

Note (1) Nominal cooling conditions: return air temperature: 27°CDB/19.0°CWB; outdoor temperature: 35°CDB; equivalent ref. piping 5m (horizontal)

Note (2) Nominal cooling conditions: return air temperature: 27°CDB/19.5°CWB; outdoor temperature: 35°CDB; equivalent ref. piping 5m (horizontal)

Note (3) Nominal heating conditions: return air temperature: 20°CDB; outdoor temperature: 7°CDB/6°CWB; equivalent ref. piping 5m (horizontal)

Note (4) Nominal heating conditions: return air temperature: 21°CDB; outdoor temperature: 7°CDB/6°CWB; equivalent ref. piping 5m (horizontal)



FHY-B / RY-GA

Ceiling Suspended Unit



BRC1C61

BRC7E66

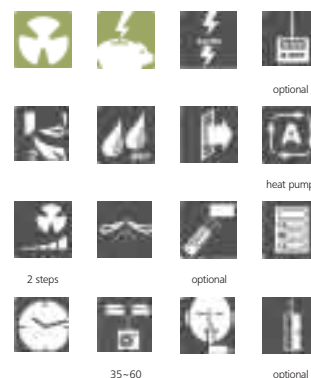


FHY50B



RY50GA

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Wider air discharge thanks to Coanda effect: up to 100 degrees
- Drain pump kit available as accessory
- Easy installation and maintenance



HEAT PUMP

NON-INVERTER

Indoor Units				FHY50BVE	FHY60BVE
Capacity	Cooling capacity	Standard	kW	5.0(1)/4.85(2)/4.85(3)	6.3(1)/6.15(2)/6.15(3)
	Heating capacity	Standard	kW	5.5(1)/5.5(2)/5.78(3)	7.1(1)/7.1(2)/7.24(3)
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	195x960x680	195x1160x680
Weight			kg	24	26
Air Flow Rate	Cooling	High/Low	m³/min	13 / 10	16 / 13
Refrigerant			Type	R-22	
Power Supply				1~/240V/50Hz	

Outdoor Unit				RY50GAV1A	RY60GAV1A
Dimensions	(Height x Width x Depth)		mm	685x800x300	685x880x350
Weight			kg	51	75
Operation Range	Cooling	Min~Max	°CDB	19.4~46	
	Heating	Min~Max	°CWB	-10~15	
Refrigerant			Type	R-22	
Power Supply				1~/240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 15.9 / 18	
Pipino Length (Maximum)			m	30	

Note (1) cooling: at indoor temperature: 27°CDB/19.5°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB/15°CWB, outdoor temperature: 7°CDB/6°CWB

Note (2) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 20°CDB/15°CWB, outdoor temperature: 7°CDB/6°CWB

Note (3) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB/15°CWB, outdoor temperature: 7°CDB/6°CWB



FHY-B / RY-LUV1

Ceiling Suspended Unit



BRC1C61

BRC7E66

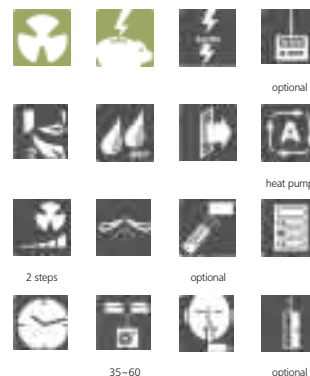


FHY100B



RY100LUV1

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Wider air discharge thanks to Coanda effect: up to 100 degrees
- Drain pump kit available as accessory
- Easy installation and maintenance



HEAT PUMP

NON-INVERTER

Indoor Units				FHY71BVE	FHY100BVE
Capacity	Cooling capacity	Standard	kW	7.7	10.4
	Heating capacity	Standard	kW	7.9	11.2
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	195x1160x680	195x1400x680
Weight			kg	27	32
Air Flow Rate	Cooling	High/Low	m³/min	17 / 14	24 / 20
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	

Outdoor Unit			RY71LUV1	RY100LUV1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320
Weight		kg	73	89
Refrigerant		Type	R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26



FHY-B / RY-LUY1

Ceiling Suspended Unit



BRC1C61

BRC7E66

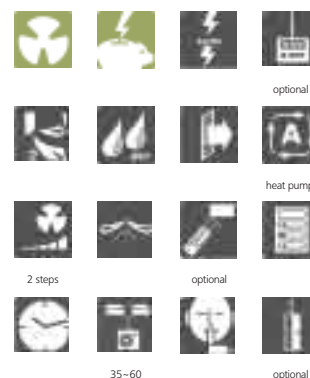


FHY100B



RY100LUY1

- Ideal solution for shops, restaurants or offices without false ceilings
- Compact design
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Wider air discharge thanks to Coanda effect: up to 100 degrees
- Drain pump kit available as accessory
- Easy installation and maintenance



HEAT PUMP

Indoor Units				FHY71BVE	FHY100BVE	FHY125BVE
Capacity	Cooling capacity	Standard	kW	7.7	10.4	12.8
	Heating capacity	Standard	kW	7.9	11.2	14.2
EER / COP	Cooling / Heating			- / -		
Annual energy consumption			kWh	-		
Dimensions	(Height x Width x Depth)		mm	195x1160x680	195x1400x680	195x1590x680
Weight			kg	27	32	35
Air Flow Rate	Cooling	High/Low	m³/min	17 / 14	24 / 20	30 / 25
Refrigerant			Type	R-22		
Power Supply				3~/380-415V/50Hz		

Outdoor Unit			RY71LUY1	RY100LUY1	RY125LUY1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320	
Weight		kg	72	86	101
Refrigerant		Type		R-22	
Power Supply				3~/400V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26	



A range of high performance, low energy consumption air cooled packaged roof top units is produced by Daikin for supermarket, warehouse, factory, hotel, hospital, cinema and large store applications.

Heat pump and cooling only 'plug and play' versions are easy to install and available as fully integrated systems comprising compressor, evaporator and condensing units for air transmission through ductwork to the conditioned space.

Roof Top & Packaged Systems

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UCJ-P

Water-cooled Floor Standing Unit



UCJ670P



- Ideal for use in larger areas
- Can be installed in both new and existing buildings.
- Reduced running costs
- Easy operation and maintenance
- High quality, anti-corrosion treated components as standard
- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- Washable air filter

COOLING ONLY

NON-INVERTER

Outdoor Units				UCJ500P	UCJ670P	UCJ1000P	UCJ1320P
Capacity	Cooling	Nominal	kW	50.2 (1) / 52.8 (2)	66.7 (1) / 70.7 (2)	101.0 (1) / 106.1 (2)	133.4 (1) / 140.5 (2)
Air Flow Rate Evaporator	Cooling		m³/min	135	225	270	360
Casing	Colour			Ivory White			
	Material			Cold rolled steel			
Dimensions	Unit	HxWxD	mm	1,870x1,470x720	1,870x1,810x720	1,850x1,960x1,050	1,850x1,960x1,200
Weight	Unit		kg	445	495	735	974
Operation Range	Cooling	Min-Max	°CDB	15°C~37°C			
Refrigerant	Type			R-22			
Power Supply				3~,380-415/400-440V,50/60Hz			

Note (1) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 50Hz

Note (2) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 60Hz



UCJ-N

Water-cooled Floor Standing Unit



UCJ



- Ideal for use in larger areas
- Can be installed in both new and existing buildings.
- Reduced running costs
- Easy operation and maintenance
- High quality, anti-corrosion treated components as standard
- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- Washable air filter

COOLING ONLY

NON-INVERTER

Outdoor Units				UCJ850N	UCJ1600N	UCJ2000N
Capacity	Cooling	Nominal	kW	84.6 (1) / 89.7 (2)	150.3 (1) / 170.7 (2)	193.5 (1) / 213.9 (2)
Air Flow Rate Evaporator	Cooling		m ³ /min	225	420	540
Casing	Colour			Ivory White		
	Material			Cold rolled steel		
Dimensions	Unit	HxWxD	mm	1,850x1,600x1,050	1,850x1,960x1,200	1,850x2,360x1,200
Weight	Unit		kg	700	1,150	1,360
Operation Range	Cooling	Min-Max	°CDB	15°C~37°C		
Refrigerant	Type			R-22		
Power Supply				3~, 380-415/400-440V, 50/60Hz		

Note (1) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 50Hz

Note (2) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 60Hz



UCPJ-P

Water-cooled Floor Standing Unit



UCPJ



- Ideal for use in larger areas
- Can be installed in both new and existing buildings.
- Reduced running costs
- Easy operation and maintenance
- High quality, anti-corrosion treated components as standard
- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- Washable air filter

COOLING ONLY

NON-INVERTER

Outdoor Units				UCPJ170P	UCPJ250P	UCPJ335P
Capacity	Cooling	Nominal	kW	50.2 (1) / 52.8 (2)	24.6 (1) / 27.3 (2)	34.5 (1) / 36.5 (2)
Air Flow Rate Evaporator	Cooling		m³/min	53	80	107270
Casing	Colour			Ivory White		
	Material			Cold rolled steel		
Dimensions	Unit	HxWxD	mm	1,640x950x510	1,640x1,170x510	1,640x1,470x510
Weight	Unit		kg	180	220	260
Operation Range	Cooling	Min-Max	°CDB	15°C~37°C		
Refrigerant	Type			R-22		
Power Supply				3~ 380-415/400-440V,50/60Hz		

Note (1) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 50Hz

Note (2) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 60Hz



UCPJ-N

Water-cooled Floor Standing Unit



UCPJ



- Ideal for use in larger areas
- Can be installed in both new and existing buildings.
- Reduced running costs
- Easy operation and maintenance
- High quality, anti-corrosion treated components as standard
- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- Washable air filter

COOLING ONLY

Outdoor Units			
Capacity	Cooling	Nominal	kW
Air Flow Rate Evaporator	Cooling		m ³ /min
Casing	Colour		
	Material		
Dimensions	Unit	HxWxD	mm
Weight	Unit		kg
Operation Range	Cooling	Min-Max	°CDB
Refrigerant	Type		
Power Supply			

NON-INVERTER

UCPJ100N			
			50.2 (1) / 52.8 (2)
			53
			Ivory White
			Cold rolled steel
			1,640x950x510
			180
			15°C~37°C
			R-22
			3~,380-415/400-440V,50/60Hz

Note (1) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 50Hz

Note (2) Cooling capacities are based on: indoor temperature 27°CDB/19.5°CWB; 60Hz

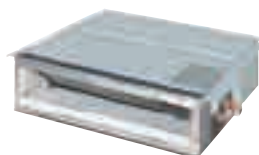


FDXS-E / RXS-G

Slim Concealed Ceiling Unit



ARC433A8



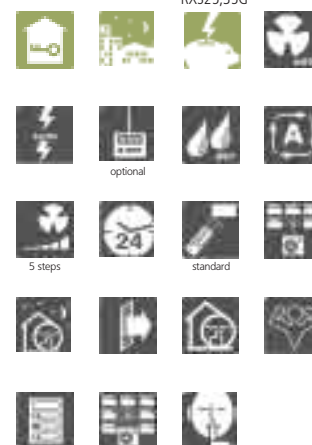
FDXS25,35E



RXS25,35G

- Slim design for flexible installation
- Compact dimensions, can easily be mounted in a ceiling void
- 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 or heating

- Home leave operation saves energy during absence
- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor / outdoor unit silent operation: "Silent" buttons on the remote control lower the operation sound of the indoor and/or outdoor unit by 3dB(A).
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

INVERTER

Indoor Units				FDXS25EAVMB	FDXS35EAVMB
Capacity	Cooling capacity	Minimum	kW	1.3	1.4
		Standard	kW	2.4	3.4
		Maximum	kW	3.0	3.8
	Heating capacity	Minimum	kW	1.3	1.4
		Standard	kW	3.2	4.0
		Maximum	kW	4.5	5.0
EER / COP	Cooling / Heating			3.48 / 3.52	3.12 / 3.39
Annual energy consumption			kWh	345	545
Energy Label	cooling / heating			A / B	B / C
Dimensions	(Height x Width x Depth)		mm	200x700x620	200x700x620
Weight			kg	21.0	21.0
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	m³/min	8.7 / 8.0 / 7.3 / 6.2	8.7 / 8.0 / 7.3 / 6.2
	Heating	High/Medium/Low/Silent Operation	m³/min	8.7 / 8.0 / 7.3 / 6.2	8.7 / 8.0 / 7.3 / 6.2
Sound Power	Cooling	High	dBA	53.0	53.0
	Heating	High	dBA	53.0	53.0
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	dBA	35.0 / 33.0 / 31.0 / 29.0	35.0 / 33.0 / 31.0 / 29.0
	Heating	High/Medium/Low/Silent Operation	dBA	35.0 / 33.0 / 31.0 / 29.0	35.0 / 33.0 / 31.0 / 29.0
Refrigerant			Type	R-410A	R-410A
Power Supply				1~/220-240/220-230V/50/60Hz	1~/220-240/220-230V/50/60Hz

Outdoor Unit				RXS25G2V1B	RXS35G2V1B
Dimensions	(Height x Width x Depth)		mm	550x765x285	550x765x285
Weight			kg	34	34
Operation Range	Cooling	Min~Max	°CDB	-10~46	-10~46
	Heating	Min~Max	°CWB	-15~20	-15~20
Sound Power	Cooling		dBA	61	63
Sound Pressure (Low)	Cooling		dBA	43	44
	Heating		dBA	44	45
Sound Pressure (High)	Cooling		dBA	46	48
	Heating		dBA	47	48
Refrigerant			Type	R-410A	R-410A
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35/9.52/18	6.35/9.52/18
Piping Length (Maximum)			m	20	20

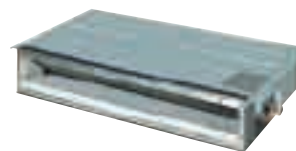


FDXS-C / RXS-G

Slim Concealed Ceiling Unit



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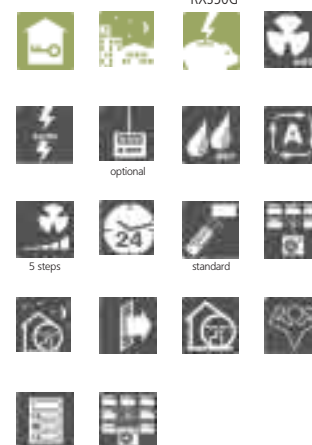


FDXS50C



RXS50G

- Slim design for flexible installation
- Compact dimensions, can easily be mounted in a ceiling void
- 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 or heating
- Home leave operation saves energy during absence
- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor / outdoor unit silent operation: "Silent" buttons on the remote control lower the operation sound of the indoor and/or outdoor unit by 3dB(A) .
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

Indoor Units				FDXS50CVMB	
Capacity	Cooling capacity	Minimum	kW	1.7	
		Standard	kW	5.0	
		Maximum	kW	5.3	
	Heating capacity	Minimum	kW	1.7	
		Standard	kW	5.8	
		Maximum	kW	6.0	
EER / COP	Cooling / Heating			3.03 / 3.02	
Annual energy consumption			kWh	825	
Energy Label	cooling / heating			B / D	
Dimensions	(Height x Width x Depth)		mm	200x900x620	
Weight			kg	27.0	
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	m³/min	12.0 / 11.0 / 10.0 / 8.4	
	Heating	High/Medium/Low/Silent Operation	m³/min	12.0 / 11.0 / 10.0 / 8.4	
Sound Power	Cooling	High	dBA	55.0	
	Heating	High	dBA	55.0	
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	dBA	37.0 / 35.0 / 33.0 / 31.0	
	Heating	High/Medium/Low/Silent Operation	dBA	37.0 / 35.0 / 33.0 / 31.0	
Refrigerant			Type	R-410A	
Power Supply				1 ~/220-240/220-230V/50/60Hz	

Outdoor Unit				RXS50G2V1B	
Dimensions	(Height x Width x Depth)		mm	735x825x300	
Weight			kg	48	
Operation Range	Cooling	Min~Max	°CDB	-10~46	
	Heating	Min~Max	°CWB	-15~18	
Sound Power		Cooling	dBA	62	
Sound Pressure (Low)		Cooling	dBA	44	
		Heating	dBA	45	
Sound Pressure (High)		Cooling	dBA	48	
		Heating	dBA	48	
Refrigerant			Type	R-410A	
Power Supply				1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35/12.7/18	
Pipoina Length (Maximum)			m	30	

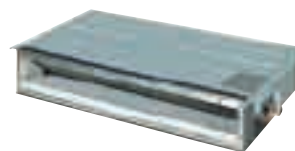


FDXS-C / RXS-F

Slim Concealed Ceiling Unit



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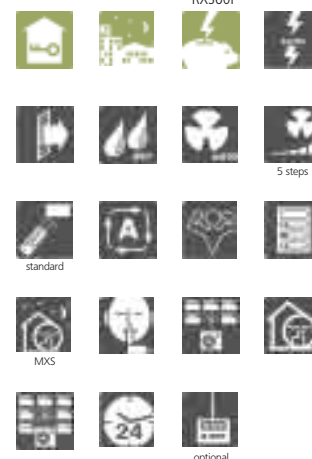


FDXS60C



RXS60F

- Slim design for flexible installation
- Compact dimensions, can easily be mounted in a ceiling void
- 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 or heating
- Home leave operation saves energy during absence
- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor / outdoor unit silent operation: "Silent" buttons on the remote control lower the operation sound of the indoor and/or outdoor unit by 3dB(A) .
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

Indoor Units				FDXS60CVMB
Capacity	Cooling capacity	Minimum	kW	1.7
		Standard	kW	6.0
		Maximum	kW	6.5
	Heating capacity	Minimum	kW	1.7
		Standard	kW	7.0
		Maximum	kW	8.0
EER / COP	Cooling / Heating			2.82 / 3.02
Annual energy consumption				1065
Energy Label	cooling / heating			C / D
Dimensions	(Height x Width x Depth)			200x1100x620
Weight				30.0
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	m³/min	16.0 / 14.8 / 13.5 / 11.2
	Heating	High/Medium/Low/Silent Operation	m³/min	16.0 / 14.8 / 13.5 / 11.2
Sound Power	Cooling	High	dBA	56.0
	Heating	High	dBA	56.0
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	dBA	38.0 / 36.0 / 34.0 / 32.0
	Heating	High/Medium/Low/Silent Operation	dBA	38.0 / 36.0 / 34.0 / 32.0
Refrigerant				R-410A
Power Supply				220-240/220-230V/50/60Hz

Outdoor Unit				RXS60F2V1B
Dimensions	(Height x Width x Depth)			735x825x300
Weight				48
Operation Range	Cooling	Min~Max	°CDB	-10~46
	Heating	Min~Max	°CWB	-15~18
Sound Power	Cooling		dBA	63
Sound Pressure (Standard)	Cooling		dBA	49
	Heating		dBA	49
Sound Level (Night quiet)	Sound Pressure		dBA	46
Refrigerant				R-410A
Power Supply				220-240/220-230V/50Hz
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 12.7 / 18
Piping Length (Maximum)				30



best pump.



