DAIKIN

AIR CONDITIONING

General

CATALOGUE 2005

Daikin Airconditioning UK Ltd

new

Foreword

In 1972, Daikin Industries Ltd, established its European head-quarters in Ostend, Belgium in answer to the rapidly growing European demand for high quality air conditioning.

Perceived at first, simply as an assembly centre for Japanese manufactured equipment, the nascent plant soon evolved into a supply base for a Europe wide distribution network.

Since those early years, Daikin Europe has benefited from continuous investment on the part of its parent company and now enjoys a position of pre eminence among the largest and best known names in European air conditioning.

The company's record of spectacular growth in both turnover and production capacity is to be envied among engineering manufacturers in general and the air conditioning sector in particular.

Daikin Europe N.V.

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To consult the explanation of the *pictogrammes*,please refer to page 159 of this catalogue.

Environmental consciousness

ENHANCING THE PRESENT -- SAFEGUARDING THE FUTURE

Throughout the last 50 years or so the basic building blocks of life – air, water and the earth – have been systematically subjected to increasing levels of pollution with little regard to their potentially devastating effects on future generations.

Recently however, concern has grown regarding climate changes, acid rain, water and air pollution and the constant degradation of Earth's natural resources. The very technology that created these problems is now being harnessed to halt and reverse them. Depletion of the ozone layer and global warming have been highlighted and are now being addressed. Government legislation prohibiting the use of toxic substances and the generation of pollutants has slowed down the destruction of the environment.

Daikin Europe is proud to have been pro active in this respect, closely following its Japanese parent in implementing policies that have often pre-empted official legislative codes and directives. As a result, a culture of 'environmental management' has since 2001, played a key role in the company's day to day activities and development strategies.

Top management commitment is reflected in the establishment of a number of action plans, which are now strictly observed and implemented throughout the Daikin Group.

1 SUSTAINABLE USE OF ENERGY

This is exemplified in the slogan of the three Rs – reduce, recycle and reuse – and is promoted in all Daikin's everyday business activities, manufacturing included. Use of all resources and overall energy consumption are constantly monitored and all personnel are encouraged to sort out recyclable items from waste along with other hazardous substances such as batteries, printer cartridges, paper and cardboard etc.

Also, the manufacturing division has adopted 'ZERO waste' and 'ZERO emission' targets for implementation throughout the production stage.

2 HIGHLY EFFICIENT AND ENERGY SAVING

Daikin Europe has always led the field in promoting the use of high efficiency refrigerants. Refrigerant R-22, now subject to total phase out, was replaced in Daikin equipment by R-134a and R-407C and more recently R-410A, which are harmless to the ozone layer when accidentally released in the atmosphere.

In addition, all Daikin products are continually subject to redesign in order to ensure their optimum performance during both cooling and heating cycles. Several models are classified as 'A' rankings within the EU energy labelling programme and others achieve 'B' rankings. The large number of Daikin air conditioning models in the highest energy efficiency rankings, will undoubtedly result in the reduction of several million tons of CO2 emissions during their life cycles.

3 PRODUCT RECYCLING AND WASTE REDUCTION

The company constantly examines its use of production and packaging materials and their potential for recycling. Damaged wooden Euro pallets for instance, are repaired and reused.
Water used in the factory, is treated before passing to the city drainage system – various impurities are separated out as sludge, which is a useful ingredient in the cement manufacturing industry.

4 DEVELOPMENT OF ENVIRONMENTALLY FRIENDLY PRODUCTS

Daikin is firmly committed to 'eco design' and continually strives to improve the 'green' content of its products. The use of lead, mercury and cadmium etc is being reduced and will be completely eliminated or limited to allowable levels. Furthermore, the design department adopts a 'green purchasing' policy, requiring suppliers to declare their products free from all substances listed as hazardous to the environment.

5 EFFORTS AT EUROPEAN LEVEL

Daikin Europe's environmental policy, although geared overall to world-wide considerations, takes full account of all local and specifically European, legislation and directives. Products have been tested by an independent recycling organisation. They have confirmed the recovery potential at more then 80% and recycling potential at more than 75% of their original content thereby meeting the criteria required by European directives.

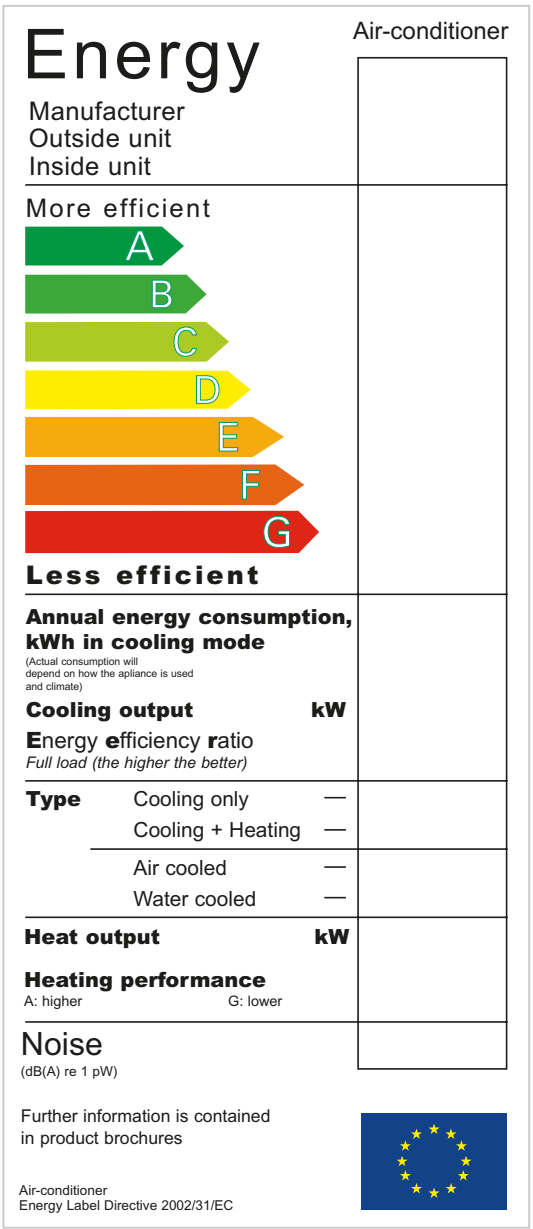
6 ENVIRONMENTAL RESPONSIBILITY

Communication to internal staff is also regarded as paramount and in house computer screen saver messages constantly stress the need for environmental awareness and cost savings. Production workers receive regular training to increase awareness in safeguarding the environment against refrigerant emission during the production and product testing phases. Comparative data showing the positive effects of this policy are displayed on notice boards in the production areas.

7 ISO 14001 ACCREDITATION FOR THE DAIKIN GLOBAL ORGANISATION

In order to ensure continuous improvement in all its environmental activities, Daikin instructed all its affiliate companies, to achieve the internationally recognised ISO 14001 accreditation by year 2005. Thus both the Daikin organisation and its suppliers and sub contractors, are encouraged to identify the environmental impact of their normal business activities and take all necessary steps to protect the environment.

Energy labeling



Energy labeling is part of a wider European Climate Change program that targets energy efficiency as one method of reducing CO_2 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 ≥ EER > 3.00
C	3.00 ≥ EER > 2.80
D	2.80 ≥ EER > 2.60
E	2.60 ≥ EER > 2.40
F	2.40 ≥ EER > 2.20
G	2.20 ≥ EER

INDICATED ANNUAL ENERGY CONSUMPTION

This figure indicates the approximate amount of energy consumed per year by the unit, based on a standard household model. The annual consumption is calculated by multiplying the total power input by an average of 500 hr per year IN COOLING MODE AT FULL LOAD.
In order to calculate the cost of annual energy consumption, you merely multiply this figure by your electricity tariff.

COOLING OUTPUT

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

ENERGY EFFICIENCY RATIO (EER)

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

TYPE

TYPE OF UNIT: it indicates if the unit is a cooling only or cooling/heating system
COOLING MODE: it indicates if the unit is air cooled or water cooled

HEATING OUTPUT

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

ENERGY EFFICIENCY CLASS OF THE UNIT IN HEATING MODE:

A	COP > 3.60
B	3.60 ≥ COP > 3.40
C	3.40 ≥ COP > 3.20
D	3.20 ≥ COP > 2.80
E	2.80 ≥ COP > 2.60
F	2.60 ≥ COP > 2.40
G	2.40 ≥ COP

Noise level: only for portable units.

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

MC704AVM

Photocatalytic air purifier

IMPROVED PERFORMANCES

- Antibacterial photocatalytic filter:
  Eliminates 99.99% of all mold spores and bacteria on the filter.
  Deactivates viruses.
- Powerful dust collection by large air volume:
  Air volume in TURBO-mode = 420m³/h
  Applicable room size = up to 41m² max
- Deodorising power: 85%

MORE COMFORT

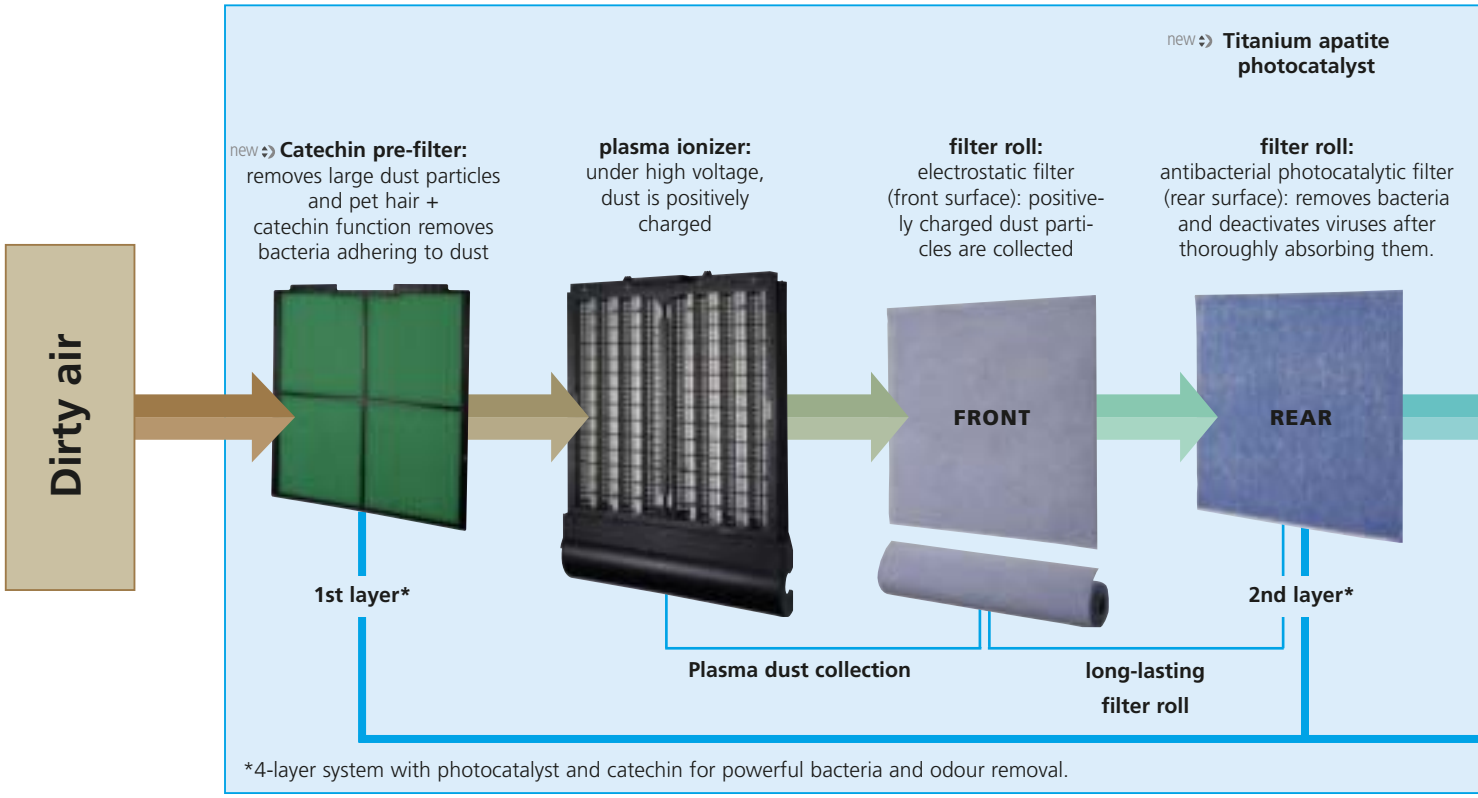
- Quiet operation:
  Operation sound level in SILENT-mode = 16 dB(A)
- Negative ion generator ensures comfort:
  The atmosphere in forests and around mountain streams is filled with negative ions, also known as 'vitamins of the air'. This product will fill your living environment with the same negative ions.

COST SAVING

- Long-lasting* filter roll with titanium apatite photocatalyst:
  The economical filter roll makes sure that there is no need to buy a replacement filter for several years.
  *up to 7 years max

NEW DESIGN

- Compact design of casing:
  (= +/- 82% of current model)
- Flat front panel:
  Gives the air purifier a more stylish appearance and makes it easier to clean.