- Lightweight and compact
- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- Quiet operation
- Maximum external static pressure (ESP) is 88Pa



FBQ-B / RZQ-C

Concealed Ceiling Unit



BRC1D52

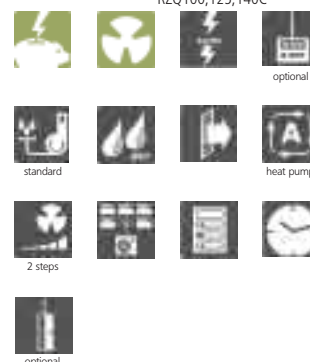


FBQ100,125,140B



RZQ100,125,140C

- Lightweight and compact
- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- Quiet operation
- Maximum external static pressure (ESP) is 88Pa



HEAT PUMP

INVERTER

Indoor Units				FBQ71B8V3B	FBQ100B8V3B	FBQ125B8V3B	FBQ140B8V3B
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	13.4
	Heating capacity	Standard	kW	8.0	11.2	14.0	15.5
EER / COP	Cooling / Heating			3.21 / 3.76	3.33 / 3.75	3.14 / 3.52	2.81 / 3.21
Annual energy consumption			kWh	1,105	1500	1985	2385
Energy Label	cooling / heating			A / A		B / B	C / C
Dimensions	(Height x Width x Depth)		mm	300x1000x800		300x1400x800	
Weight				kg	41.0	51.0	52.0
Air Flow Rate	Cooling	High/Low	m³/min	19.00 / 14.00	27.00 / 20.00	35.00 / 24.00	
	Heating	High/Low	m³/min	19.00 / 14.00	27.00 / 20.00	35.00 / 24.00	
Sound Power	Cooling	High	dBA	60.0	62.0	63.0	
Sound Pressure	Cooling	High/Low	dBA	34.0 / 30.0	36.0 / 31.0	38.0 / 32.0	
	Heating	High/Low	dBA	34.0 / 30.0	36.0 / 31.0	38.0 / 32.0	
Refrigerant			Type	R-410A			
Power Supply				1~/230V/50Hz			
Decoration Panel	Model			BYB571DJW1	BYB5125DJW1		
	Colour			White			
	HxWxD		mm	55x1100x500		55x1500x500	
	Weight		kg	4.5		6.5	

Outdoor Unit				RZQ71C7V1B	RZQ100C7V1B	RZQ125C7V1B	RZQ140C7V1B
Dimensions		(Height x Width x Depth)		mm	770x900x320		
Weight				kg	67		
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0			
	Heating	Min~Max	°CWB	-20.0~15.5			
Sound Power		Cooling	dBA	63	65	66	67
Sound Pressure (Standard)		Cooling	dBA	47	49	50	
		Heating	dBA	49	51	52	
Sound Level (Night quiet)		Sound Pressure	dBA	43	45		46
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)				m	50	75	
Max. internunit level difference				m	0.5		



FBQ-B / RZQ-BW1

Concealed Ceiling Unit



BRC 1D52

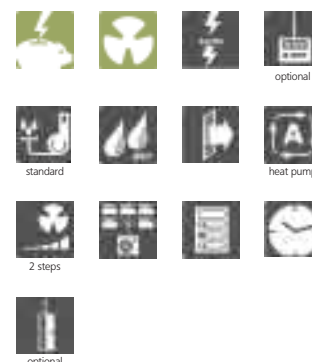


FBQ 100, 125, 140B



RZQ 100, 125, 140B

- Lightweight and compact
- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- Quiet operation
- Maximum external static pressure (ESP) is 88Pa



HEAT PUMP

INVERTER

Indoor Units				FBQ100B8V3B	FBQ125B8V3B	FBQ140B8V3B
Capacity	Cooling capacity	Standard	kW	10.00	12.50	13.40
	Heating capacity	Standard	kW	11.20	14.00	15.50
EER / COP	Cooling / Heating			3.50 / 3.73	3.14 / 3.51	2.82 / 3.21
Annual energy consumption			kWh	1430	1990	2380
Energy Label	cooling / heating			A / A	B / B	C / C
Dimensions	(Height x Width x Depth)		mm	300x1400x800		
Weight			kg	51.0	52.0	
Air Flow Rate	Cooling	High/Low	m³/min	27.00 / 20.00	35.00 / 24.00	
	Heating	High/Low	m³/min	27.00 / 20.00	35.00 / 24.00	
Sound Power	Cooling	High	dBA	62.0	63.0	
Sound Pressure	Cooling	High/Low	dBA	36.0 / 31.0	38.0 / 32.0	
	Heating	High/Low	dBA	36.0 / 31.0	38.0 / 32.0	
Refrigerant			Type	R-410A		
Power Supply				1~/230V/50Hz		
Decoration Panel	Model			BYBS125DJW1		
	Colour			White		
	HxWxD		mm	55x1500x500		
	Weight		kg	6.5		

Outdoor Unit				RZQ100B8W1B	RZQ125B8W1B	RZQ140B8W1B
Dimensions		(Height x Width x Depth)		mm	1345x900x320	
Weight				kg	106	
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0		
	Heating	Min~Max	°CWB	-20.0~15.5		
Sound Power		Cooling	dBA	65.0	66.0	
Sound Pressure (Standard)		Cooling	dBA	49.0	50.0	
		Heating	dBA	51.0	52.0	
Sound Level (Night quiet)		Sound Pressure	dBA	45.0		
Refrigerant				Type		
Power Supply				R-410A		
				3N~/400V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26		
Piping Length (Maximum)				m	75	
Max. internunit level difference				m	0.5	



FHYB-F / RY-F

Concealed Ceiling Unit



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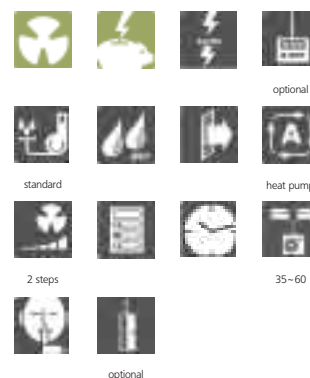


FHYB35F



RY35F

- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- High external static pressure facilitates unit use with flexible ducts of varying lengths
- Long life filter fitted as standard



HEAT PUMP

Indoor Units				NON-INVERTER	
Capacity	Cooling capacity	Standard	kW	FHYB35FV1	
	Heating capacity	Standard	kW	3.5	
EER / COP	Cooling / Heating			4.1	
Annual energy consumption			kWh	- / -	
Dimensions	(Height x Width x Depth)		mm	-	
Weight			kg	300x700x800	
Air Flow Rate	Cooling	High/Low	m³/min	30	
Refrigerant			Type	11.5 / 9	
Power Supply				R-22	
Decoration Panel	Model			1~/220-240V/50Hz	
	Colour			BYBS45DJW1 (BYBS45D-W2)	
	HxWxD		mm	White	
	Weight		kg	55x880x500	
				3.5	

Outdoor Unit				RY35FV1A	
Dimensions	(Height x Width x Depth)		mm	540x750x270	
Weight			kg	41	
Operation Range	Cooling	Min~Max	°CDB	19.4~46	
	Heating	Min~Max	°CWB	-10~-15.5	
Refrigerant			Type	R-22	
Power Supply				1~/220-240/220V/50/60Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 12.7 / 18	
Piping Length (Maximum)			m	20	



FHYB-F / RY-GA

Concealed Ceiling Unit



BRC1C61

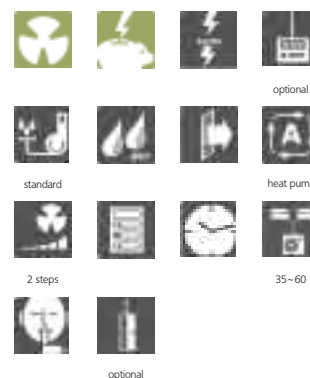


FHYB60F



RY60GA

- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- High external static pressure facilitates unit use with flexible ducts of varying lengths
- Long life filter fitted as standard



HEAT PUMP

NON-INVERTER

Indoor Units				FHYB45FV1	FHYB60FV1
Capacity	Cooling capacity	Standard	kW	4.85	6.15
	Heating capacity	Standard	kW	5.5	7.1
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	300x700x800	300x1,000x800
Weight			kg	31	41
Air Flow Rate	Cooling	High/Low	m³/min	14 / 10	17 / 13
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	
Decoration Panel	Model			BYBS45DJW1 (BYBS45D-W2)	BYBS71DJW1 (BYBS71D-W2)
	Colour			White	
	HxWxD		mm	55x880x500	55x1,100x500
	Weight		kg	3.5	4.5

Outdoor Unit				RY60GAV1A	RY50GAV1A
Dimensions	(Height x Width x Depth)		mm	685x800x300	685x880x350
Weight			kg	51	75
Operation Range	Cooling	Min~Max	°CDB	20~46	
	Heating	Min~Max	°CWB	-10~15	
Refrigerant			Type	R-22	
Power Supply				1~/220-230-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 15.9 / 18	
Piping Length (Maximum)			m	30	



FHYB-F / RY-LUV1

Concealed Ceiling Unit



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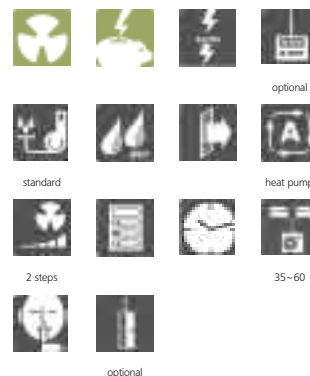


FHYB100F



RY100LUV1

- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- High external static pressure facilitates unit use with flexible ducts of varying lengths
- Long life filter fitted as standard



HEAT PUMP

NON-INVERTER

Indoor Units				FHYB71FV1	FHYB100FV1
Capacity	Cooling capacity	Standard	kW	7.7	10.4
	Heating capacity	Standard	kW	7.9	11.2
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	300x1,000x800	300x1,400x800
Weight			kg	41	51
Air Flow Rate	Cooling	High/Low	m³/min	19-21.5 / 14-16.5	27-29 / 20-22
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	
Decoration Panel	Model			BYBS71DJW1 (BYBS71D-W2)	BYBS125DJW1 (BYBS125D-W2)
	Colour			White	
	HxWxD		mm	55x1,100x500	55x1,500x500
	Weight		kg	4.5	6.5

Outdoor Unit			RY71LUV1	RY100LUV1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320
Weight		kg	73	89
Refrigerant		Type	R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26



FHYB-F / RY-LUY1

Concealed Ceiling Unit



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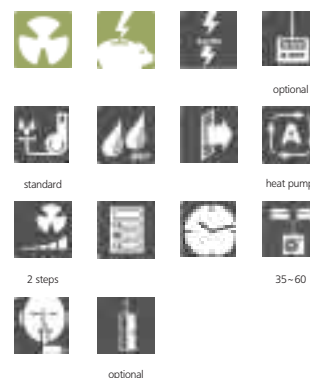


FHYB100F



RY100LUY1

- Slim design for flexible installation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The position of individual air discharge grilles can be altered, enabling efficient temperature distribution, even in irregularly shaped rooms.
- Optimum air distribution
- High external static pressure facilitates unit use with flexible ducts of varying lengths
- Long life filter fitted as standard



HEAT PUMP

Indoor Units				FHYB71FV1	FHYB100FV1	FHYB125FV1
Capacity	Cooling capacity	Standard	kW	7.7	10.4	12.8
	Heating capacity	Standard	kW	7.9	11.2	14.2
EER / COP	Cooling / Heating			- / -		
Annual energy consumption			kWh	-		
Dimensions	(Height x Width x Depth)		mm	300x1,000x800	300x1,400x800	
Weight				41	51	52
Air Flow Rate	Cooling	High/Low	m³/min	19-21.5 / 14-16.5	27-29 / 20-22	35-40.5 / 24-29.5
Refrigerant			Type	R-22		
Power Supply				1~/220-240V/50Hz		
Decoration Panel	Model			BYBS71DJW1 (BYBS71D-W2)	BYBS125DJW1 (BYBS125D-W2)	
	Colour			White		
	HxWxD	mm		55x1,100x500	55x1,500x500	
	Weight	kg		4.5	6.5	

Outdoor Unit			RY71LUY1	RY100LUY1	RY125LUY1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1170x900x320	
Weight		kg	72	86	101
Refrigerant			R-22		
Power Supply			3~/400V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26	



FDYB-C / RY-C

Concealed Ceiling Unit



SLM3



FDYB-C



RY-CV1M



- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Double protection drainage system
- Slim design for flexible installation
- Compact indoor models and twin coil structure save installation space
- Easy operation and maintenance
- Multiple rooms conditioned via single fan coil unit
- Fresh air intake for healthy living
- Superior air distribution for comfortable living

HEAT PUMP

NON-INVERTER

Indoor Units				FDYB30CV1M	FDYB40CV1M	FDYB60CV1M	FDYB71CV1M	FDYB90CV1M			FDYB125CV1M			FDYB140CV1M	FDYB160CV1M				
Capacity	Cooling capacity	Standard	kW	2.782	3.605	5.570	6.740	8.602	8.792	8.792	9.818	11.723	11.723	14.654	16.410				
	Heating capacity	Standard	kW	2.782	3.515	5.800	7.330	8.499	8.792	8.792	10.257	11.723	11.723	15.533	16.410				
EER / COP	Cooling / Heating			3.18 / 3.31	2.95 / 3.31	3.03 / 3.32	2.95 / 3.24	2.75/3.15	2.82/2.85	2.84/2.87	3.06/3.20	3.19/3.47	3.22/3.50	2.89 / 3.47	2.79 / 3.38				
Annual energy consumption			kWh	438	611	919	1,143	1,562	1,558	1,548	1,605	1,837	1,822	2,535	2,942				
Energy Label	cooling / heating			B / C	C / C	B / C	C / C	D/D	C/D	C/D	B/D	B/B	A/B	C / B	D / C				
Dimensions	(Height x Width x Depth)			mm	261x765x411		261x1,065x411	261x1,200x411		378x929x541			378x1,045x541		378x1,299x541	378x1,499x541			
Weight				kg	17	21	22	25	39			42		54	62				
Air Flow Rate	Cooling	High/Medium/Low	m³/min	7.62/7.08/5.94	15.3/13.32/9.9	18.42/18.18/16.14	21.78/20.4/16.44												
		SH/H/M/L	m³/min			-		26.64 / 24.9 / 22.38 / 20.94			33.72 / 30.00 / 28.32 / 27.48		42.78/37.68/37.08/35.94	48.12/45.90/43.02/41.58					
Sound Power	Cooling	High/Medium/Low	dBA	57 / 54 / 51	61 / 58 / 52	65 / 64 / 60	66 / 64 / 61												
		SH/H/M/L	dBA					76 / 73 / 69 / 64			78 / 76 / 72 / 68		78/76/73/70	79/78/75/71					
Sound Pressure	Cooling	High/Medium/Low	dBA	33 / 30 / 26	37 / 34 / 29	38 / 36 / 34	40 / 39 / 36												
		SH/H/M/L	dBA			-		49 / 46 / 42 / 38			51 / 49 / 45 / 41		53/52/50/47	55/53/50/47					
Refrigerant		Type		R-22															
Power Supply		1~/220-240V/50Hz																	