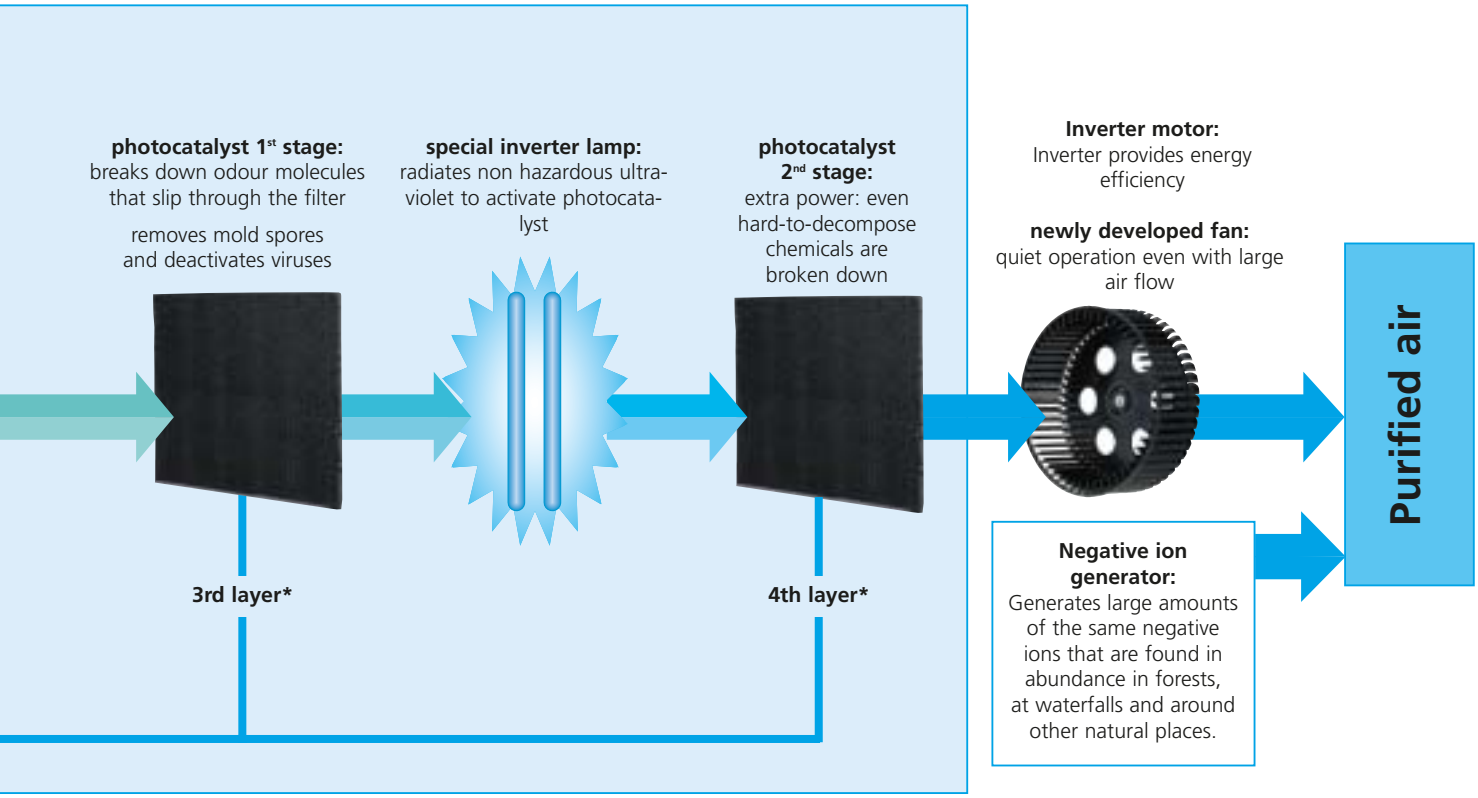


*4-layer system with photocatalyst and catechin for powerful bacteria and odour removal.

Applicable room size = up to 41m² max.

MC704AVM

MODEL			MC704AVM				
Power supply			1~, 220-240V, 50Hz				
Dimensions	HxWxD	mm	498x400x198				
Colour			sparkling silver and metallic ocean blue				
Weight		Kg	7.0				
MODE (50HZ)			**TURBO**	**H**	**M**	**L**	**SILENT**
Power input		kW	0.052	0.024	0.020	0.017	0.015
Running current		A	0.46	0.26	0.19	0.16	0.15
Sound pressure level		dB(A)	47	36.5	32	24	16
Air flow rate		m³/h	420	270	210	120	60
Pre-filter			polypropylene screen with catechin				
Dust collecting element			plasma ionizer (electrostatic dust collection) + titanium apatite photocatalytic filter roll				
Deodorising filter			titanium apatite photocatalytic filter roll				
Catalyst			titanium oxide + special inverter lamp				
Safety devices			front panel switch (safety switch)				
Standard accessories			operation manual, remote control, batteries, titanium apatite photocatalytic filter roll				
OPTION							
Titanium apatite photocatalytic replacement filter roll			BAC959A4				
Wall hanging kit (standard accessories)			KKK13A (air redirector, remote control holder, wall protection sheet, wall installation kit)				



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

FTXG-C / RXG-C

Wall mounted unit

FTXG25,35CVMBW

FTXG25,35CVMBS

FEATURES

1. STYLISH AND COMPACT DESIGN

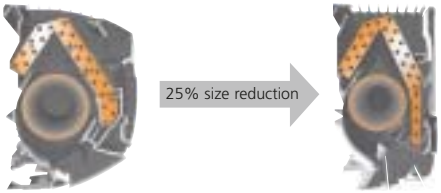
For the first time in history, Daikin succeeded in creating an indoor unit with such a sleek profile, that you won't believe it is an air conditioning unit.
In standby mode, the discharge opening is closed, resulting in a compact depth of only 15cm.
When starting the unit up, the entire front panel slides smoothly open.

For this model, Daikin even received the "Good Design Award 2003" in Japan.

Good Design Award

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

2. SENSATIONAL THINNING TECHNOLOGY



FTK(X)S FTXG

High efficiency slit fin heat exchanger:

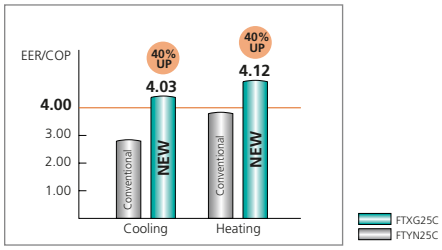
Narrower gaps between the fins increase the available heat transfer surface area by 10%. The slit fin heat exchanger reduces air flow resistance to maintain top performance. The use of a single/dual row combined heat exchanger, makes an even thinner design possible.

Miniature cross flow fan

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

3. SUPERB ENERGY EFFICIENCY

Daikin has further improved the energy efficiency. At the same time it realized substantial energy savings compared to conventional models by achieving an industrial top class EER of 4.03 and COP of 4.12.



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

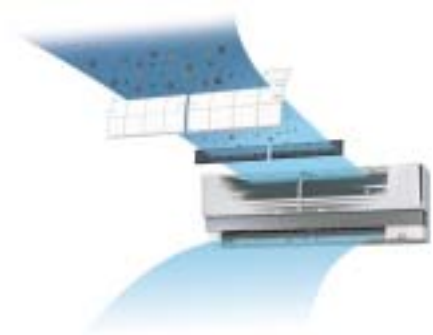
- PAM Inverter control
  Pulse Amplitude Modulation control reduces energy loss by controlling how often the inverter switches on and off.

- Reluctance DC motor + DC Fan motor
  Realizes high efficiency by applying reluctance torque to a DC motor for outdoor units. The DC fan motor and its fine rotation control greatly improves energy consumption

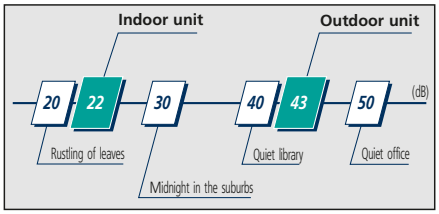
- Swing compressor
  Energy efficiency is increased by reducing operational friction and refrigerant gas leakage while minimizing the noise levels.

4. CLEAN AND COMFORTABLE AIR FLOW

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



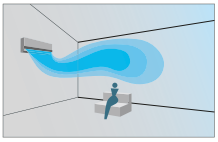
Super quiet:
The indoor/outdoor unit silent operation function brings us comfort by offering an industry top-level quiet operation of 22dB(A) for the indoor unit and 43dB(A) for the outdoor unit.



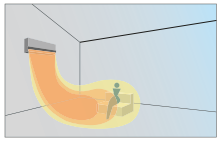
FTXG-C / RXG-C

RXG25,35C

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

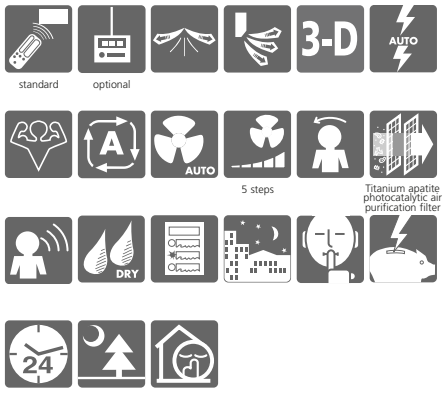


Cooling mode



Heating mode

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



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FTXG25CVMBW/S	FTXG35CVMBW/S
Cooling capacity		min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8
Heating capacity		min~nom~max	kW	1.3~3.4~4.5	1.4~4.2~5.0
Nominal input	cooling	min~nom~max	kW	0.30~0.62~0.95	0.30~1.06~1.29
	heating	min~nom~max	kW	0.29~0.825~1.42	0.31~1.135~1.56
EER				4.03	3.30
COP				4.12	3.70
Energy label	cooling			A	A
	heating			A	A
Annual energy consumption	cooling		kWh	310	530
Dimensions		HxWxD	mm	275x840x150	
Weight			kg	9.0	
Air flow rate	cooling	H/L/SL	m^3/min	7.4/4.4/3.7	7.9/4.7/4.1
	heating	H/L/SL	m^3/min	7.7/6.0/5.0	7.9/6.0/5.1
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	39/26/23
	heating	H/L/SL	dB(A)	38/28/25	39/29/26
Sound power level	cooling	H	dB(A)	56	57
Refrigerant type				R-410A	
Power supply			VM	1~, 220-230/220-240V, 50/60Hz	
Infrared remote control				ARC433A41	

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

OUTDOOR UNIT				RXG25CVMB	RXG35CVMB
Dimensions		HxWxD	mm	550x765x285	
Weight			kg	32	
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44
	heating	H/L	dB(A)	47/44	48/45
Sound power level	cooling	H	dB(A)	61	62
Operation range	cooling	from~to	°CDB	+10~46	
	heating	from~to	°CWB	-15~20	
Refrigerant type				R-410A	
Power supply			VM	1~, 220-240/220-230V, 50/60Hz	

FTKS-D / RKS-D
CTKS-D/MKS-D

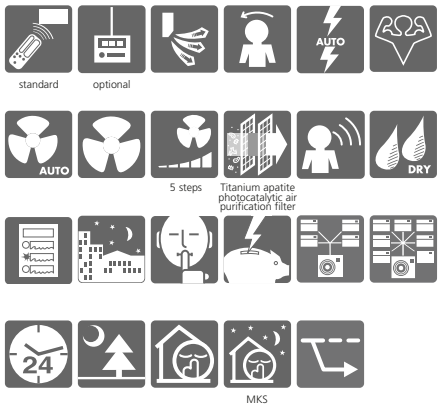
Wall mounted unit

new

FTKS20,25,35DVMW

RKS20,25,35D

- Flat front panel: stylish appearance and more easy to clean
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- ECONO mode decreases the power consumption so that other appliances that need large power consumption can be used. This function is also energy saving.
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor automatically saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- COMFORT mode reassures draught free operation
- Titanium apatite photocatalytic air purification filter: this filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)			FTKS20DVMW/L	FTKS25DVMW/L	FTKS35DVMW/L	CTKS50DVMW/L
Cooling capacity	min~nom~max	kW	1.3~2.0~2.6	1.3~2.5~3.0	1.4~3.4~3.8	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.
Nominal input	min~nom~max	kW	0.30~0.49~0.83	0.30~0.685~0.96	0.30~1.045~1.27	
EER			4.08	3.65	3.25	
Energy label			A	A	A	
Annual energy consumption	cooling	kWh	245	343	523	
Dimensions	HxWxD	mm	283x800x195			283x800x195
Weight		kg	9	9	9	9
Air flow rate	H/L/SL	m³/min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.9/4.0	11.4/7.1/6.2
Sound pressure level	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
Sound power level	H	dB(A)	56	56	57	64
Refrigerant type			R-410A			R-410A
Power supply		VM	1~, 220-240/220-230V, 50/60Hz			1~, 220-240/220-230V, 50/60Hz
Infrared remote control			ARC433A43			ARC433A43

OPTIMISED DESIGN R-410A

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

OUTDOOR UNIT			RKS20DVMB	RKS25DVMB	RKS35DVMB	4MKS58,75,90,DVMB
Dimensions	HxWxD	mm	550x765x285			Multi application only. For more specifications, please refer to page 103 of this catalogue
Weight		kg	30		32	
Sound pressure level	H/L	dB(A)	46/43	46/43	47/44	
Sound power level	H	dB(A)	61	61	62	
Operation range		°CDB	-10~46			
Refrigerant type			R-410A			
Power supply		VM	1~, 220-240/220-230V, 50/60Hz			