Outdoor Unit				RY30CV1M	RY40CV1M	RY60CV1M	RY71CV1M	RY80CV1M	RY90CV1M	RY90CV1M	RY100CV1M	RY125CV1M	RY125CV1M	RY140CV1M	RY160CV1M		
Dimensions		(Height x Width x Depth)	mm	540x700x250		648x855x328		750x855x328				850x1,030x400					
Weight			kg	32		59		62		68		95		100		105	108
Operation Range		Cooling	Min~Max	°CDB		19.0~46.0											
		Heating	Min~Max	°CWB		-9.0~18.0											
Sound pressure				dBA	46	49	51	52	54			58				61	
Refrigerant				Type	R-22												
Power Supply					1~/220-240V/50Hz							3~/80-415V/50Hz		1~/220-240V/50Hz		3~/380-415V/50Hz	
Piping connections		Liquid (OD)/Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.9		9.52 / 15.9					9.52 / 19.1		12.7 / 19.1		
Piping Length (Maximum)			m	12				15					45		35		



FDYM-C / RY-C

Concealed Ceiling Unit



SLM3



FDYB-C



RY-CV1M



- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Double protection drainage system
- Slim design for flexible installation
- Compact indoor models and twin coil structure save installation space
- Easy operation and maintenance
- Multiple rooms conditioned via single fan coil unit
- Fresh air intake for healthy living
- Superior air distribution for comfortable living

HEAT PUMP

NON-INVERTER

Indoor Units FDYM-CV1M				FDYM80CV1M	FDYM90CV1M	FDYM100CV1M	FDYM125CV1M	FDYM140CV1M	FDYM160CV1M																
Capacity	Cooling capacity	Standard	kW	2.780	3.600	5.570	6.890	7.913	8.792	8.792	8.602	8.792	8.792	10.257	11.137	11.137	9.818	11.723	11.723	14.654	16.410				
	Heating capacity	Standard	kW	2.780	3.600	5.800	7.030	8.206	8.792	8.792	8.499	8.792	8.792	10.550	11.280	11.280	10.257	11.723	11.723	15.533	16.410				
EER / COP	Cooling / Heating			3.09/3.52	2.84/3.39	2.94/3.14	2.63/2.77	2.56/3.11	2.85/2.87	2.86/2.88	2.73/3.11	2.80/2.82	2.81/2.84	3.11/3.19	2.96/3.25	2.98/3.28	3.01/3.14	3.14/3.14	3.62/3.17	3.65/2.90	3.49/2.73	3.30/2.73			
Annual energy consumption			kWh	450	634	948	1,308	1,546	1,545	1,535	1,577	1,573	1,563	1,652	1,883	1,868	1,633	1,864	1,849	2,524	3,005				
Energy Label	cooling / heating			B / B	C / C	C / D	D / E	E/D	C/D	C/D	D/D	D/D	C/D	B/D	C/C	C/C	B/D	B/A	B/A	C / B	D / C				
Dimensions	(Height x Width x Depth)		mm	261x765x411	261x905x411	261x1,065x411	261x1,200x411	285x1,007x600				378x929x541				305x1,302x638				378x1,045x541	378x1,299x541	378x1,499x541			
Weight			kg	17	21	22	25	38			39			41			42			54	62				
Air Flow Rate	Cooling	High/Medium/Low	m³/min	8.52/7.38/6.24	14.46/12.48/10.20	18.96/18.12/16.68	18.96/21.54/16.68																		
		SH/HML	m³/min							24.06/22.92/21.78/20.10			25.50/23.52/21.54/20.10			43.62/41.64/40.20/38.22			31.14/30.00/28.02/25.50			45.00/39.06/36.24/34.26			46.74/43.21/40.50/36.54
Sound Power	Cooling	High/Medium/Low	dBA	57/54/51	61/58/52	65/64/60	66/64/61																		
		SH/HML	dBA							67 / 64 / 61 / 57			76 / 73 / 69 / 64			80 / 76 / 73 / 70			78 / 76 / 72 / 68			78/76/73/70			79/78/75/71
Sound Pressure	Cooling	High/Medium/Low	dBA	33/20/26	37/34/29	38/36/34	40/39/36																		
		SH/HML	dBA							44 / 41 / 38 / 34			49 / 46 / 42 / 38			55 / 51 / 48 / 45			51 / 49 / 45 / 41			53/52/50/47			55/53/50/47
Refrigerant			Type	R-22																					
Power Supply				1~/220-240V/50Hz																					

Outdoor Unit				RY30CV1M	RY40CV1M	RY60CV1M	RY71CV1M	RY80CV1M	RY90CV1M	RY90CV1M	RY100CV1M	RY125CV1M	RY125CV1M	RY140CV1M	RY160CV1M		
Dimensions		(Height x Width x Depth)	mm	540x700x250		648x855x328		750x855x328				850x1,030x400					
Weight			kg	32		59		62		68		95		100		105	108
Operation Range		Cooling	Min~Max	°CDB		19.0~46.0											
		Heating	Min~Max	°CWB		-9.0~18.0											
Sound pressure			dBA	46		49		51		52		54		58		61	
Refrigerant			Type	R-22													
Power Supply				1~/220-240V/50Hz								3~/380-415V/50Hz		1~/220-240V/50Hz		3~/380-415V/50Hz	
Piping connections		Liquid (OD)/Gas	mm	6.35 / 9.52		6.35 / 12.7		6.35 / 15.9		9.52 / 15.9		9.52 / 19.1				12.7 / 19.1	
Piping Length (Maximum)			m	12				15				45				35	



FDYB-C / RY-C

Concealed Ceiling Unit



SLM3



FDYB-C



RY-CV1M



- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Double protection drainage system
- Slim design for flexible installation
- Compact indoor models and twin coil structure save installation space
- Easy operation and maintenance
- Multiple rooms conditioned via single fan coil unit
- Fresh air intake for healthy living
- Superior air distribution for comfortable living

HEAT PUMP

NON-INVERTER

Indoor Units				FDYB90CV1M	FDYB125CV1M	FDYB140CV1M	FDYB160CV1M
Capacity	Cooling capacity	Standard	kW	8.792	11.723	14.654	16.410
	Heating capacity	Standard	kW	8.792	11.723	15.533	16.410
EER / COP	Cooling / Heating			2.84 / 2.87	3.22 / 3.50	2.89 / 3.47	2.79 / 3.38
Annual energy consumption			kWh	1,548	1,822	2,535	2,942
Energy Label	cooling / heating			C / D	A / B	C / B	D / C
Dimensions	(Height x Width x Depth)		mm	378x929x541	378x1,045x541	378x1,299x541	378x1,499x541
Weight			kg	39	42	54	62
Air Flow Rate	Cooling	SH/HML	m³/min	26.64 / 24.9 / 22.38 / 20.94	33.72 / 30.00 / 28.32 / 27.48	42.78 / 37.68 / 37.08 / 35.94	48.12 / 45.90 / 43.02 / 41.58
Sound Power	Cooling	SH/HML	dBA	76 / 73 / 69 / 64	78 / 76 / 72 / 68	78 / 76 / 73 / 70	79 / 78 / 75 / 71
Sound Pressure	Cooling	SH/HML	dBA	49 / 46 / 42 / 38	51 / 49 / 45 / 41	53 / 52 / 50 / 47	55 / 53 / 50 / 47
Refrigerant			Type	R-22			
Power Supply				1~/220-240V/50Hz			

Outdoor Unit			RY90CY1M	RY125CY1M	RY140CY1M	RY160CY1M
Dimensions		(Height x Width x Depth)	mm	850x1,030x400		
Weight			kg	95	100	108
Operation Range	Cooling	Min~Max	°CDB	19.0~46.0		
	Heating	Min~Max	°CWB	-9.0~18.0		
Sound pressure			dBA	58		61
Refrigerant			Type	R-22		
Power Supply				3~/380-415V/50Hz		
Piping connections	Liquid (OD)/Gas	mm	9.52 / 15.9	9.52 / 19.1		12.7 / 19.1
Piping Length (Maximum)		m		45		35



FDYM-C / RY-C

Concealed Ceiling Unit



SLM3



FDYB-C



RY-CV1M



- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Double protection drainage system
- Slim design for flexible installation
- Compact indoor models and twin coil structure save installation space
- Easy operation and maintenance
- Multiple rooms conditioned via single fan coil unit
- Fresh air intake for healthy living
- Superior air distribution for comfortable living

HEAT PUMP

NON-INVERTER

Indoor Units				FDYM80CV1M	FDYM90CV1M	FDYM100CV1M	FDYM125CV1M	FDYM140CV1M	FDYM160CV1M													
Capacity	Cooling capacity	Standard	kW	2.780	3.600	5.570	6.890	7.913	8.792	8.792	10.257	11.137	11.137	9.818	11.723	11.723	14.654	16.410				
	Heating capacity	Standard	kW	2.780	3.600	5.800	7.030	8.206	8.792	8.792	8.499	8.792	8.792	10.550	11.280	11.280	10.257	11.723	11.723	15.533	16.410	
EER / COP	Cooling / Heating			3.09/3.52	2.84/3.39	2.94/3.14	2.63/2.77	2.56/3.11	2.85/2.87	2.86/2.88	2.73/3.11	3.12/80/282	2.81/284	3.11/3.19	3.29/3.25	3.29/3.28	3.01/3.14	3.14/3.41	3.62/3.17	3.65/3.29	2.90/3.49	2.73/3.30
Annual energy consumption			kWh	450	634	948	1,308	1,546	1,545	1,535	1577	1573	1,563	1,652	1,883	1,868	1,633	1,864	1,849	2,524	3,005	
Energy Label	cooling / heating			B / B	C / C	C / D	D / E	E/D	C/D	C/D	D/D	D/D	C/D	B/D	C/C	C/C	B/D	B/A	B/A	C / B	D / C	
Dimensions	(Height x Width x Depth)	mm		261x765x411	261x905x411	261x1,065x411	261x1,200x411	285x1,007x600	378x929x541		305x1,302x638	378x1,045x541	378x1,299x541	378x1,499x541								
Weight		kg		17	21	22	25	38	39		41	42	54	62								
Air Flow Rate	Cooling	High/Medium/Low	m³/min	8.52/7.38/6.24	14.46/12.48/10.20	18.96/16.12/16.68	18.96/21.54/16.68				-											
		SH/HML	m³/min			-		24.06/22.92/21.78/20.10	25.50/23.52/21.54/20.10	43.62/41.64/40.20/38.22	31.14/30.00/28.02/25.50	45.00/39.06/36.24/34.26	46.74/43.21/40.50/35.54									
Sound Power	Cooling	High/Medium/Low	dBA	57/54/51	61/58/52	65/64/60	66/64/61				-											
		SH/HML	dBA					67/64/61/57	76/73/69/64	80/76/73/70	78/76/72/68	78/76/73/70	79/78/75/71									
Sound Pressure	Cooling	High/Medium/Low	dBA	33/20/26	37/34/29	38/36/34	40/39/36				-											
		SH/HML	dBA			-		44/41/38/34	49/46/42/38	55/51/48/45	51/49/45/41	53/52/50/47	55/53/50/47									
Refrigerant			Type	R-22																		
Power Supply				1~/220-240V/50Hz																		

Outdoor Unit				RY30CV1M	RY40CV1M	RY60CV1M	RY71CV1M	RY80CV1M	RY90CV1M	RY100CV1M	RY125CV1M	RY140CV1M	RY160CV1M
Dimensions (Height x Width x Depth)				mm	540x700x250	648x855x328	750x855x328	850x1,030x400	850x1,030x400	850x1,030x400	850x1,030x400	850x1,030x400	850x1,030x400
Weight				kg	32	59	62	68	95	100	105	108	108
Operation Range	Cooling	Min~Max	°CDB	19.0~46.0									
	Heating	Min~Max	°CWB	-9.0~18.0									
Sound pressure				dBA	46	49	51	52	54	58	61	61	61
Refrigerant				R-22									
Power Supply				1~/220-240V/50Hz									
Piping connections				mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.9	9.52 / 15.9	9.52 / 19.1	9.52 / 19.1	12.7 / 19.1	12.7 / 19.1	12.7 / 19.1
Piping Length (Maximum)				m	12	15	15	15	45	45	35	35	35



FDYB-KA / RY-F

Concealed Ceiling Unit



BRC1C61

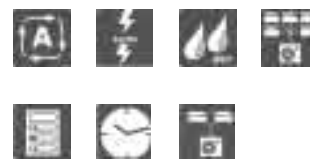


FDYB35KA



RY35F

- Compact dimensions, can easily be mounted in a ceiling void of only 270mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings.
- Quiet operation



HEAT PUMP

Indoor Units			
Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		- / -
Annual energy consumption			kWh
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Air Flow Rate	Cooling	High	m³/min
Sound Pressure	Heating	High/Low	dBA
Refrigerant			Type
Power Supply			1~/220-240V/50Hz

NON-INVERTER

FDYB35KAVE			
Capacity	Cooling capacity	Standard	3.75
	Heating capacity	Standard	4.22
EER / COP	Cooling / Heating		- / -
Annual energy consumption			-
Dimensions	(Height x Width x Depth)		260x900x580
Weight			22
Air Flow Rate	Cooling	High	13
Sound Pressure	Heating	High/Low	41 / 38
Refrigerant			R-22
Power Supply			1~/220-240V/50Hz

Outdoor Unit			
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Operation Range	Cooling	Min~Max	°CDB
	Heating	Min~Max	°CWB
Refrigerant			Type
Power Supply			1~/220-240/220V/50/60Hz
Piping connections	Liquid (OD)/Gas/Drain		mm
Piping Length (Maximum)			m

RY35FV1A			
Dimensions	(Height x Width x Depth)		540x750x270
Weight			41
Operation Range	Cooling	Min~Max	19.4~46
	Heating	Min~Max	-10~15.5
Refrigerant			R-22
Power Supply			1~/220-240/220V/50/60Hz
Piping connections	Liquid (OD)/Gas/Drain		6.35 / 12.7 / 18
Piping Length (Maximum)			20



FDYB-KA / RY-GA

Concealed Ceiling Unit



BRC1C61

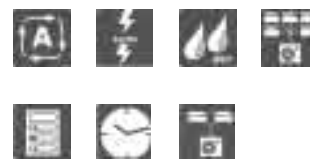


FDYB50KA



RY50GA

- Compact dimensions, can easily be mounted in a ceiling void of only 270mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings.
- Quiet operation



HEAT PUMP

NON-INVERTER

Indoor Units				FDYB50KAVE	FDYB60KAVE
Capacity	Cooling capacity	Standard	kW	5.20	6.15
	Heating capacity	Standard	kW	5.80	7.0
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	260x900x580	260x1,300x580
Weight			kg	23	31
Air Flow Rate	Cooling	High	m³/min	13	18
Sound Pressure	Heating	High/Low	dBA	41 / 38	43 / 40
Refrigerant			Type	R-22	
Power Supply				1~/220-240V/50Hz	

Outdoor Unit				RY60GAV1A	RY50GAV1A
Dimensions	(Height x Width x Depth)		mm	685x800x300	685x880x350
Weight			kg	51	75
Operation Range	Cooling	Min~Max	°CDB	20~46	
	Heating	Min~Max	°CWB	-10~15	
Refrigerant			Type	R-22	
Power Supply				1~/220-230-240V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	6.35 / 15.9 / 18	
Piping Length (Maximum)			m	30	



FDYB-KA / RY-LUV1

Concealed Ceiling Unit



BRC1C61

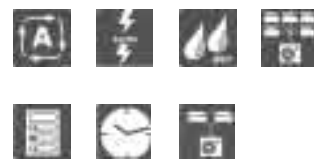


FDYB71KA



RY71LUV1

- Compact dimensions, can easily be mounted in a ceiling void of only 270mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings.
- Quiet operation



HEAT PUMP

Indoor Units

Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		- / -
Annual energy consumption			kWh
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Air Flow Rate	Cooling	High/Low	m³/min
Sound Pressure	Cooling	High	dBA
Refrigerant			Type
Power Supply			

NON-INVERTER

FDYB71KAVE

Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		- / -
Annual energy consumption			kWh
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Air Flow Rate	Cooling	High/Low	m³/min
Sound Pressure	Cooling	High	dBA
Refrigerant			Type
Power Supply			

Outdoor Unit

Dimensions	(Height x Width x Depth)		mm
Weight			kg
Refrigerant			Type
Power Supply			
Piping connections	Liquid (OD)/Gas/Drain		mm

RY71LUV1

Dimensions	(Height x Width x Depth)		mm
Weight			kg
Refrigerant			Type
Power Supply			
Piping connections	Liquid (OD)/Gas/Drain		mm



FDYB-KA / RY-LUY1

Concealed Ceiling Unit



BRC1C61

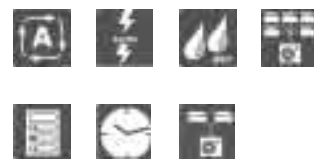


FDYB71KA



RY71LUY1

- Compact dimensions, can easily be mounted in a ceiling void of only 270mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings.
- Quiet operation



HEAT PUMP

Indoor Units

Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		- / -
Annual energy consumption			kWh
Dimensions	(Height x Width x Depth)		mm
Weight			kg
Air Flow Rate	Cooling	High/Low	m³/min
Sound Pressure	Cooling	High	dBA
Refrigerant			Type
Power Supply			

NON-INVERTER

FDYB71KAVE

		7.7
		7.9
		- / -
		-
		260x1300x580
		31
		18-18 / 15-15
		43-45
		R-22
		3~/380-415V/50Hz