OPTIMISED DESIGN R-410A

FTXS-D / RXS-D
CTXS-D/MXS-D

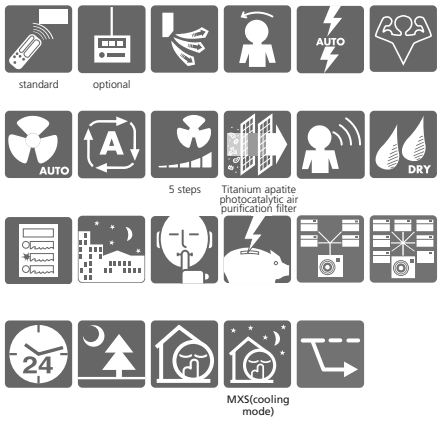
Wall mounted unit

new

FTXS20,25,35DVML

RXS20,25,35D

- Flat front panel: stylish appearance and more easy to clean
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- ECONO mode decreases the power consumption so that other appliances that need large power consumption can be used. This function is also energy saving.
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor automatically saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- COMFORT mode reassures draught free operation
- Titanium apatite photocatalytic air purification filter: this filter absorbs microscopic paricles, decomposes odours and even deactivates bacteria and viruses
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FTXS20DVMW/L	FTXS25DVMW/L	FTXS35DVMW/L	CTXS50DVMW/L
Cooling capacity		min~nom~max	kW	1.3~2.0~2.6	1.3~2.5~3.0	1.4~3.4~3.8	For more detailed information about capacities, power input, EER/COP, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.
		min~nom~max	kW	1.3~2.7~4.1	1.3~3.4~4.5	1.4~4.0~5.0	
Nominal input	cooling	min~nom~max	kW	0.30~0.49~0.83	0.30~0.685~0.96	0.30~1.045~1.27	
	heating	min~nom~max	kW	0.29~0.66~1.30	0.29~0.92~1.43	0.31~1.155~1.56	
EER				4.08	3.65	3.25	
COP				4.09	3.70	3.46	
Energy label	cooling			A	A	A	
	heating			A	A	B	
Annual energy consumption	cooling		kWh	245	343	523	
Dimensions		HxWxD	mm	283x800x195			283x800x195
Weight			kg	9	9	9	9
Air flow rate	cooling	H/L/SL	m^3/min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7.1/6.2
	heating	H/L/SL	m^3/min	9.4/5.8/5.0	9.4/5.8/5.0	9.7/6.0/5.2	11.4/7.4/6.3
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
	heating	H/L/SL	dB(A)	38/28/25	38/28/25	39/29/26	44/33/30
Sound power level	cooling/heating	H	dB(A)	56/56	56/56	57/57	64/62
Refrigerant type				R-410A			R-410A
Power supply			VM	1~, 220-240/220-230V, 50/60Hz			1~, 220-240/220-230V, 50/60Hz
Infrared remote control				ARC433A50			ARC433A50

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

OUTDOOR UNIT				RXS20DVMB	RXS25DVMB	RXS35DVMB	2,3MXS52/4MXS68,80DVMB
Dimensions		HxWxD	mm	550x765x285			Multi application only. For more specifications, please refer to page 105 of this catalogue.
Weight			kg	30		32	
Sound pressure level	cooling	H/L	dB(A)	46/43	46/43	47/44	
	heating	H/L	dB(A)	47/44	47/44	48/45	
Sound power level	cooling/heating	H	dB(A)	61/62	61/62	62/63	
Operation range	cooling		°CDB	-10~46			
	heating		°CWB	-15~20			
Refrigerant type				R-410A			
Power supply			VM	1~, 220-240/220-230V, 50/60Hz			

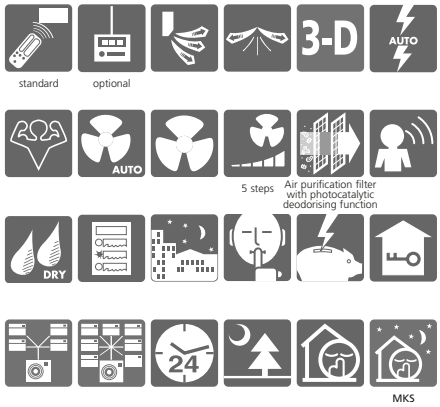
FTKS-B / RKS-B

Wall mounted unit

FTKS50B

RKS50B

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



COOLING ONLY — INVERTER

INDOOR UNIT (air cooled)			FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
Cooling capacity	min ~ nom ~ max	kW	0.90 ~ 5.00 ~ 5.80	0.90 ~ 6.00 ~ 6.70	0.90 ~ 7.10 ~ 8.00
Nominal input	min ~ nom ~ max	kW	0.45 ~ 1.66 ~ 2.30	0.45 ~ 2.12 ~ 2.45	0.45 ~ 2.53 ~ 3.07
EER			3.01	2.83	2.81
Energy label			B	C	C
Annual energy consumption	cooling	kWh	830	1,060	1,265
Dimensions	HxWxD	mm	290x795x238	290x1,050x238	
Weight		kg	9	12	12
Air flow rate	H/L/SL	m³/min	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
Sound pressure level	H/L/SL	dB(A)	44/35/32	45/36/33	46/37/34
Sound power level	H	dB(A)	63	63	63
Refrigerant type			R-410A		
Power supply		VM	1 ~, 220 ~ 240/220 ~ 230V, 50/60Hz		
Infrared remote control			ARC433A22		

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

OUTDOOR UNIT			RKS50BVMB9	RKS60BVMB9	RKS71BVMB9
Dimensions	HxWxD	mm	735x825x300		
Weight		kg	49	53	55
Sound pressure level	H	dB(A)	47	49	52
Sound power level	H	dB(A)	63	64	66
Operation range	from ~ to	°CDB	-10 (-15*) ~ 46		
Refrigerant type			R-410A		
Power supply		VM	1 ~, 220 ~ 240/220 ~ 230V, 50/60Hz		

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

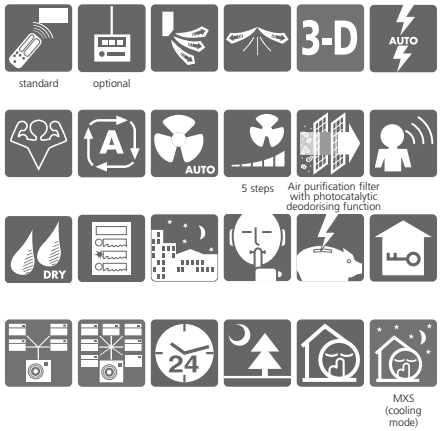
FTXS-B / RXS-B

Wall mounted unit

FTXS60,71B

RXS60,71B

- Flat front panel: stylish appearance and more easy to clean
- Lightweight and compact
- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Movement sensor automatically saves power consumption in unoccupied rooms
- Dual air discharge flow for better air distribution
- 3D-air flow
- Air purification filter with photocatalytic deodorising function
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
Cooling capacity		min~nom~max	kW	0.90~5.00~5.80	0.90~6.00~6.70	0.90~7.10~8.00
Heating capacity		min~nom~max	kW	0.90~5.80~7.50	0.90~7.00~8.00	0.90~8.50~9.50
Nominal input	cooling	min~nom~max	kW	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07
	heating	min~nom~max	kW	0.45~1.70~2.58	0.45~2.09~3.10	0.45~2.63~3.80
EER				3.01	2.83	2.81
COP				3.41	3.35	3.23
Energy label	cooling			B	C	C
	heating			B	C	C
Annual energy consumption	cooling		kWh	830	1,060	1,265
Dimensions		HxWxD	mm	290x795x238	290x1,050x238	
Weight			kg	9	12	
Air flow rate	cooling	H/L/SL	m^3/min	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
	heating	H/L/SL	m^3/min	12.6/8.9/7.7	17.4/12.7/11.4	18.5/13.5/12.1
Sound pressure level	cooling	H/L/SL	dB(A)	44/35/32	45/36/33	46/37/34
	heating	H/L/SL	dB(A)	42/22/30	44/35/32	46/37/34
Sound power level	cooling/heating	H	dB(A)	63/60	63/62	63/63
Refrigerant type				R-410A		
Power supply			VM	1~, 220~240/220~230V, 50/60Hz		
Infrared remote control				ARC433A21	ARC433A2133	