Outdoor Unit

Dimensions	(Height x Width x Depth)	mm
Weight		kg
Refrigerant		Type
Power Supply		
Piping connections	Liquid (OD)/Gas/Drain	mm

RY71LUY1

		770x900x320
		72
		R-22
		3~/400V/50Hz
		9.52 / 15.9 / 26



FDY-KA / RY-KUY1

Concealed Ceiling Unit



BRC1C61

BRC4C62

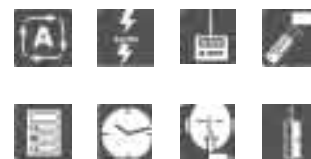


FDY10KAY1



RY250KUY1

- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor



HEAT PUMP

NON-INVERTER

Indoor Units				FDY06KAY1	FDY08KAY1	FDY10KAY1
Capacity	Cooling capacity	Standard	kW	14.2	22.2	27.1
	Heating capacity	Standard	kW	15.3	23.2	29.5
EER / COP	Cooling / Heating			- / -		
Annual energy consumption			kWh	-		
Dimensions	(Height x Width x Depth)		mm	450x1,130x850	500x1,130x850	500x1,330x850
Weight			kg	80	94	105
Air Flow Rate	Cooling	Medium	m³/min	52-52	68-68	83-83
Sound Pressure	Cooling	Medium	dBA	51-51		53-53
Refrigerant			Type	R-22		
Power Supply				3~/380-415V/50Hz	3~/380-415V/50Hz	

Outdoor Unit			RY140KUY1	RY200KUY1	RY250KUY1	
Dimensions	(Height x Width x Depth)		mm	1,345x880x370	1,220x1,280x690	1,440x1,280x690
Weight			kg	112	180	206
Operation Range	Cooling	Min~Max	°CDB	-5~46	0~50	
	Heating	Min~Max	°CWB	-10~15		
Refrigerant			Type	R-22		
Power Supply				3~/380-415V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 19.1 / 26		-	
	Liquid (OD)/Gas	mm	-		12.7 / 25.4	
Piping Length (Maximum)			m	50		



FDY-KA / RY-LUY1

Concealed Ceiling Unit



BRC1C61



BRC4C62

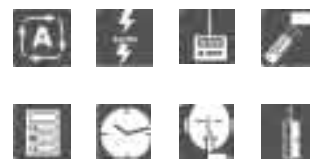


FDY06KAY1



RY140LUY1

- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor



HEAT PUMP

Indoor Units

Capacity	Cooling capacity	Standard	kW
	Heating capacity	Standard	kW
EER / COP	Cooling / Heating		
Annual energy consumption	kWh		
Dimensions	(Height x Width x Depth)		
Weight	kg		
Air Flow Rate	Cooling	Medium	m ³ /min
Sound Pressure	Cooling	Medium	dBA
Refrigerant	Type		
Power Supply			

NON-INVERTER

FDY06KAY1

Capacity	14.2
Heating capacity	15.3
EER / COP	- / -
Annual energy consumption	-
Dimensions	450x1,130x850
Weight	80
Air Flow Rate	52-52
Sound Pressure	51-51
Refrigerant	R-22
Power Supply	3~/380-415V/50Hz

Outdoor Unit

Dimensions	(Height x Width x Depth)	mm
Weight	kg	
Refrigerant	Type	
Power Supply		
Piping connections	Liquid (OD)/Gas/Drain	mm

RY140LUY1

Dimensions	1345x900x320
Weight	112
Refrigerant	R-22
Power Supply	3~/400V/50Hz
Piping connections	9.52 / 19.1 / 26



FDYM-FA / RY-LUV1

Concealed Ceiling Unit



BRC1C61

BRC4C62



FDYM04FA



RY100LUV1

- Slim design for flexible installation
- Ideal for use in larger areas
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

NON-INVERTER

Indoor Units				FDYM03FAV1	FDYM04FAV1
Capacity	Cooling capacity	Standard	kW	7.8(1)/7.7(2)/7.7(3)	10.5(1)/10.4(2)/10.4(3)
	Heating capacity	Standard	kW	7.9(1)/7.9(2)/7.9(3)	11.2(1)/11.2(2)/11.2(3)
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	295x1,100x680	295x1,500x680
Weight			kg	42	56
Air Flow Rate	Cooling	High	m³/min	20-22	26-28
Sound Pressure	Cooling	High	dBA	39-41	
Refrigerant			Type	R-22	
Power Supply				3~/380-415V/50Hz	3~/380-415V/50Hz

Outdoor Unit			RY71LUV1	RY100LUV1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1,170x900x320
Weight		kg	73	89
Refrigerant			R-22	
Power Supply			1~/220-240V/50Hz	
Piping connections			9.52/15.9/26	9.52/19.1/26

Note (1) cooling: at indoor temperature: 27°CDB/19.5°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB, outdoor temperature: 7°CDB/6°CWB

Note (2) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 20°CDB, outdoor temperature: 7°CDB/6°CWB

Note (3) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB, outdoor temperature: 7°CDB/6°CWB



FDYM-FA / RY-LUY1

Concealed Ceiling Unit



BRC1C61

BRC4C62



FDYM04FA



RY100LUY1

- Slim design for flexible installation
- Ideal for use in larger areas
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

NON-INVERTER

Indoor Units				FDYM03FAV1	FDYM04FAV1	FDYM05FAV1
Capacity	Cooling capacity	Standard	kW	7.8(1)/7.7(2)/7.7(3)	10.5(1)/10.4(2)/10.4(3)	13.0(1)/12.8(2)/12.8(3)
	Heating capacity	Standard	kW	7.9(1)/7.9(2)/7.9(3)	11.2(1)/11.2(2)/11.2(3)	14.2(1)/14.2(2)/14.2(3)
EER / COP	Cooling / Heating			- / -		
Annual energy consumption			kWh	-		
Dimensions	(Height x Width x Depth)		mm	295x1,100x680	295x1,500x680	
Weight			kg	42	56	57
Air Flow Rate	Cooling	High	m³/min	20-22	26-28	35-40.5
Sound Pressure	Cooling	High	dBA	39-41		44-46
Refrigerant			Type	R-22		
Power Supply				3~/380-415V (4 wires)V/50Hz	3~/380-415V/50Hz	3~/380-415V (4 wires)V/50Hz

Outdoor Unit			RY71LUY1	RY100LUY1	RY125LUY1
Dimensions	(Height x Width x Depth)	mm	770x900x320	1,170x900x320	
Weight		kg	72	86	101
Refrigerant			R-22		
Power Supply			3~/380-415V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26	9.52 / 19.1 / 26	

Note (1) cooling: at indoor temperature: 27°CDB/19.5°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB, outdoor temperature: 7°CDB/6°CWB

Note (2) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 20°CDB, outdoor temperature: 7°CDB/6°CWB

Note (3) cooling: at indoor temperature: 27°CDB/19.0°CWB, outdoor temperature: 35°CDB/24°CWB; heating: at indoor temperature 21°CDB, outdoor temperature: 7°CDB/6°CWB



FDYM-F / RY-LUY1

Concealed Ceiling Unit



BRC1C61

BRC4C62



FDYM06F



RY140LUY1

- Slim design for flexible installation
- Ideal for use in larger areas
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



HEAT PUMP

Indoor units				FDYM06FAV1	
Capacity	Cooling capacity	Standard	kW	14.2	
	Heating capacity	Standard	kW	16.3	
EER / COP	Cooling / Heating			- / -	
Annual energy consumption			kWh	-	
Dimensions	(Height x Width x Depth)		mm	295x1,500x680	
Weight			kg	57	
Air Flow Rate	Cooling	High	m³/min	37-42	
Sound Pressure	Cooling	High	dBA	46-48	
Refrigerant			Type	R-22	
Power Supply				3~/380-415V (4 wires)V/50Hz	

Outdoor Unit			RY140LUY1
Dimensions	(Height x Width x Depth)	mm	1345x900x320
Weight		kg	112
Refrigerant		Type	R-22
Power Supply			3~/400V/50Hz
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 19.1 / 26



UATP-A

Rooftop



UATP-A

- 'Plug and Play' installation: the single unit configuration requires no additional piping work as both the indoor and outdoor sides are pre-connected.
- Refrigerant is factory pre-charged to ensure clean and efficient operation.
- The air volume and static pressure required can be adjusted according to the requirement because of the use of a belt driven fan.
- The flat top design of the unit allows for maximum utilization of warehouse and container space.
- High efficiency and reliable scroll compressor.
- Convertible: fan can be mounted in two directions (Class 240-280-320-450-560).
- Coil with anti-corrosion treatment.

COOLING ONLY

NON-INVERTER

Outdoor Units				UATP180AMY1	UATP240AMY1	UATP280AMY1	UATP320AMY1	UATP450AMY1	UATP560AMY1	UATP700AMY1	UATP850AMY1	UATPC10AMY1	UATPC12AMY1
Capacity	Cooling	Minimum	kW	17.291	21.101	27.842	32.238	41.030	55.684	67.406	82.939	97.007	121.624
		Nominal	kW	5.89	8.70	11.60	12.18	17.20	25.10	28.70	40.16	41.87	48.80
EER	Cooling			2.94	2.43	2.40	2.65	2.39	2.22	2.35	2.07	2.32	2.49
Air Flow Rate evaporator	Cooling		m³/min	51	80	100	102	160	190	227	263	312	354
External Static Pressure			Pa	98				196		294			
Condensation Drain Size	Diameter		mm	25.4									
Casing	Colour			Light Grey									
	Material			Electro galvanised mild steel									
Dimensions	HxWxD	mm		1000x1100x1530	1000x1300x1530			1200x1990x1670		1735x2250x2800		1974x2252x3180	
Weight	Unit	kg		295	370	400	425	665	765	1200	1350	1510	1600
Air Flow Rate condensor	Cooling		m³/min	127	160		227	320		566			
Operation Range	Cooling	Min-Max	°CDB	20°C - 46°C									
Sound Level	Sound Power		dBA	63	65	66	68	70	70	74	74	80	80
Refrigerant	Type			R-407C									
Power Supply				3~/50Hz/380-415V									



UATYP-A

Rooftop



UATYP-A

- 'Plug and Play' installation: the single unit configuration requires no additional piping work as both the indoor and outdoor sides are pre-connected.
- Refrigerant is factory pre-charged to ensure clean and efficient operation.
- The air volume and static pressure required can be adjusted according to the requirement because of the use of a belt driven fan.
- The flat top design of the unit allows for maximum utilization of warehouse and container space.
- High efficiency and reliable scroll compressor.
- Convertible: fan can be mounted in two directions (Class 240-280-320-450-560).
- Coil with anti-corrosion treatment.

HEAT PUMP

NON-INVERTER

Outdoor Units				UATYP180AMY1	UATYP240AMY1	UATYP280AMY1	UATYP320AMY1	UATYP450AMY1	UATYP560AMY1	UATYP700AMY1	UATYP850AMY1	UATYPC10AMY1	UATYPC12AMY1
Capacity	Cooling	Minimum	kW	16.705	21.101	25.790	29.307	43.668	55.684	67.406	82.939	101.110	109.609
	Heating	Nominal	kW	20.222	22.566	29.89	35.755	46.891	67.406	74.733	92.317	102.290	126.314
EER	Cooling			2.44	2.51	2.38	2.28	2.64	2.63	2.31	2.17	2.34	2.27
COP	Heating			3.06	2.99	3.05	3.11	2.98	3.32	2.85	2.65	2.45	2.70
Air Flow Rate evaporator	Cooling		m³/min	51	80	100	102	160	190	226	263	312	354
External Static Pressure			Pa	98				196		294			
Condensation Drain Size	Diameter	(OD)	mm					25.4					
Casing	Colour	Light Grey											
	Material	Electro galvanised mild steel											
Dimensions	Unit	HxWxD	mm	1000x1100x1530				1200x1990x1800		1735x2250x2800		1974x2252x3180	
Weight	Unit		kg	320	385	415	440	700	800	12000	1350	1510	1600
Air Flow Rate condensor	Cooling		m³/min	127	160		283	320		566			
Operation Range	Cooling	Min-Max	°CDB	20°C – 46°C									
	Heating	Min-Max	°CWD	-15°C – 20°C									
Sound Level	Sound Power		dBA	63	65	66	68	70	70	74	74	80	80
Refrigerant	Type	R-407C											
Power Supply				3~/50Hz/380-415V									



UAT-K

Rooftop



UAT08,09,10K



- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions
- Easy to install on rooftop or veranda, requiring only ducting, power line and drain piping

COOLING ONLY

NON-INVERTER

Outdoor Units				UAT06KAY1	UAT08KAY1	UAT09KAY1	UAT10KAY1	UAT15KAY1	UAT18KAY1	UAT21KAY1
Capacity	Cooling	Nominal	kW	17.7	22.0	26.4	31.4	43.9	52.7	61.6
Air Flow Rate Evaporator	Cooling		m³/min	52	68		83	136		166
External Static Pressure			Pa	88		98			147	
Casing	Colour			Ivory White						
	Material			Painted galvanised steel						
Dimensions	Unit	HxWxD	mm	1,490x690x1,750	1,270x1,600x1,280		1,490x1,600x1,280	1,270x1,980x1,980		1,490x1,980x1,980
Weight	Unit		kg	218	313	316	330	626	632	660
Air Flow Rate Condensor	Cooling		m³/min	90	150		175	150x2		175x2
Operation Range	Cooling	Min-Max	°CDB	21°C~52°C						
Refrigerant	Type			R-22						
Power Supply				3~/380-415V/50Hz						



UATY-K

Rooftop



- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions
- Easy to install on rooftop or veranda, requiring only ducting, power line and drain piping



HEAT PUMP

NON-INVERTER

Outdoor Units				UATY06KAY1	UATY08KAY1	UATY09KAY1	UATY10KAY1	UATY15KAY1	UATY18KAY1	UATY21KAY1
Capacity	Cooling	Nominal	kW	17.7	22.0	26.4	31.4	43.9	52.7	61.6
	Heating	Nominal	kW	18.1	23.0	26.9	32.1	46.1	54.2	62.8
Air Flow Rate Evaporator	Cooling		m³/min	52	68		83	136		166
External Static Pressure			Pa	88	98			147		
Casing	Colour	Ivory White								
	Material	Painted galvanised steel								
Dimensions	Unit	HxWxD	mm	1,490x690x1,750	1,270x1,600x1,280		1,490x1,600x1,280	1,270x1,980x1,980		1,490x1,980x1,980
Weight	Unit		kg	230	326	329	344	650	656	686
Air Flow Rate Condensor	Cooling		m³/min	90	150		175	150x2		175x2
Operation Range	Cooling	Min-Max	°CDB	5°C~52°C						
	Heating	Min-Max	°CWB	-10°C~15.5°C						
Refrigerant	Type	R-22								
Power Supply				3~/380-415V/50Hz						



UAT-H

Rooftop



- Outdoor units are fitted with a scroll compressor, renowned for low noise and high energy efficiency.
- A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions
- Easy to install on rooftop or veranda, requiring only ducting, power line and drain piping



COOLING ONLY

Outdoor Units			
Capacity	Cooling	Nominal	kW
Air Flow Rate Evaporator	Cooling		m³/min
External Static Pressure			Pa
Casing	Colour		
	Material		
Dimensions	Unit	HxWxD	mm
Weight	Unit		kg
Air Flow Rate Condensor	Cooling		m³/min
Operation Range	Cooling	Min-Max	°CDB
Refrigerant	Type		
Power Supply			

NON-INVERTER

UAT30HY1			
97.1			
295			
88			
Ivory White			
Painted galvanised steel			
1,755x2,680x1,340			
1,080			
750			
20°C~52°C			
R-22			
3~/380-415V/50Hz			





Multi Model Applications

Multi model application
MXS-E/G/F

88



MXS-E/G/F

Multi Model Application Inverter Controlled



CONNECTABLE INDOOR UNITS

	2MXS40G	2MXS50G	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Stylish wall mounted unit	FTXG25,35E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E	FTXG25,35E/CTXG50E
Wall mounted unit	FTXS20,25,35G	FTXS20,25,35,42,50G	FTXS20,25,35,42,50G	FTXS20,25,35,42,50G	FTXS20,25,35,42,50G	FTXS20,25,35,42,50G	FTXS20,25,35,42,50G
	-	-	-	FTXS60F	FTXS60F	FTXS60,71F	FTXS60,71F
Slim concealed ceiling unit	FDXS25,35E	FDXS25,35E	FDXS25,35E	FDXS25,35E	FDXS25,35E	FDXS25,35E	FDXS25,35E
	-	FDXS50C	FDXS50C	FDXS50C	FDXS50C	FDXS50C	FDXS50C
Round flow cassette	-	-	FCQ35,50C	FCQ35,50C	FCQ35,50C	FCQ35,50C	FCQ35,50C
4-way blow ceiling mounted cassette (600x600)	-	FFQ25,35,50B	FFQ25,35,50B	FFQ25,35,50,60B	FFQ25,35,50,60B	FFQ25,35,50,60B	FFQ25,35,50,60B
Concealed ceiling unit	-	-	FBQ35,50B	FBQ35,50,60B	FBQ35,50,60B	FBQ35,50,60B	FBQ35,50,60B
4-way blow ceiling suspended cassette	-	-	FHQ35,50B	FHQ35,50,60B	FHQ35,50,60B	FHQ35,50,60B	FHQ35,50,60B

HEAT PUMP

Indoor Units			FTXG25EV1BW	FTXG25EV1BS	FTXG35EV1BW	FTXG35EV1BS
Dimensions	(Height x Width x Depth)		275x840x150			
Weight			9.0			
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	7.7 / 6.1 / 4.7 / 3.8		8.1 / 6.5 / 4.9 / 4.1	
	Heating	High/Medium/Low/Silent Operation	9.0 / 7.9 / 6.7 / 5.4		9.6 / 8.2 / 6.7 / 5.9	
Sound Power	Cooling	High	56.0		57.0	
	Heating	High	56.0		57.0	
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	38.0 / 32.0 / 25.0 / 22.0		39.0 / 33.0 / 26.0 / 23.0	
	Heating	High/Medium/Low/Silent Operation	38.0 / 33.0 / 28.0 / 25.0		39.0 / 34.0 / 29.0 / 29.0	
Refrigerant	Type		R-410A			
Power Supply			1~/220-240V/50Hz			

HEAT PUMP

Indoor Units			CTXG50EV1BW	CTXG50EV1BS
Dimensions	(Height x Width x Depth)	mm	275x840x150	
Weight		kg	9.0	
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	11.3 / 9.1 / 7.1 / 6.7	
	Heating	High/Medium/Low/Silent Operation	12.6 / 10.6 / 8.7 / 7.7	
Sound Power	Cooling	High	64.0	
	Heating	High	64.0	
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	47.0 / 41.0 / 35.0 / 32.0	
	Heating	High/Medium/Low/Silent Operation	47.0 / 41.0 / 35.0 / 32.0	
Refrigerant		Type	R-410A	
Power Supply			1~/220-240V/50Hz	

HEAT PUMP

Indoor Units			FTXS20G2V1B	FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B	FTXS50G2V1B
Dimensions	(Height x Width x Depth)	mm	295x800x215				
Weight		kg	9		10		
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	9.4 / 7.4 / 5.5 / 4.0	9.1 / 7.1 / 5.2 / 3.7	10.4 / 7.7 / 4.8 / 3.5	9.1 / 7.7 / 6.3 / 5.4	10.2 / 8.6 / 7.0 / 6.0
	Heating	High/Medium/Low/Silent Operation	9.9 / 8.2 / 6.5 / 5.5	9.8 / 7.9 / 6.2 / 5.2	10.6 / 8.5 / 6.4 / 5.4	11.2 / 9.4 / 7.7 / 6.8	11.0 / 9.3 / 7.6 / 6.7
Sound Power	Cooling	High	54		58		59
	Heating	High	54	55	58		60
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	38 / 32 / 25 / 22		42 / 36 / 29 / 23	42 / 38 / 33 / 30	43 / 39 / 34 / 31
	Heating	High/Medium/Low/Silent Operation	38 / 33 / 28 / 25	39 / 34 / 28 / 25	42 / 36 / 29 / 26	42 / 38 / 33 / 30	44 / 39 / 34 / 31
Refrigerant		Type	R-410A				
Power Supply			1~/220-230-240V/50Hz				



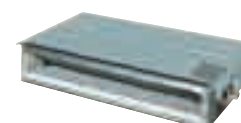
HEAT PUMP

Indoor Units			FTXS60FV1B	FTXS71FV1B
Dimensions	(Height x Width x Depth)	mm	290x1050x238	
Weight		kg	12	
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	16.2 / 13.6 / 11.4 / 10.2	
	Heating	High/Medium/Low/Silent Operation	17.4 / 15.1 / 12.7 / 11.4	
Sound Power	Cooling	Medium	61	
	Heating	Medium	60	
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	45 / 41 / 36 / 33	
	Heating	High/Medium/Low/Silent Operation	44 / 40 / 35 / 32	
Refrigerant		Type	R-410A	
Power Supply			1~/220-240V/50Hz	



HEAT PUMP

Indoor Units			FDXS25EAVMB	FDXS35EAVMB
Dimensions	(Height x Width x Depth)	mm	200x700x620	
Weight		kg	21.0	
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	8.7 / 8.0 / 7.3 / 6.2	
	Heating	High/Medium/Low/Silent Operation	8.7 / 8.0 / 7.3 / 6.2	
Sound Power	Cooling	High	53.0	
	Heating	High	53.0	
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	35.0 / 33.0 / 31.0 / 29.0	
	Heating	High/Medium/Low/Silent Operation	35.0 / 33.0 / 31.0 / 29.0	
Refrigerant		Type	R-410A	
Power Supply			1~/220-240/220-230V/50/60Hz	



HEAT PUMP

Indoor Units			FDXS50CVMB	FDXS60CVMB
Dimensions	(Height x Width x Depth)	mm	200x900x620	200x1100x620
Weight		kg	27.0	30.0
Air Flow Rate	Cooling	High/Medium/Low/Silent Operation	12.0 / 11.0 / 10.0 / 8.4	16.0 / 14.8 / 13.5 / 11.2
	Heating	High/Medium/Low/Silent Operation	12.0 / 11.0 / 10.0 / 8.4	16.0 / 14.8 / 13.5 / 11.2
Sound Power	Cooling	High	55.0	56.0
	Heating	High	55.0	56.0
Sound Pressure	Cooling	High/Medium/Low/Silent Operation	37.0 / 35.0 / 33.0 / 31.0	38.0 / 36.0 / 34.0 / 32.0
	Heating	High/Medium/Low/Silent Operation	37.0 / 35.0 / 33.0 / 31.0	38.0 / 36.0 / 34.0 / 32.0
Refrigerant		Type	R-410A	
Power Supply			220-240/220-230V/50/60Hz	



HEAT PUMP

Indoor Units			FBQ35B8V1	FBQ50B8V1	FBQ60B8V1
Dimensions	(Height x Width x Depth)	mm	300x700x800		
Weight		kg	30	31	41
Air Flow Rate	Cooling	High/Low	11.5 / 9	14 / 10	19 / 14
	Heating	High/Low	11.5 / 9	14 / 10	19 / 14
Sound Power	Cooling	High	52	53	60
	Heating	High	52	53	60
Sound Pressure	Cooling	High/Low	33 / 29		
	Heating	High/Low	33 / 29		
Refrigerant		Type	R-410A		
Power Supply			1~/230V/50Hz		



HEAT PUMP

Indoor Units			FFQ25B8V1B	FFQ35B8V1B	FFQ50B8V1B	FFQ60B8V1B
Dimensions	(Height x Width x Depth)	mm	286x575x575			
Weight		kg	17.5			
Air Flow Rate	Cooling	High/Low	m³/min	9.0 / 6.5	10.0 / 6.5	12.0 / 8.0
	Heating	High/Low	m³/min	9.0 / 6.5	10.0 / 6.5	12.0 / 8.0
Sound Power	Cooling	High	dBA	46.5	49.0	53.0
	Heating	High/Low	dBA	29.5 / 24.5	32.0 / 25.0	36.0 / 27.0
Sound Pressure	Cooling	High/Low	dBA	29.5 / 24.5	32.0 / 25.0	36.0 / 27.0
	Heating	High/Low	dBA	29.5 / 24.5	32.0 / 25.0	36.0 / 27.0
Refrigerant		Type	R-410A			
Power Supply			1~/230V/50Hz			



HEAT PUMP

Indoor Units			FCQ35C7VEB	FCQ50C7VEB	FCQ60C7VEB
Dimensions	(Height x Width x Depth)	mm	204x840x840		
Weight		kg	19		
Air Flow Rate	Cooling	High/Low	m³/min	10.5 / 8.5	12.5 / 8.5
	Heating	High/Low	m³/min	12.5 / 10.0	13.5 / 8.5
Sound Power	Cooling	High	dBA	49	51
	Heating	High/Low	dBA	31 / 27	33 / 28
Sound Pressure	Cooling	High/Low	dBA	31 / 27	33 / 28
	Heating	High/Low	dBA	31 / 27	33 / 28
Refrigerant		Type	R-410A		
Power Supply			1~/220-240V/50/60Hz		



HEAT PUMP

Indoor Units			FHQ35BVV1B	FHQ50BVV1B	FHQ60BVV1B
Dimensions	(Height x Width x Depth)	mm	195x960x680		195x1160x680
Weight		kg	24.0	25.0	27.0
Air Flow Rate	Cooling	High/Low	m³/min	13.0 / 10.0	17.0 / 13.0
	Heating	High/Low	m³/min	13.0 / 10.0	16.0 / 13.0
Sound Power	Cooling	High/Low	dBA	53.0 / 48.0	55.0 / 49.0
	Heating	High/Low	dBA	53.0 / 48.0	55.0 / 49.0
Sound Pressure	Cooling	High/Low	dBA	37.0 / 32.0	39.0 / 33.0
	Heating	High/Low	dBA	37.0 / 32.0	39.0 / 33.0
Refrigerant		Type	R-410A		
Power Supply			1~/220-240V/50Hz		



HEAT PUMP

INVERTER

Outdoor Unit			2MXS40G2V1B	2MXS50G2V1B	3MXS68G2V1B
Dimensions	(Height x Width x Depth)	mm	550x765x285		735x936x300
Weight		kg	38	42	58
Operation Range	Cooling	Min~Max	10~46		-10~46
	Heating	Min~Max	°CWB		-15~15.5
Sound Power	Cooling	dBA	62	63	61
Sound Pressure (Low)	Cooling	dBA	43	44	-
	Heating	dBA	44	46	-
Sound Pressure (High)	Cooling	dBA	47	48	-
	Heating	dBA	48	50	49
Refrigerant		Type	R-410A		
Power Supply			1~/220-240V/50Hz		1~/230V/50Hz
Piping connections	Liquid (OD)/Gas/Drain	mm	6.35 / 9.5 / 18		
Piping Length (Maximum)		m	30 (for total of each room) 20 (for 1 room)		60 (for total of each room) 25 (for 1 room)
Max. internunit level difference		m	7.5		



HEAT PUMP

INVERTER

Outdoor Unit			3MXS52E2V1B	4MXS68F2V1B	4MXS80E7V3B	5MXS90E7V3B
Dimension	HxWxD	mm	735x936x300	735x936x300	770x900x320	770x900x320
Weight		kg	49	58	72	73
Operation range	Cooling	Min~Max	°CDB	-10~46	-10~46	-10~46
	Heating	Min~Max	°CDB	-15~15.5	-15~15.5	-15~15.5
Sound Power	Cooling		dB(A)	59	61	62
Sound Pressure (low)	Cooling		dB(A)	-	-	-
	Heating		dB(A)	-	-	-
Sound Pressure (high)	Cooling		dB(A)	46	48	48
	Heating		dB(A)	47	49	49
Refrigerant		Type	R-410A			
Piping Connection	Liquid (OD)/Gas/Drain	mm	6.35 / 9.5 / 18	6.35 / 9.5 / 18	6.35 / 9.5 / 25	6.35 / 9.5 / 25
Piping Length (Maximum)		m	50	60	70	75
Max. internunit leve difference		m	7.5	7.5	7.5	7.5



VRV[®] III-S

VRV[®] III

VRV[®]-WII

OUTDOOR UNITS

Mini VRV[®]

RXYSQ4-6PA7Y1B 94

RXYSQ4-6PA7V1B 95

VRV[®]III

RXYQ5-54P7W1B(A) 96

VRV-WII[®]

RWEYQ-MY1 98

VRV-III[®] heat recovery

REYQ8-48P8Y1B 100

INDOOR UNITS

1. Cassette units

FXFQ-P7VEB 102

FXZQ-M8V1B 103

FXCQ-M8V3B 104

FXKQ-MAVE 105

2. Concealed ceiling units

FXDQ-M8V3B 106

FXDQ-PVE/NAVE 107

FXSQ-M8V3B 108

FXMQ-PVE 109

FXMQ-MAVE 110

3. Wall mounted units

FXAQ-MAVE 111

4. Ceiling suspended units

FXHQ-MAVE 112

FXUQ-MAV1 113

5. Floor standing units

FXNQ-MAVE 114

FXLQ-MAVE 115



RXYSQ4-6PA7V1B

VRV[®]III-S Inverter Heat Pump



RXYSQ4-5-6PA7V1B

- High COP values
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Super wide range of indoor units
- Power consumption limit setting
- Silent operation
- Small capacities - 4, 5 & 6HP
- Slim & flexible design
- Space saving outdoor unit

HEAT PUMP

Outdoor Unit			RXYSQ4PA7V1B	RXYSQ5PA7V1B	RXYSQ6PA7V1B
Capacity range			4	5	6
Capacity	Cooling	HP	11.2	14.0	15.5
	Heating	kw	12.5	16.0	18.0
Dimensions	(Height x Width x Depth)		1,345x900x320		
Weight			120		
Sound Level	Sound Power	Cooling	66	67	69
		Cooling	50	51	53
	Heating		52	53	55
Operation Range	Cooling	Min~Max	°CDB -5~46		
	Heating	Min~Max	°CWB -20~15.5		
Refrigerant			R-410A		
Power Supply			1N~/220-240V/50Hz		
Max n° of indoor units to be connected			6	8	9
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26 x 3		
Max total length			300		



RXYSQ4-6PA7Y1B

VRV[®]III-S Inverter Heat Pump



RXYSQ4-5-6PA7Y1B

- High COP values
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Super wide range of indoor units
- Power consumption limit setting
- Silent operation
- Small capacities - 4, 5 & 6HP
- Slim & flexible design
- Space saving outdoor unit

HEAT PUMP

Outdoor Unit			RXYSQ4PA7Y1B	RXYSQ5PA7Y1B	RXYSQ6PA7Y1B
Capacity range			4	5	6
Capacity	Cooling	HP	11.2	14.0	15.5
	Heating	kw	12.5	16.0	18.0
Dimensions	(Height x Width x Depth)		1,345x900x320		
Weight			120		
Sound Level	Sound Power	Cooling	66	67	69
		Cooling	50	51	53
	Heating	dB	52	53	55
Operation Range	Cooling	Min~Max	-5~46		
	Heating	Min~Max	-20~15.5		
Refrigerant			R-410A		
Power Supply			3N~/380-415V/50Hz		
Max n° of indoor units to be connected			6	8	9
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26 x 3		
Max total length			300		



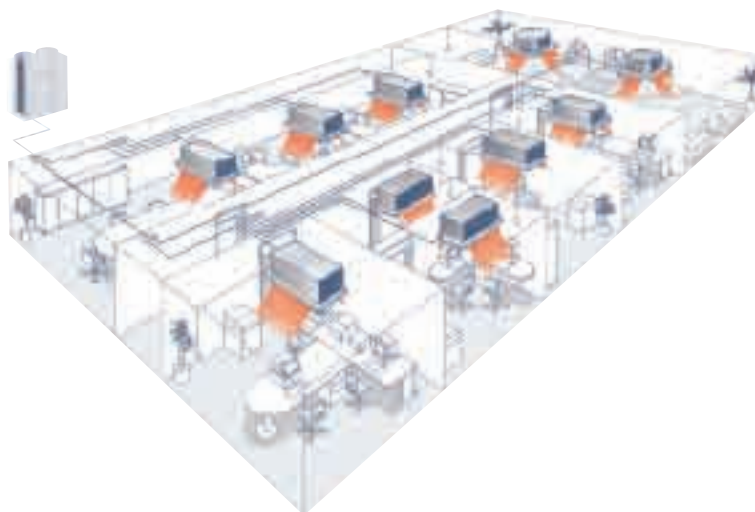
RXYQ5-54P7W1B(A)

VRV[®]III Inverter Heat Pump Small Footprint Combination

- Increased outdoor unit capacity up to 54 HP
- Wide range of indoor units: 13 different models in a total of 75 variations
- Flexible combination of outdoor units: small footprint combination, high COP combination or any other combination of your choice
- Compact size of outdoor units
- Increased EER/COP
- Increased external static pressure: up to 78.4Pa
- 2 steps in night quiet mode: eg. 10HP: 58 dBA, 1st step: 54dBA, 2nd step: 45dBA
- In line with RoHS
- Easy combination with HRV
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-IF
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Quiet operation
- Leak detection function



RXYQ44-46-48P7W1B(A)



RXYQ-P(A)		RXYQ20P7W1B	RXYQ22P7W1B	RXYQ24P7W1B	RXYQ26P7W1BA	RXYQ28P7W1BA	RXYQ30P7W1BA	RXYQ32P7W1BA	RXYQ34P7W1BA	RXYQ36P7W1BA
Modules	RXYQ8P7W1B	1			1					
	RXYQ10P7W1B		1			1				
	RXYQ12P7W1B	1	1	2			1			
	RXYQ14P7W1BA							1		
	RXYQ16P7W1BA								1	
	RXYQ18P7W1BA				1	1	1	1	1	2

RXYQ-P(A)		RXYQ38P7W1BA	RXYQ40P7W1BA	RXYQ42P7W1BA	RXYQ44P7W1BA	RXYQ46P7W1BA	RXYQ48P7W1BA	RXYQ50P7W1BA	RXYQ52P7W1BA	RXYQ54P7W1BA
Modules	RXYQ8P7W1B	1			1					
	RXYQ10P7W1B		1			1				
	RXYQ12P7W1B	1	1	2			1			
	RXYQ14P7W1BA							1		
	RXYQ16P7W1BA								1	
	RXYQ18P7W1BA	1	1	1	2	2	2	2	2	3