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

OUTDOOR UNIT				RXS50BVMB	RXS60BVMB	RXS71BVMB
Dimensions		HxWxD	mm	735x825x300		
Weight			kg	49	53	55
Sound pressure level	cooling	H	dB(A)	47	49	52
(night quiet mode)	heating	H	dB(A)	48	49	52
Sound power level	cooling/heating	H	dB(A)	63/*	64/*	66/*
Operation range	cooling	from~to	°CDB	-10~46		
	heating	from~to	°CWB	-15~21		
Refrigerant type				R-410A		
Power supply			VM	1~, 220~240/220~230V, 50/60Hz		

* This information was not available at time of publication

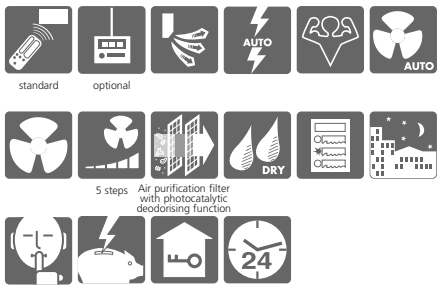
FTN-C / RN-C

Wall mounted unit

FTN20,25,35C

RN20,25,35C

- Lightweight and compact
- Easily washable front panel
- Air purification filter with photocatalytic deodorising function
- Powerful mode can be selected for rapid cooling
- Energy efficient
- Home leave operation saves energy during absence
- Automatic air flow director ensures uniform air flow and temperature distribution



COOLING ONLY — NON-INVERTER

INDOOR UNIT (air cooled)			FTN20CVMB9	FTN25CVMB9	FTN35CVMB9
Cooling capacity	nominal	kW	2.00	2.25	3.15
Nominal input	nominal	kW	0.620	0.700	1.045
EER			3.23	3.21	3.01
Energy label			A	A	B
Annual energy consumption	cooling	kWh	310	350	523
Dimensions	HxWxD	mm	273x784x185		
Weight		kg	7.5		
Air flow rate	H/L	m^3/min	7.7/*	7.7/*	7.7/*
Sound pressure level	H/L	dB(A)	38/26	38/26	39/26
Sound power level	H	dB(A)	56	56	57
Refrigerant type			R-410A		
Power supply		VM	1~, 220~240/220~230V, 50/60Hz		
Infrared remote control			ARC433A24		

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

OUTDOOR UNIT			RN20CVMB7	RN25CVMB7	RN35CVMB7
Dimensions	HxWxD	mm	560x695x265		
Weight		kg	31		33
Sound pressure level	H/L	dB(A)	46/*	46/*	48/*
Sound power level	H	dB(A)	61	61	63
Operation range	from ~ to	°CDB	+10~46		
Refrigerant type			R-410A		
Power supply		VM	1~,220-240/220-230V, 50/60Hz		

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

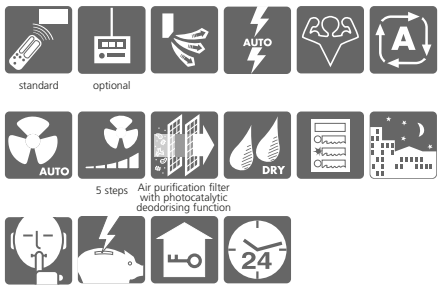
FTYN-C / RYN-C

Wall mounted unit "Essential range"

FTYN20,35C

RYN20,25,35C

- Lightweight and compact
- Easily washable front panel
- Air purification filter with photocatalytic deodorising function
- Powerful mode can be selected for rapid cooling and/or heating
- Energy efficient
- Home leave operation saves energy during absence
- Automatic air flow director ensures uniform air flow and temperature distribution



HEAT PUMP — NON-INVERTER

INDOOR UNIT (air cooled)				FTYN25CVMB9	FTYN35CVMB9
Cooling capacity		nominal	kW	2.25	3.15
Heating capacity		nominal	kW	2.85	3.60
Nominal input	cooling	nominal	kW	0.700	1.045
	heating	nominal	kW	0.835	1.055
EER				3.21	3.01
COP				3.41	3.41
Energy label	cooling			A	B
	heating			B	B
Annual energy consumption	cooling		kWh	350	523
Dimensions		HxWxD	mm	273x784x185	
Weight			kg	7.5	
Air flow rate	cooling	H/L	m^3/min	7.7/*	7.7/*
	heating	H/L	m^3/min	7.8/*	8.1/*
Sound pressure level	cooling	H/L	dB(A)	38/26	39/26
	heating	H/L	dB(A)	38/28	39/29
Sound power level	cooling/heating	H	dB(A)	56/56	57/57
Refrigerant type				R-410A	
Power supply			VM	1~, 220~240/220~230V, 50/60Hz	
Infrared remote control				ARC433A27	

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

OUTDOOR UNIT				RYN25CVMB7	RYN35CVMB7
Dimensions		HxWxD	mm	560x695x265	
Weight			kg	31	33
Sound pressure level	cooling	H/L	dB(A)	46/*	48/*
	heating	H/L	dB(A)	47/*	48/*
Sound power level	cooling/heating	H	dB(A)	61/62	63/63
Operation range	cooling	from ~ to	°CDB	+10~46	
	heating	from ~ to	°CWB	-10~20	
Refrigerant type				R-410A	
Power supply			VM	1~,220-240/220-230V, 50/60Hz	

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

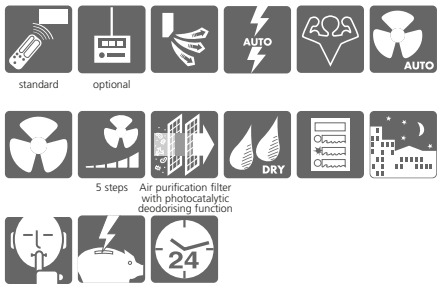
FTS-B / RS-B

Wall mounted unit

FTS50B

RS50B

- Lightweight and compact
- Easily washable front panel
- Air purification filter with photocatalytic deodorising function
- Powerful mode can be selected for rapid cooling
- Energy efficient
- Automatic air flow director ensures uniform air flow and temperature distribution



standard optional

5 steps Air purification filter with photocatalytic deodorising function

COOLING ONLY — NON-INVERTER

INDOOR UNIT (air cooled)			FTS50BVMB	FTS60BVMB
Cooling capacity	nominal	kW	5.00	6.00
Nominal input	nominal	kW	1.66	2.12
EER			3.01	2.83
Energy label			B	C
Annual energy consumption	cooling	kWh	830	1,060
Dimensions	HxWxD	mm	290x795x230	290x1,050x230
Weight		kg	9	12
Air flow rate (H/L)	H/L	m^3/min	11.5/8.3	16.4/11.6
Sound pressure level (H/L)	H/L	dB(A)	44/35	45/36
Sound power level (H)	H	dB(A)	63	63
Refrigerant type			R-410A	
Power supply		VM	1~, 220~240/220~230V, 50/60Hz	
Infrared remote control			ARC433A24	

OPTIMISED DESIGN R-410A

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

OUTDOOR UNIT			RS50BVMB	RS60BVMB
Dimensions	HxWxD	mm	735x825x300	
Weight		kg	49	53
Sound pressure level	H/L	dB(A)	47/*	49/*
Sound power level	H	dB(A)	63	64
Operation range	from~to	°CDB	-10~46	
Refrigerant type			R-410A	
Power supply		VM	1~,220-240/220-230V, 50/60Hz	

OPTIMISED DESIGN R-410A

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

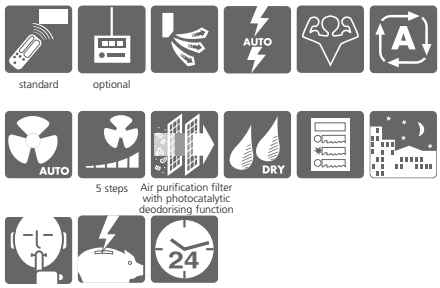
FTYS-B / RYS-B

Wall mounted unit

FTYS60B

RYS60B

- Lightweight and compact
- Easily washable front panel
- Air purification filter with photocatalytic deodorising function
- Powerful mode can be selected for rapid cooling and/or heating
- Energy efficient
- Automatic air flow director ensures uniform air flow and temperature distribution



HEAT PUMP — NON-INVERTER

INDOOR UNIT (air cooled)				FTYS50BVMB	FTYS60BVMB
Cooling capacity		nominal	kW	5.00	6.00
Heating capacity		nominal	kW	5.80	7.00
Nominal input	cooling	nominal	kW	1.66	2.12
	heating	nominal	kW	1.70	2.09
EER	cooling			3.01	2.83
COP	heating			3.41	3.35
Energy label	cooling			B	C
	heating			B	C
Annual energy consumption	cooling		kWh	830	1,060
Dimensions		HxWxD	mm	290x795x230	290x1,050x230
Weight			kg	9	12
Air flow rate	cooling	H/L	m^3/min	11.5/8.3	16.4/11.6
	heating	H/L	m^3/min	12.2/8.8	17.5/12.8
Sound pressure level	cooling	H/L	dB(A)	44/35	45/36
	heating	H/L	dB(A)	42/*	44/*
Sound power level	cooling	H	dB(A)	63	63
Refrigerant type				R-410A	
Power supply			VM	1~, 220~240/220~230V, 50/60Hz	
Infrared remote control				ARC433A23	

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

OUTDOOR UNIT				RYS50BVMB	RYS60BVMB
Dimensions		HxWxD	mm	735x825x300	
Weight			kg	49	53
Sound pressure level	cooling	H/L	dB(A)	47/*	49/*
	heating	H/L	dB(A)	48/*	49/*
Sound power level	cooling	H	dB(A)	63	64
Operation range	cooling	from ~ to	°CDB	-10~46	
	heating	from ~ to	°CWB	-15~18	
Refrigerant type				R-410A	
Power supply			VM	1~,220-240/220-230V, 50/60Hz	

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

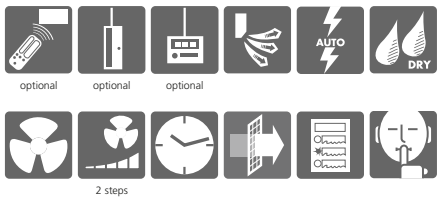
FAQ-BU / RR-B

Wall mounted unit

FAQ71BU RR71B




- Lightweight and compact
- Designed to allow maximum use of floor space
- The 71 class has a lightweight and compact casing
- Even air distribution via automatic movable louver that can also be fixed at any desired angle
- The flap of the unit is closed when not operating
- The front panel of the casing (71 class) is easy removable and washable



COOLING ONLY — NON-INVERTER

INDOOR UNIT (air cooled)			FAQ71BUV1B	FAQ100BUV1B
Cooling capacity	nominal	kW	710	10.00
Nominal input	nominal	kW	2.65/2.53	3.56/3.52
EER			2.68/2.81	2.81/2.84
Energy label			D/C	C/C
Annual energy consumption	cooling	kWh	1,325/1,265	1,780/1,760
Dimensions	HxWxD	mm	290x1,050x230	360x1,570x200
Weight		kg	13	26
Air flow rate	H/L	m^3/min	19/15	23/19
Sound pressure level	H/L	dB(A)	43/37	45/41
Sound power level	H/L	dB(A)	59/53	61/57
Refrigerant type			R-410A	
Power supply		V1	1~, 50Hz, 230V	
Infrared remote control			BRC7E619	BRC7C511W
Wired remote control			BRC1D527	

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

new

OUTDOOR UNIT			RR71B7V3B/W1B	RR100B7V3B/W1B
Dimensions	HxWxD	mm	770x900x320	1.170x900x320
Weight		kg	83/81	102/99
Sound pressure level	nominal	dB(A)	50	53
Sound power level	nominal	dB(A)	63	66
Operation range	from ~ to	°CDB	-15~46	
Refrigerant type			R-410A	
Power supply		V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V	

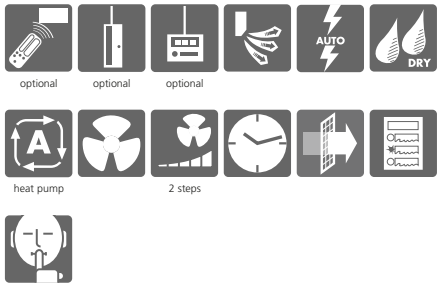
FAQ-BU / RQ-B

Wall mounted unit

FAQ71BU RQ71B



- Lightweight and compact
- Designed to allow maximum use of floor space
- The 71 class has a lightweight and compact casing
- Even air distribution via automatic movable louver that can also be fixed at any desired angle
- The flap of the unit is closed when not operating
- The front panel of the casing (71 class) is easy removable and washable