RXYQ5-54P7W1B(A)

VRV®III Inverter Heat Pump Small Footprint Combination

HEAT PUMP

RXYQ-P(A)				5	8	10	12	14	16	18
Capacity range			HP	5	8	10	12	14	16	18
Capacity	Cooling	kw	14.0	22.4	28.0	33.5	40.0	45.0	49.0	
	Heating	kw	16.0	25.0	31.5	37.5	45.0	50.0	56.5	
Power input (nominal)	Cooling	kw	3.52	5.56	7.42	9.62	12.4	14.2	16.2	
	Heating	kw	4.00	5.86	7.70	9.44	11.30	12.90	15.30	
Dimensions		(Height x Width x Depth)	mm	1,680x635x765		1,680x930x765		1,680x1,240x765		
Weight			kg	159	187	240		316		324
Sound Level	Sound Power	Cooling	dBA	72	78		80			83
	Sound Pressure	Cooling	dBA	54	57	58	60			63
Operation Range	Cooling	Min~Max	CDB	-5.0~-43.0						
	Heating	Min~Max	CWD	-20.0~-15.0						
Refrigerant				R-410A						
Power Supply				3N~/400V/50Hz						
Max n° of indoor units to be connected				8	13	16	19	23	26	29
Piping connections	Liquid (OD)/Gas	mm	9.52 / 15.9	9.52 / 19.1	9.52 / 22.2	12.7 / 28.6				15.9 / 28.6
Max. total length				1000						

HEAT PUMP

RXYQ-P(A)				20	22	24	26	28	30	32	34	36
Capacity range			HP	20	22	24	26	28	30	32	34	36
Capacity	Cooling	kw	55.9	61.5	67.0	71.4	77.0	82.5	89.0	94.0	98.0	
	Heating	kw	62.5	69.0	75.0	81.5	88.0	94.0	102.0	107.0	113.0	
Power input (nominal)	Cooling	kw	15.2	17.0	19.2	21.8	23.6	25.8	28.6	30.4	32.4	
	Heating	kw	15.30	17.1	18.9	21.2	23.0	24.7	26.6	28.2	30.6	
Dimensions (Height x Width x Depth)			mm	-								
Weight			kg	-								
Sound Level	Sound Power	Cooling	dBA	-								
	Sound Pressure	Cooling	dBA	-								
Operation Range	Cooling	Min~Max	CDB	-5.0~-43.0								
	Heating	Min~Max	CWD	-20.0~-15.0								
Refrigerant				R-410A								
Power Supply				3N~/400V/50Hz								
Max n° of indoor units to be connected				32	35	39	42	45	49	52	55	58
Piping connections	Liquid (OD)/Gas	mm	15.9 / 28.6		15.9 / 34.9		19.1 / 34.9				19.1 / 41.3	
Max. total length			m	1000								

HEAT PUMP

RXYQ-P(A)				38	40	42	44	46	48	50	52	54
Capacity range			HP	38	40	42	44	46	48	50	52	54
Capacity	Cooling	kw		105.0	111.0	116.0	120.0	126.0	132.0	138.0	143.0	147.0
	Heating	kw		119.0	126.0	132.0	138.0	145.0	151.0	158.0	163.0	170.0
Power input (nominal)	Cooling	kw		31.4	33.2	35.4	38.0	39.8	42.0	44.8	46.6	48.6
	Heating	kw		30.6	32.4	34.2	36.5	38.3	40.0	41.9	43.5	45.9
Dimensions	(Height x Width x Depth)		mm	-								
Weight			kg	-								
Sound Level	Sound Power	Cooling	dBA	-								
	Sound Pressure	Cooling	dBA	-								
Operation Range	Cooling	Min~Max	CDB	-5.0~-43.0								
	Heating	Min~Max	CWD	-20.0~-15.0								
Refrigerant				R-410A								
Power Supply				3N~/400V/50Hz								
Max n° of indoor units to be connected				61	64							
Piping connections	Liquid (OD)/Gas		mm	19.1/41.3								
Max. total length			m	1000								



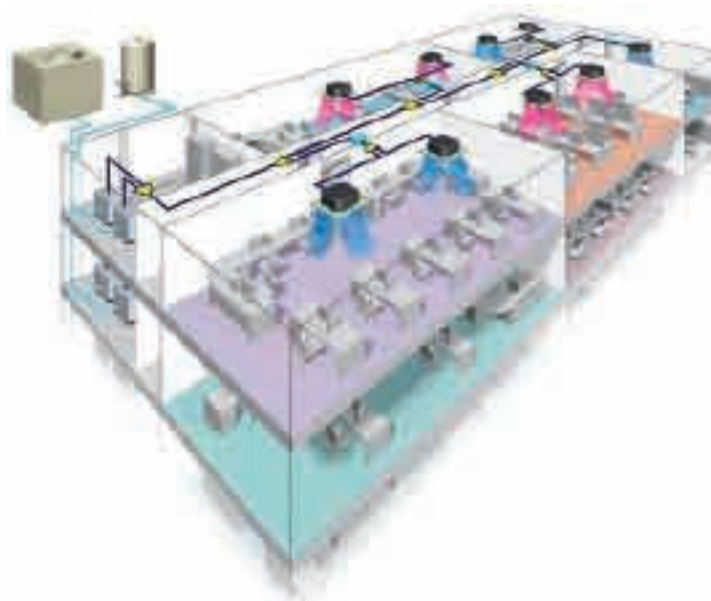
RWEYQ10-30MY1

Water Cooled VRV®

- 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 models in a total of 75 variations
- Compact design
- Operation range (inlet water temperature): 10-45°C
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-IF
- Flexible piping length



RWEYQ10MY1



HEAT RECOVERY

RWEYQ-MY1				RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
Capacity range		HP		10	20	30
Capacity	Cooling	kw		26.70	53.40	80.10
	Heating	kw		31.50	63.00	94.50
Power input (Nominal)	Cooling	kw		6.03	12.10	18.10
	Heating	kw		6.05	12.10	18.20
Dimensions	(Height x Width x Depth)	mm		1,000x780x550		
Weight		kg		150	300	450
Sound Level	Sound Pressure	Cooling	dBA	51.0	54.0	56.0
Refrigerant				R-410A		
Power Supply				3~/380-415V/50Hz		
Max n° of indoor units to be connected				16	20	32
Piping connections	Liquid (OD)/Gas	mm		9.5 / 22.2	15.9 / 28.6	19.1 / 34.9



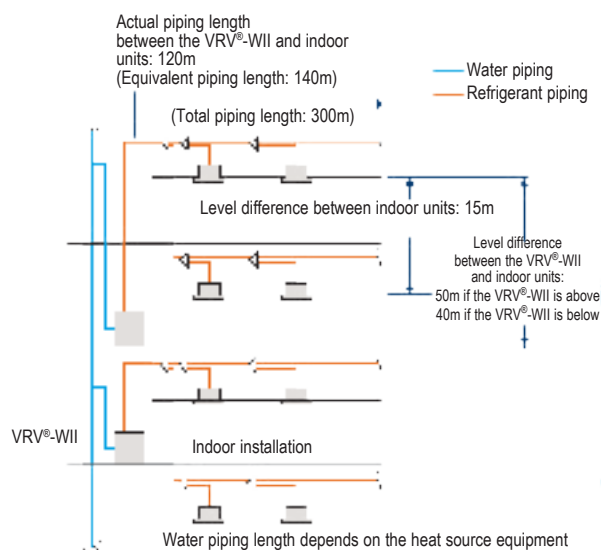
RWEYQ10-30MY1

Water Cooled VRV®

- Wide condensing unit range: 10, 20 & 30HP via 1 single refrigerant circuit
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- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-IF
- Flexible piping length



RWEYQ10MY1



Actual piping length 120 m

Equivalent piping length 140 m

HEAT PUMP

RWEYQ-MY1				RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
Capacity range		HP		10	20	30
Capacity	Cooling	kw		26.70	53.40	80.10
	Heating	kw		31.50	63.00	94.50
Power input (nominal)	Cooling	kw		6.03	12.10	18.10
	Heating	kw		6.05	12.10	18.20
Dimensions	(Height x Width x Depth)	mm		1,000x780x550		
Weight		kg		150	300	450
Sound Level	Sound Pressure	Cooling	dB(A)	51.0	54.0	56.0
Refrigerant				R-410A		
Power Supply				3~/380-415V/50Hz		
Max n° of indoor units to be connected				16	20	32
Piping connections	Liquid (OD)	mm		9.52	15.9	19.1

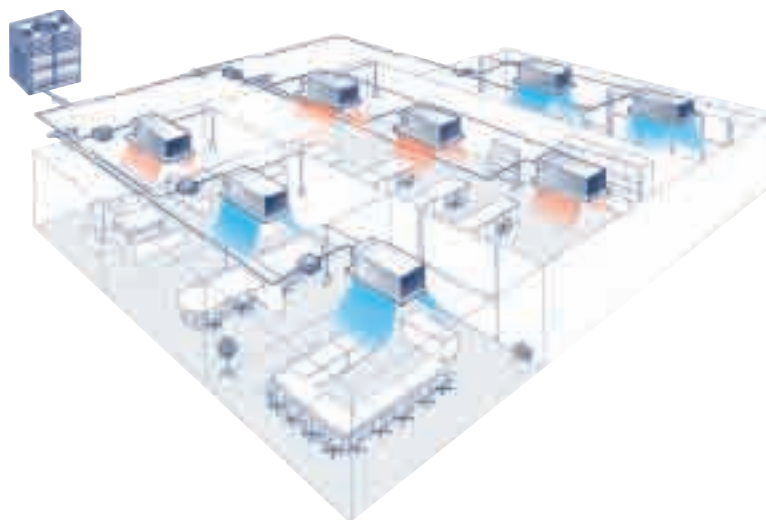


REYQ8-48P8Y1B

VRV[®]III Heat Recovery



REYQ46-48P8Y1B



- Its operation range for example 8hp to 48hp in 2hp increment steps (21 system combinations), is wider than any of its contemporaries.
- Its ability to run no less than 64 indoor units in heat recovery format cannot at present be matched by other comparable systems.
- Increased EER/COP
- Continuous heating (resulting in a higher integrated heating capacity).
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Increased piping flexibility: maximum piping length: 165m, increased total piping length: 1,000m
- The ability to control each conditioned zone keeps VRV[®]III system running costs to an absolute minimum.
- Only those areas calling for air conditioning need to be cooled or heated and the system can be shut down completely in unoccupied rooms.
- Quick cool/heat change over.
- Improved refrigerant containment check
- Extra low noise during night time operation (step 1: 50 dBA; step 2: 45 dBA).
- Possibility to extend the operation range in cooling down to -20°C

REYQ-P8		8	10	12	14	16	18	20	22	24	26	28
Modules	REYQ8P8	1					Not Applicable					
	REYQ10P8		1									
	REYQ12P8			1								
	REYQ14P8				1							
	REYQ16P8					1						
Modules	REMQ8P8	Not Applicable					1	1				
	REMQ10P8						1		1			
	REMQ12P8							1	1	2		1
	REMQ14P8											
	REMQ16P8										1	1
Number of outdoor units		1	1	1	1	1	2	2	2	2	2	2

REYQ-P8		30	32	34	36	38	40	42	44	46	48
Modules	REYQ8P8	Not Applicable									
	REYQ10P8										
	REYQ12P8										
	REYQ14P8										
	REYQ16P8										
Modules	REMQ8P8			1	1						
	REMQ10P8			1		1		1			
	REMQ12P8				1	1	2		1		
	REMQ14P8	1								1	
	REMQ16P8	1	2	1	1	1	1	2	2	2	3
Number of outdoor units		2	2	3	3	3	3	3	3	3	3



REYQ8-48P8Y1B

VRV[®]III Heat Recovery

HEAT RECOVERY

REYQ-P8			8	10	12	14	16
Capacity range		HP	-				
Capacity	Cooling	kw	22.4	28.0	33.5	40.0	45.0
	Heating	kw	25.0	31.5	37.5	45.0	50.0
Dimensions	(Height x Width x Depth)	mm	1,680x1,300x765				
Weight		kg	331			339	
Refrigerant			R-410A				
Power Supply			3~/380-415V/50Hz				
Max n° of indoor units to be connected			-				
Piping connections	Liquid (OD)/Gas	mm	9.52 / 19.1	9.52 / 22.2	12.7 / 28.6		

HEAT RECOVERY

REYQ-P8			18	20	22	24	26	28	30	32
Capacity range		HP								
Capacity	Cooling	kw	50.4	55.9	61.5	67.0	73.0	78.5	85.0	90.0
	Heating	kw	56.5	62.5	69.0	75.0	81.5	87.5	95.0	100.0
Dimensions	(Height x Width x Depth)	mm	1,680x930 + 930x765				1,680x930 + 1,240x765		1,680x1,240 + 1,240x765	
Weight		kg	204 + 254		254 + 254		254 + 334		334 + 334	
Refrigerant	R-410A									
Power Supply	3~/380-415V/50Hz									
Max n° of indoor units to be connected			-							
Piping connections	Liquid (OD)/Gas	mm	15.9 / 28.6			15.9 / 34.9		19.1 / 34.9		

HEAT RECOVERY

REYQ-P8			34	36	38	40	42	44	46	48
Capacity range		HP								
Capacity	Cooling	kw	95.4	101.0	107.0	112.0	118.0	124.0	130.0	135.0
	Heating	kw	107.0	113.0	119.0	125.0	132.0	138.0	145.0	150.0
Dimensions	(Height x Width x Depth)	mm	1,680x930 + 930 + 1,240x765				1,680x930 + 1,240 + 1,240x765		1,680x1,240 + 1,240 + 1,240x765	
Weight		kg	204 + 254 + 334		254 + 254 + 334		254 + 334 + 334		334 + 334 + 334	
Refrigerant	R-410A									
Power Supply	3~/380-415V/50Hz									
Max n° of indoor units to be connected			-							
Piping connections	Liquid (OD)/Gas	mm	19.1 / 34.9		19.1 / 41.3					



FXFQ-P7VEB

Round Flow Cassette

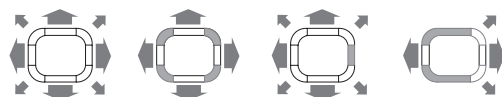


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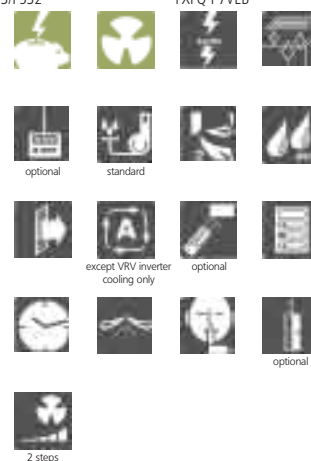
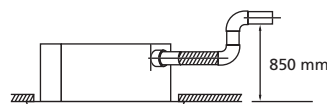
BRC7F533/F532

FXFQ-P7VEB

- Modern style decoration panel in white (RAL9010)
- 360° air discharge ensures uniform air flow and temperature distribution
- Air discharge from the corners avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible



- Fresh air intake: up to 20 %
- Reduced installation height: 214mm for class 20-63
- Easy visible drain check thanks to clear drain socket
- Drain-up pump with 850 mm filtered as standard.



FXFQ-P7VEB

Indoor Units			20	25	32	40	50	63	80	100	125	
Capacity	Cooling	kw	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	
	Heating	kw	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
Power Input	Cooling	kw	0.053			0.063	0.083	0.095	0.120	0.173	0.258	
	Heating	kw	0.045			0.055	0.067	0.114	0.108	0.176	0.246	
Dimensions	(Height x Width x Depth)		204x840x840						246x840x840		288x840x840	
Weight	kg		20.0				21.0		24.0		26.0	
Air Flow Rate	Cooling	High/Low	m³/min			12.5 / 9.0	13.5 / 9.0	15.5 / 10.0	16.5 / 11.0	23.5 / 14.5	26.5 / 17.0	33.0 / 20.0
	Heating	High/Low	m³/min			12.5 / 9.0	13.5 / 9.0	15.0 / 9.5	17.5 / 12.0	23.5 / 14.5	28.0 / 17.5	33.0 / 20.0
Sound power (nominal)	Cooling		dBA			49	50	51	52	55	58	61
Sound Pressure	Cooling	High/Low	dBA			31 / 28	32 / 28	33 / 28	34 / 29	38 / 32	41 / 33	44 / 34
	Heating	High/Low	dBA			31 / 28	32 / 28	33 / 28	36 / 30	38 / 32	42 / 34	44 / 34
Refrigerant			R-410A									
Power Supply			1~/220-240/220V/50/60Hz									
Piping connections	Liquid (OD)		Flare connection ø6.35						Flare connection ø9.52			
	Gas		Flare connection ø12.7						Flare connection ø15.9			
	Drain		VP25 (I.D. 25/O.D. 32)									
	Heat Insulation		Foamed polystyrene/foamed polyethylene									
	Sound absorbing insulation		(Foamed Polyurethane)									



FXZQ-M8V1B

4-Way Blow Ceiling Mounted Cassette (600mm x 600mm)



BRC1D52 BRC7E531/E530

FXZQ-M8V1B

- New and extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Modern style decoration panel in white (RAL9010)
- Whisper quiet operation: down to 25 dBA sound pressure level
- Excellent low draught characteristics
- Vertical auto-swing function moves the discharge flaps up and down for efficient air distribution throughout the room
- Since the flaps can move to a 0 degree position, virtually no draught can be experienced

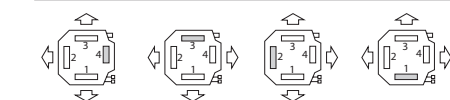
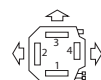


- Any one of 5 air flow patterns can be freely selected between zero and 40 degrees and will then be maintained during the operational cycle of the air conditioner,
- Air can be discharged in any of 4 directions
- Possibility to shut 1 or 2 flaps for easy installation in corners

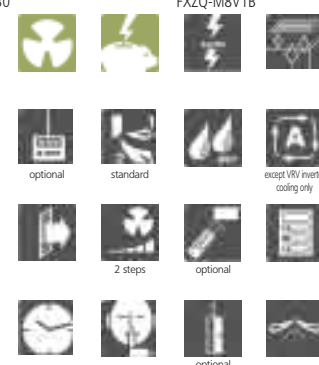
2-way blow



4-way blow



3-way blow



- 5 different air flow patterns:

FXZQ-M8V1B

Indoor Units				FXZQ20M8V1B	FXZQ25M8V1B	FXZQ32M8V1B	FXZQ40M8V1B	FXZQ50M8V1B
Capacity	Cooling	kw		2.20	2.80	3.60	4.50	5.60
	Heating	kw		2.50	3.20	4.00	5.00	6.30
Power Input	Cooling	kw		0.073		0.076	0.089	0.115
	Heating	kw		0.064		0.068	0.080	0.107
Dimensions	(Height x Width x Depth)			mm				
Weight				kg				
Air Flow Rate	Cooling	High/Low	m³/min	9.00 / 7.00		9.50 / 7.50	11.00 / 8.00	14.00 / 10.00
Sound power (nominal)	Cooling	dBA		47.0		49.0	53.0	58.0
Sound Pressure	Cooling	High/Low	dBA	30.0 / 25.0		32.0 / 26.0	36.0 / 28.0	41.0 / 33.0
Refrigerant				R-410A				
Power Supply				1~/220-240V/50Hz				
Piping connections	Liquid (OD)			Flare connection ø6.35				
	Gas			Flare connection ø12.7				
	Drain			26				
	Heat Insulation			Foamed polystyrene/foamed polyethylene				



FXCQ-M8V3B

2-way Blow Ceiling Mounted Cassette

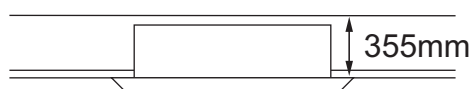


BRC1D52

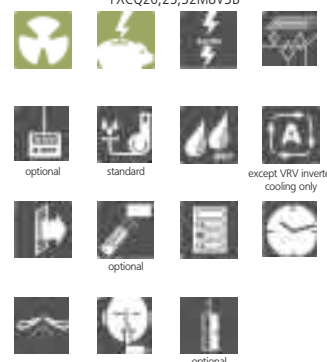
BRC7C67/C62

FXCQ20,25,32M8V3B

- Compact dimensions, can easily be mounted in a ceiling void of only 355mm



- Easy to install: depth of all units is 600mm
- Auto-swing function ensures efficient air and temperature distribution and prevents ceiling soiling,
- Quiet operation
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Easy to clean flat suction grille



FXCQ-M8V3B

Indoor Units			20	25	32	40	50	63	80	125		
Capacity	Cooling	kw	2.20	2.80	3.60	4.50	5.60	7.10	9.00	14.00		
	Heating	kw	2.50	3.20	4.00	5.00	6.30	8.00	10.00	16.00		
Power Input	Cooling	kw	0.077	0.092		0.130		0.161	0.209	0.256		
	Heating	kw	0.044	0.059		0.097		0.126	0.176	0.223		
Dimensions	(Height x Width x Depth)		305x780x600			305x995x600		305x1180x600	305x1670x600			
Weight			kg			26	31	32	35	47	48	
Air Flow Rate	Cooling	High/Low	m³/min	7.0 / 5.0		9.0 / 6.5		12.0 / 9.0		16.5 / 13.0	26.0 / 21.0	33.0 / 25.0
	Heating	High/Low	m³/min	7.0 / 5.0		9.0 / 6.5		12.0 / 9.0		16.5 / 13.0	26.0 / 21.0	33.0 / 25.0
Sound power (nominal)	Cooling		dBA	45.0		50.0		52.0		54.0	60.0	
Sound Pressure	Cooling	High/Low	dBA	33.0 / 28.0		35.0 / 29.0		35.5 / 30.5		38.0 / 33.0	40.0 / 35.0	45.0 / 39.0
	Heating	High/Low	dBA	33.0 / 28.0		35.0 / 29.0		35.5 / 30.5		38.0 / 33.0	40.0 / 35.0	45.0 / 39.0
Refrigerant			R-410A									
Power Supply			1~/230V/50Hz									
Piping connections	Liquid (OD)		Flare connection ø6.35					Flare connection ø9.52				
	Gas		Flare connection ø12.7					Flare connection ø15.9				
	Drain		32									
	Heat Insulation		Both liquid and gas pipes									
Decoration panel	Model		BYBC32GJW1			BYBC50GJW1		BYBC63GJW1	BYBC125GJW1			
	Colour		White (10Y9/0.5)									
	HeightxWidthxDepth		mm			53x1030x680		53x1430x680		53x1920x680		
	Weight		kg			8.0		8.5		9.5		12.0



FFKQ-MAVE

Ceiling Mounted Corner Cassette



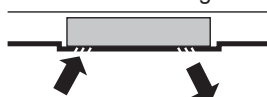
BRC1D52

BRC4C63/C61

FFKQ63MAVE

- Slim design for flexible installation
- Auto-swing function ensures efficient air and temperature distribution,
- Choice between 3 auto-swing positions for maximum comfort: standard, draught prevention, ceiling soiling prevention
- Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both

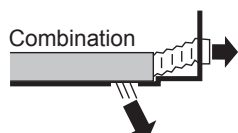
Downward discharge



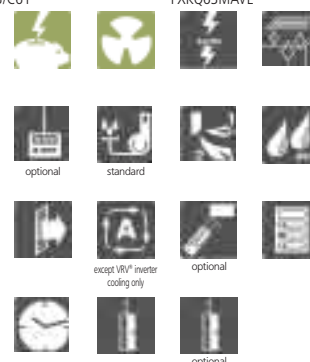
Frontal discharge



Closed decoration panel



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



FFKQ-MAVE

Indoor Units				FFKQ25MAVE	FFKQ32MAVE	FFKQ40MAVE	FFKQ63MAVE
Capacity	Cooling	kw		2.80	3.60	4.50	7.10
	Heating	kw		3.20	4.00	5.00	8.00
Power Input	Cooling	kw		0.066		0.076	0.105
	Heating	kw		0.046		0.056	0.085
Dimensions	(Height x Width x Depth)			215x1110x710			215x1310x710
Weight				31			34
Air Flow Rate	Cooling	High/Low	m³/min	11.00 / 9.00		13.00 / 10.00	18.00 / 15.00
Sound Pressure	Cooling	High/Low	dBA	38.0 / 33.0		40.0 / 34.0	42.0 / 37.0
Refrigerant				R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)			Flare connection ø6.35			Flare connection ø9.52
	Gas			Flare connection ø12.7			Flare connection ø15.9
	Drain			32			
	Heat Insulation			Foamed Polyethylene			
Decoration panel	Model			BYK45FJW1			BYK71FJW1
	Colour			White			
	HeightxWidthxDepth			70x1240x800			70x1440x800
	Weight			8.4			9.5



- Designed for hotel bedrooms
- Compact dimensions (230mm high & 652mm deep), can easily be mounted in a ceiling void
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Extremely quiet in operation both indoors and outdoors
- The air suction direction can be altered from rear to bottom suction
- Air suction filter fitted as standard
- For easy mounting, the drain pan can be located to the left or the right of the unit.



BRC4C64/C62

FXDO-M8V3B



optional



except for VRV®
inverter cooling only



optiona

Indoor Units				FXDQ20M8V3B		FXDQ25M8V3B	
Capacity	Cooling		kw	2.20		2.80	
	Heating		kw	2.50		3.20	
Power Input	Cooling		kw	0.050			
	Heating		kw	0.050			
Dimensions	(Height x Width x Depth)			mm		230x502x652	
Weight				kg		17	
Air Flow Rate	Cooling	High/Low	m³/min	6.70 / 5.20		7.40 / 5.80	
	Heating	High/Low	m³/min	6.70 / 5.20		7.40 / 5.80	
Sound power (nominal)	Cooling		dBA	50.0			
Sound Pressure	Cooling	High/Low	dBA	37.0 / 32.0			
	Heating	High/Low	dBA	37.0 / 32.0			
Refrigerant				R-410A			
Power Supply				1~/230V/50Hz			
Piping connections	Liquid (OD)			6.35			
	Gas			12.7			
	Drain			27.2			



FXDQ-PVE/NAVE

Slim Concealed Ceiling Unit

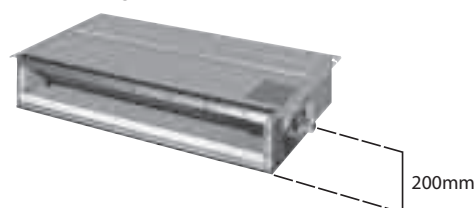


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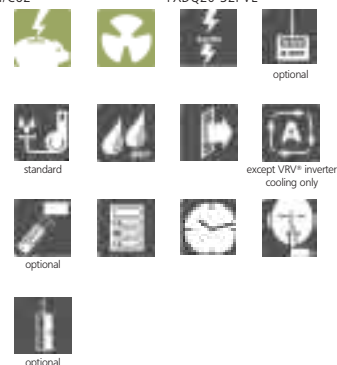
BRC4C64/C62

FXDQ20-32PVE

- 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



FXDQ-PVE/FXDQ-NAVE

Indoor Units				FXDQ20PVE	FXDQ25NAVE	FXDQ35NAVE	FXDQ40NAVE	FXDQ50NAVE	FXDQ63NAVE
Capacity	Cooling		kw	2.20	2.80	3.60	4.50	5.60	7.10
	Heating		kw	2.50	3.20	4.00	5.00	6.30	8.00
Power Input	Cooling		kw	0.086		0.089	0.160	0.165	0.181
	Heating		kw	0.067		0.070	0.147	0.152	0.168
Dimensions	(Height x Width x Depth)			200x700x620			200x900x620		200x1100x620
Weight			kg	23.0			27.0	28.0	31.0
Air Flow Rate	Cooling	High/Low	m³/min	8.0 / 6.4			10.50 / 8.50	12.50 / 10.00	16.50 / 13.00
Sound Pressure	Cooling	High/Low	dBA	33.0 / 29.0			34.0 / 30.0	35.0 / 31.0	36.0 / 32.0
Refrigerant				R-410A					
Power Supply				1~/220-240V/50Hz					
Piping connections	Liquid (OD)			Flare connection ø6.35					Flare connection ø9.52
	Gas			Flare connection ø12.7					Flare connection ø15.9
	Drain			VP20 (I.D. 20/O.D. 26)					
	Sound absorbing insulation			-					



FXSQ-M8V3B

Concealed Ceiling Unit



BRC1D52

BRC4C64/C62

FXSQ20,25,32M8V3B

- Blends unobtrusively with any interior décor
- Drain pump fitted as standard
- Long life filter fitted as standard
- The air suction direction can be altered from rear to bottom suction
- Ideal for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- High external static pressure facilitates unit use with flexible ducts of varying lengths



optional

except VRV inverter cooling only

optional

2 steps

FXSQ-M8V3B

Indoor Units			20	25	32	40	50	63	80	100	125									
Capacity	Cooling	kw	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00									
	Heating	kw	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00									
Power Input	Cooling	kw	0.110		0.114	0.127	0.143	0.189	0.234	0.242	0.321									
	Heating	kw	0.090		0.094	0.107	0.123	0.169	0.214	0.222	0.301									
Dimensions	(Height x Width x Depth)		mm			300x550x800		300x700x800		300x1000x800		300x1400x800								
Weight			kg			30		31		41		51		52						
Air Flow Rate	Cooling	High/Low	m³/min		9.00 / 6.50		9.50 / 7.00		11.50 / 9.00		15.00 / 11.00		21.00 / 15.50		27.00 / 20.00		28.00 / 20.50		38.00 / 28.00	
	Heating	High/Low	m³/min		9.00 / 6.50		9.50 / 7.00		11.50 / 9.00		15.00 / 11.00		21.00 / 15.50		27.00 / 20.00		28.00 / 20.50		38.00 / 28.00	
Sound power (nominal)	Cooling		dBA		50.0		51.0		56.0		58.0		56.0		55.0		56.0		65.0	
Sound Pressure	Cooling	High/Low	dBA		32.0 / 28.0		33.0 / 28.0		33.0 / 29.0		35.0 / 31.0		35.0 / 30.0		37.0 / 31.0		38.0 / 33.0		40.0 / 35.0	
	Heating	High/Low	dBA		32.0 / 28.0		33.0 / 28.0		33.0 / 29.0		35.0 / 31.0		35.0 / 30.0		37.0 / 31.0		38.0 / 33.0		40.0 / 35.0	
Refrigerant			R-410A																	
Power Supply			1~/230V/50Hz																	
Piping connections	Liquid (OD)		Flare connection ø6.35					Flare connection ø9.52												
	Gas		Flare connection ø12.7					Flare connection ø15.9												
	Drain		32																	
	Heat Insulation		Both liquid and gas pipes																	
Decoration panel	Model	mm	BYBS32DJW1				BYBS45DJW1		BYBS71DJW1		BYBS125DJW1									
	Colour		White (10Y9/0.5)																	
	HeightxWidthxDepth		mm		55x650x500			55x800x500			55x1100x500		55x1500x500							
	Weight		kg		3			3.5			4.5		6.5							



- Leaves maximum floor and wall space for furniture, decorations and fittings
- Compact unit (a height of 300mm), allows installation in narrow ceiling voids
- More than 200 Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Possibility to change ESP through wired remote control allows optimisation of the supply air volume
- Reduction of power consumption of 20% (compared to FXMQ-MAVE series) through use of new DC fan
- Built-in drain pump (standard for sizes 40 to 125) increases reliability of the drain system
- Complete range of models (FXMQ-PVE: 4.5 - 14 kW) (FXMQ-MAVE: 22.40 - 28 kW)

Indoor Units			FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE
Capacity	Cooling	kw	4.5	5.6	7.1	9.0	11.2	14.0
	Heating	kw	5.0	6.3	8.0	10.0	12.5	16.0
Power Input	Cooling	kw	0.194 (1) / 0.193 (2)	0.215 (1) / 0.214 (2)	0.230 (1) / 0.229 (2)	0.298 (1) / 0.297 (2)	0.376 (1) / 0.375 (2)	0.461 (1) / 0.460 (2)
	Heating	kw	0.182	0.203	0.218	0.286	0.364	0.449
Dimensions	(Height x Width x Depth)		300x700x700		300x1,000x700		300x1,400x700	
Weight			28		36		46	
Air Flow Rate	Cooling	HighHighHighLow	m³/min	16 / 13 / 11	18 / 16.5 / 15	19.5 / 17.5 / 16	25 / 22.5 / 20	32 / 27 / 23
Refrigerant			R-410A					
Power Supply			1~/220-240/220V/50/60Hz					
Piping connections	Liquid (OD)	Flare connection ø6.35		Flare connection ø9.52				
	Gas	Flare connection ø12.7		Flare connection ø15.9				
	Drain	VP25 (I.D. 32/O.D. 25)						

Note: (1) 50Hz, 220-240V
(2) 60Hz, 220V



FXMQ-MAVE

Concealed Ceiling Unit (Large)

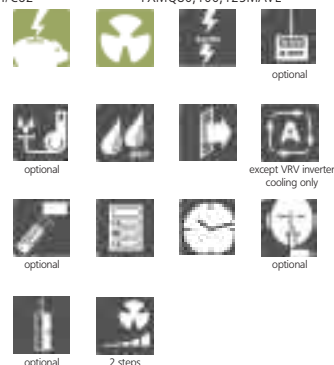
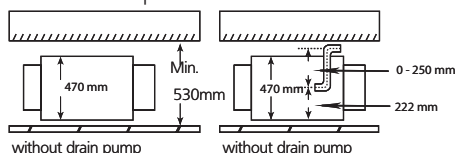


BRC1D52

BRC4C64/C62

FXMQ80, 100, 125MAVE

- Leaves maximum floor and wall space for furniture, decorations and fittings
- Complete range of models (5 -> 31,5 kW)
- More than 150 Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Built-in drain pump (accessory): housing the drain pump inside the unit has reduced the required installation space



FXMQ-MAVE

Indoor Units				40	50	63	80	100	125	200	250	
Capacity	Cooling	kw		4.50	5.60	7.10	9.00	11.20	14.00	22.40	28.00	
	Heating	kw		5.00	6.30	8.00	10.00	12.50	16.00	25.00	31.50	
Power Input	Cooling	kw		0.211			0.284	0.411	0.619	1.294	1.465	
	Heating	kw		0.211			0.284	0.411	0.619	1.294	1.465	
Dimensions	(Height x Width x Depth)			mm				390x1110x690		470x1380x1100		
Weight				kg				44	45	63	65	137
Air Flow Rate	Cooling	High/Low	m³/min	14.00 / 11.50			19.50 / 16.00	29.00 / 23.00	36.00 / 29.00	58.00 / 50.00	72.00 / 62.00	
Sound Pressure	Cooling	High/Low	dBA	39.0 / 35.0			42.0 / 38.0	43.0 / 39.0	45.0 / 42.0	48.0 / 45.0		
Refrigerant				R-410A								
Power Supply				1~/220-240V/50Hz								
Piping connections	Liquid (OD)			Flare connection ø6.35			Flare connection ø9.52					
	Gas			Flare connection ø12.7			Flare connection ø15.9			Braze connection ø19.1	Braze connection ø22.2	
	Drain			32						PS1B		
	Heat Insulation			Glass fiber								



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

Indoor Units			FXAQ20MAVE	FXAQ25MAVE	FXAQ32MAVE	FXAQ40MAVE	FXAQ50MAVE	FXAQ63MAVE	
Capacity	Cooling	kw	2.20	2.80	3.60	4.50	5.60	7.10	
	Heating	kw	2.50	3.20	4.00	5.00	6.30	8.00	
Power Input	Cooling	kw	0.016	0.022	0.027	0.020	0.027	0.050	
	Heating	kw	0.024	0.027	0.032	0.020	0.032	0.060	
Dimensions	(Height x Width x Depth)		290x795x230			290x1050x230			
Weight			11			14			
Air Flow Rate	Cooling	High/Low	m³/min	7.50 / 4.50	8.00 / 5.00	9.00 / 5.50	12.00 / 9.00	15.00 / 12.00	19.00 / 14.00
Sound Pressure	Cooling	High/Low	dBA	35.0 / 29.0	36.0 / 29.0	37.0 / 29.0	39.0 / 34.0	42.0 / 36.0	46.0 / 39.0
Refrigerant	R-410A								
Power Supply	1~/220-240V/50Hz								
Piping connections	Liquid (OD)	Flare connection ø6.35					Flare connection ø9.52		
	Gas	Flare connection ø12.7					Flare connection ø15.9		
	Drain	18							
	Heat Insulation	Foamed polystyrene/foamed polyethylene							



FXHQ-MAVE

Ceiling Suspended Unit



BRC1D52

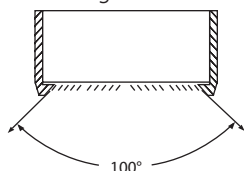


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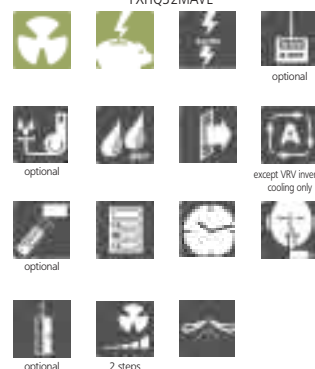


FXHQ32MAVE

- Reduced sound pressure level
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Can be installed in both 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-MAVE

Indoor Units				FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Capacity	Cooling	kw		3.60	7.10	11.20
	Heating	kw		4.00	8.00	12.50
Power Input	Cooling	kw		0.111	0.115	0.135
	Heating	kw		0.111	0.115	0.135
Dimensions	(Height x Width x Depth)		mm	195x960x680	195x1160x680	195x1400x680
Weight			kg	24	28	33
Air Flow Rate	Cooling	High/Low	m³/min	12.00 / 10.00	17.50 / 14.00	25.00 / 19.50
Sound Pressure	Cooling	High/Low	dBA	36.0 / 31.0	39.0 / 34.0	45.0 / 37.0
Refrigerant				R-410A		
Power Supply				1~/220-240V/50Hz		
Piping connections	Liquid (OD)		Flare connection ø6.35		Flare connection ø9.52	
	Gas		Flare connection ø12.7		Flare connection ø15.9	
	Drain		26			
	Heat Insulation		Glass wool			



FXUQ-MAV1

4-way Blow Ceiling Suspended Cassette



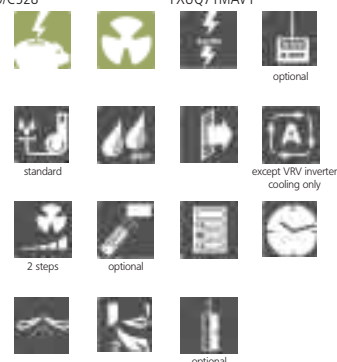
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BRC7C529/C528

FXUQ71MAV1



BEVQ-MA



- Can be installed in both new and existing buildings.
- Group control with other VRV indoor units possible
- Cool heat selection
- Prevention of cold draught at hot start, defrost and oil return in heating
- 5m maximum distance between FXUQ unit and junction box
- Air can be discharged in any of 4 directions
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.5m without loss of capacity.
- Air can be discharged at 5 different angles between 0 and 60 degrees
- Air filter, drain pan and heat exchanger fin are mildew proof and anti-bacterial treated.

FXUQ-MAV1

Indoor Units				FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
Power Input	Cooling		kw	0.180	0.289	
	Heating		kw	0.160	0.269	
Dimensions	(Height x Width x Depth)		mm	165x895x895	230x895x895	
Weight			kg	25	31	
Air Flow Rate	Cooling	High/Low	m³/min	19.00 / 14.00	29.00 / 21.00	32.00 / 23.00
	Heating	High/Low	m³/min	19.00 / 14.00	29.00 / 21.00	32.00 / 23.00
Sound power (nominal)	Cooling		dBA	56.0	59.0	60.0
Sound Pressure	Cooling	High/Low	dBA	40.0 / 35.0	43.0 / 38.0	44.0 / 39.0
	Heating	High/Low	dBA	40.0 / 35.0	43.0 / 38.0	44.0 / 39.0
Refrigerant				R-410A		
Power Supply				1~/220-240V/50Hz		
Piping connections	Liquid (OD)			9.52		
	Gas			15.9		
	Drain			I.D. 20/O.D. 26		
	Heat Insulation			Heat resistant foamed polyethylene, regular foamed polyethylene		
Combination with junction box				BEVQ71M	BEVQ100M	BEVQ125M

BEVQ-MA

BEVQ-MA			71	100	125
Dimensions	(Height x Width x Depth)	mm	100x350x225		
Weight		kg	43.0 / 38.0	43.0 / 38.0	43.0 / 38.0
Casing			Galvanised steel plate		
Power supply			1~, 50Hz, 220-240V		



FXNQ-MAVE

Concealed Floor Standing Unit

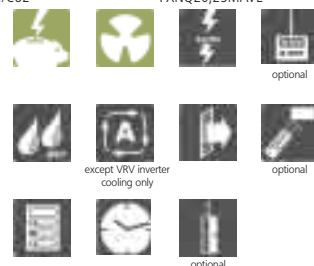
- Ideal for installation beneath a window
- All models are available with remote control
- Long life filter fitted as standard
- Requires very little installation space
- The connecting port faces downward, eliminating the need to attach auxiliary piping



BRC1D52

BRC4C64/C62

FXNQ20,25MAVE



FXNQ-MAVE

Indoor Units				FXNQ20MAVE	FXNQ25MAVE	FXNQ32MAVE	FXNQ40MAVE	FXNQ50MAVE	FXNQ63MAVE
Capacity	Cooling		kw	2.20	2.80	3.60	4.50	5.60	7.10
	Heating		kw	2.50	3.20	4.00	5.00	6.30	8.00
Power Input	Cooling		kw	0.049		0.090		0.110	
	Heating		kw	0.049		0.090		0.110	
Dimensions	(Height x Width x Depth)			610x930x220		610x1070x220		610x1350x220	
Weight			kg	19		23		27	
Air Flow Rate	Cooling	High/Low	m³/min	7.00 / 6.00		8.00 / 6.00		14.00 / 11.00	
Sound Pressure	Cooling	High/Low	dBA	35.0 / 32.0		38.0 / 33.0		39.0 / 34.0	
Refrigerant				R-410A					
Power Supply				1~/220-240V/50Hz					
Piping connections	Liquid (OD)			Flare connection ø6.35					Flare connection ø9.52
	Gas			Flare connection ø12.7					Flare connection ø15.9
	Drain			21					
	Heat Insulation			Glass Fiber/Urethane Foam					



FXLQ-MAVE

Floor Standing Unit



BRC1D52

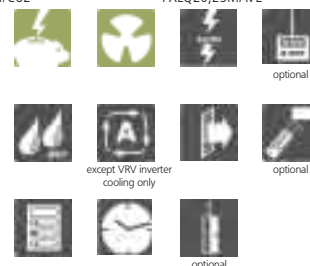
BRC4C64/C62

FXLQ20,25MAVE

- Ideal for installation beneath a window
- All models are available with remote control
- Requires very little installation space
- Running the pipes from connections at the back, enables the unit to be wall mounted which in turn allows cleaning beneath the unit where dust tends to accumulate



- Long life filter fitted as standard



FXLQ-MAVE

Indoor Units				FXLQ20MAVE	FXLQ25MAVE	FXLQ32MAVE	FXLQ40MAVE	FXLQ50MAVE	FXLQ63MAVE
Capacity	Cooling		kw	2.20	2.80	3.60	4.50	5.60	7.10
	Heating		kw	2.50	3.20	4.00	5.00	6.30	8.00
Power Input	Cooling		kw	0.049		0.090		0.110	
	Heating		kw	0.049		0.090		0.110	
Dimensions	(Height x Width x Depth)			mm		600x1140x222		600x1420x222	
Weight			kg	25		30		36	
Air Flow Rate	Cooling	High/Low	m³/min	7.00 / 6.00		8.00 / 6.00		11.00 / 8.50	
Sound Pressure	Cooling	High/Low	dBA	35.0 / 32.0		38.0 / 33.0		14.00 / 11.00	
Refrigerant				R-410A					
Power Supply				1~/220-240V/50Hz					
Piping connections	Liquid (OD)			Flare connection ø6.35				Flare connection ø9.52	
	Gas			Flare connection ø12.7				Flare connection ø15.9	
	Drain			21					
	Heat Insulation			Glass Fiber/Urethane Foam					



Ventilation

Air conditioning and air movement of course, are not the same. Neither actually includes the other but both are necessary components of a comfortable and energy efficient indoor climate. Ventilation by itself cannot cope with the high heat gains generated by modern office complexes and indoor temperature and humidity levels can fluctuate wildly if ventilation alone is installed. On the other hand, air conditioning cannot supply the necessary fresh air needed for a balanced system. The ideal solution therefore, requires air conditioning and ventilation in combination.

Daikin manufactures and markets a range of fresh air reclaim, treatment and handling systems, carefully designed for integration with its air conditioning systems in order to achieve the most economic, environmentally conscious and best possible indoor comfort conditions.

HEAT RECLAIM VENTILATION

VAM-FA8	117
VKM-GAMV1	118
VKM-GAV1	118

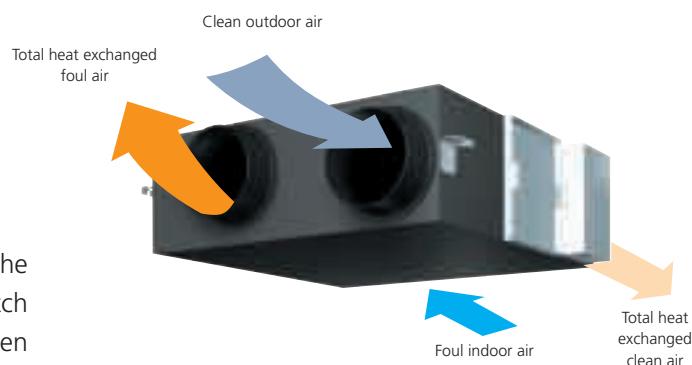
OUTDOOR AIR PROCESSING UNIT

FXMQ-MFV1	119
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HRV

Heat Reclaim 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® system
- Connectable to current Daikin control systems:

DS-net

Intelligent touch Controller

Intelligent Manager

BACnet Gateway

DMS-IF

VAM-FA8

Ventilation		VAM150FA8	VAM250FA8	VAM350FA8	VAM500FA8	VAM650FA8	VAM800FA8	VAM1000FA8	VAM1500FA8	VAM2000FA8
Air flow rate	m³/h	150	250	350	500	650	800	1,000	1,500	2,000
Sound pressure level (max.) (1)	dBA	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	66	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	1,140	852	1,140
	Weight	kg	24	24	33	33	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 Reclaim 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

DMS-IF

VKM-GAM

Ventilation, DX coil & humidifier			VKM50GAM	VKM80GAM	VKM100GAM
Fresh air conditioning load	Cooling	kW	4.71	7.46	9.12
	Heating	kW	5.58	8.79	10.69
Air flow rate	UH - H - L	m³/h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	UH - H - L	dBA	37 - 35.5 - 32	38.5 - 36 - 33	39 - 37 - 34
Sound pressure level - 240V	UH - H - L	dBA	38 - 36 - 34	40 - 37.5 - 35.5	40 - 38 - 35.5
Static pressure	UH - H - L	Pa	160 - 120 - 100	140 - 90 - 70	110 - 70 - 60
Temperature exchange efficiency	UH - H - L	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	UH - H - L	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	UH - H - L	%	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		V1	1 ~, 220-240V, 50Hz		

VKM-GA

Ventilation & DX coil			VKM50GA	VKM80GA	VKM100GA
Fresh air conditioning load	Cooling	kW	4.71	7.46	9.12
	Heating	kW	5.58	8.79	10.69
Air flow rate	UH - H - L	m³/h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	UH - H - L	dBA	38 - 36 - 33.5	40 - 37.5 - 34.5	40 - 38 - 35
Sound pressure level - 240V	UH - H - L	dBA	39 - 37 - 33.5	41.5 - 39 - 37	41 - 39 - 36.5
Static pressure	UH - H - L	Pa	180 - 150 - 110	170 - 120 - 80	150 - 100 - 70
Temperature exchange efficiency	UH - H - L	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	UH - H - L	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	UH - H - L	%	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		V1	1 ~, 220-240V, 50Hz		



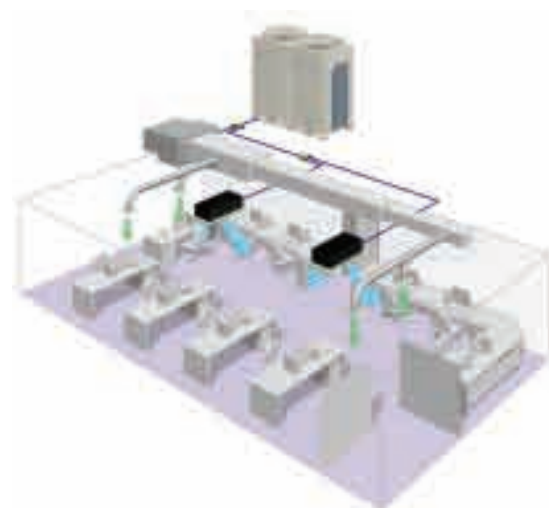
FXMQ-MFV1

Outdoor Air Processing Unit



FXMQ250MFV1

- 100% fresh air intake possible
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Operation range: -5°C to 43°C
- 225 Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Drain pump kit available as accessory



FXMQ-MFV1

Indoor Units				FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Capacity	Cooling		kw	14.0	22.4	28.00
	Heating		kw	8.9	13.9	17.40
Power Input	Cooling		kw	0.359	0.548	0.638
	Heating		kw	0.359	0.548	0.638
Dimensions	(Height x Width x Depth)		mm	470x744x1100	470x1380x1100	
Weight			kg	86	123	
Air Flow Rate	Cooling	Medium	m³/min	18.0	28.0	35.0
	Heating	Medium	m³/min	18.0	28.0	35.0
Refrigerant				-		
Power Supply				220-240V/50Hz		
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / PS1B	9.52 / 19.1 / PS1B	9.52 / 22.2 / PS1B

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	ambient: 35°C
Water-cooled	cooling only	condenser: 40°C/45°C	ambient: 7°CDB/6°CWB
		evaporator: 12°C/7°C	
	heating only	condenser: 30°C/35°C	
		evaporator: 12°C/7°C	
Remote condenser		condenser: 40°C/45°C	
		evaporator: 12°C/7°C	
Remote evaporator	cooling capacity/power input conditions	condensing temperature: 45°C / liquid temperature: 40°C	
		suction dew point: 5°C	ambient: 35°C
Fan coil units	cooling	superheat: 10°C	
		room temperature: 27°C/19°C	
	heating	entering water temperature: 7°C/12°C	
		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.

'We Care' Icons

A number of 'We Care' icons are highlighted in green throughout the catalogue to indicate product features that have an impact on reducing energy consumption:



Night set mode

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



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.



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.



Home leave operation

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



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-hour period.



Horizontal auto swing

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



Infrared remote control

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



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)



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.



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.



Centralised control

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



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.



Timer

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



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.