HEAT PUMP — NON-INVERTER

INDOOR UNIT (air cooled)				FAQ71BUV1B	FAQ100BUV1B
Cooling capacity		nominal	kW	7.10	10.00
Heating capacity		nominal	kW	8.00	11.20
Nominal input	cooling	nominal	kW	2.65/2.53	3.56/3.52
	heating	nominal	kW	2.58/2.49	3.96/3.82
EER				2.68/2.81	2.81/2.84
COP				3.10/3.21	2.83/2.93
Energy label	cooling			D/C	C/C
	heating			B/C	D/D
Annual energy consumption	cooling		kWh	1,325/1,265	1,780/1,760
Dimensions		HxWxD	mm	290x1,050x230	360x1,570x200
Weight			kg	13	26
Air flow rate	cooling	H/L	m^3/min	19/15	23/19
	heating	H/L	m^3/min	19/15	23/19
Sound pressure level	cooling	H/L	dB(A)	43/37	45/41
	heating	H/L	dB(A)	43/37	45/41
Sound power level	cooling	H/L	dB(A)	59/53	61/57
	heating	H/L	dB(A)	59/53	61/57
Refrigerant type				R-410A	
Power supply			V1	1~, 50Hz, 230V	
Infrared remote control				BRC7E618	BRC7C510W
Wired remote control				BRC1D527	

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

new

OUTDOOR UNIT				RQ71B7V3B/W1B	RQ100B7V3B/W1B
Dimensions		HxWxD	mm	770x900x320	1,170x900x320
Weight			kg	84/83	103/101
Sound pressure level	cooling	nominal	dB(A)	50	53
Sound power level	cooling	nominal	dB(A)	63	66
Operation range	cooling	from ~ to	°CDB	-5~46	
	heating	from ~ to	°CWB	-10~15	
Refrigerant type				R-410A	
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 400V, 50Hz	

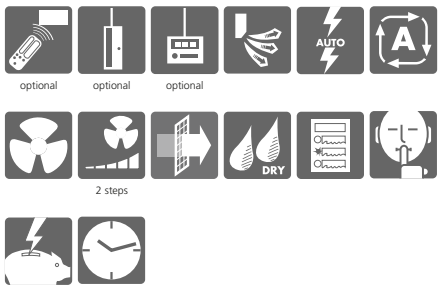
FAQ-BU / RZQ-B

Wall mounted unit

FAQ71BU RZQ71B




- Lightweight and compact
- Designed to allow maximum use of floor space
- The 71 class has a lightweight and compact casing
- Even air distribution via automatic movable louvre that can also be fixed at any desired angle
- The flap of the unit is closed when not operating
- The front panel of the casing (71 class) is easy removable and washable



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FAQ71BUV1B	FAQ100BUV1B
Cooling capacity		min~nom~max	kW	7.10 (nom.)	10.00 (nom.)
Heating capacity		min~nom~max	kW	8.00 (nom.)	11.20 (nom.)
Nominal input	cooling	nominal	kW	2.36	2.78
	heating	nominal	kW	2.42	3.39
EER				3.01	3.60
COP				3.31	3.30
Energy label	cooling			B	A
	heating			C	C
Annual energy consumption	cooling		kWh	1,180	1,390
Dimensions		HxWxD	mm	290x1,050x230	360x1,570x200
Weight			kg	13	26
Air flow rate	cooling	H/L	m^3/min	19/15	23/19
	heating	H/L	m^3/min	19/15	23/19
Sound pressure level	cooling	H/L	dB(A)	43/37	45/41
	heating	H/L	dB(A)	43/37	45/41
Sound power level	cooling	H/L	dB(A)	59/53	61/57
	heating	H/L	dB(A)	59/53	61/57
Refrigerant type				R-410A	
Power supply			V1	1~, 50Hz, 230V	
Infrared remote control	heat pump			BRC7E618	BRC7C510W
Wired remote control				BRC1D527	

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

new

OUTDOOR UNIT				RZQ71B8V3B	RZQ100B8V3B/B7W1B
Dimensions		HxWxD	mm	770x900x320	1,345x900x320
Weight			kg	68	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)
(night quiet mode)	heating	H	dB(A)	49	51
Sound power level	cooling	H	dB(A)	63	65
Operation range	cooling	from~to	°CDB	-15~50	
	heating	from~to	°CWB	-20~15.5	
Refrigerant type				R-410A	
Power supply				1~, 230V, 50Hz / 3N~, 400V, 50Hz	

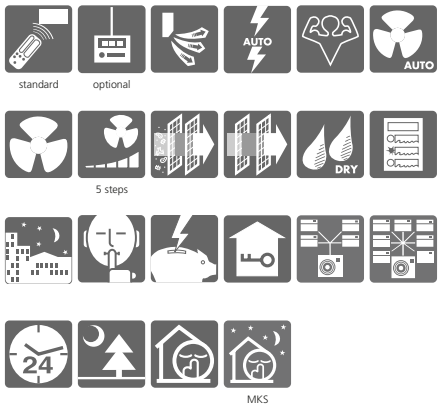
FLKS-B / RKS-D/B

Flexi type unit

FLKS25,35B

RKS25,35D

- Can be fitted on either ceiling or lower part of wall (e.g. beneath a window)
- Consumes up to 30% less energy than non-inverter units
- Washable grille
- Achieves set temperature more quickly
- Automatic air flow director ensures uniform air flow and temperature distribution
- Home leave operation saves energy during absence
- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



COOLING ONLY			INVERTER				NON-INVERTER
INDOOR UNIT (air cooled)			**FLKS25BVMB**	**FLKS35BVMB**	**FLKS50BVMB**	**FLKS60BVMB**	**FLKS50BVMB**
Cooling capacity	min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8	0.90~4.90~5.30	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	4.90 (nom.)
Nominal input	min~nom~max	kW	0.30~0.78~0.96	0.30~1.16~1.27	0.45~1.72~1.95		1.72 (nom.)
EER			3.21	3.02	2.85		2.85
Energy label			A	B	C		C
Annual energy consumption	cooling	kWh	390	580	860		860
Dimensions	HxWxD	mm	490x1,050x200				
Weight		kg	16		17		
Air flow rate	H/L/SL	m^3/min	7.6/*/*	8.6/*/*	11.4/8.5/7.5	12.0/9.3/8.3	11.4/8.5/7.5
Sound pressure level	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39	47/39/36
Sound power level	H	dB(A)	53	54	63	64	63
Refrigerant type			R-410A				R-410A
Power supply			1~, 220-240/220-230V, 50/60Hz				1~, 220-240/220-230V, 50/60Hz
Infrared remote control		VM	ARC433A6				ARC433A6

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

			new	new		new	
OUTDOOR UNIT			**RKS25DVMB**	**RKS35DVMB**	**RKS50BVMB9**	**4MKS75,90DVMB**	**RS50BVMB**
Dimensions	HxWxD	mm	550x765x285		735x825x300	Multi application only. For more specifications please refer to page 103 of this catalogue	735x825x300
Weight		kg	30	32	49		49
Sound pressure level	cooling H/L	dB(A)	46/43	47/44	47/*		47/*
Sound power level	cooling H	dB(A)	61	62	63		63
Operation range	cooling from~to	°CDB	-10~46		-10(-15**)~46		-10~46
Refrigerant type			R-410A		R-410A		R-410A
Power supply		VM	1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz

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

FLXS-B / RXS-D/B

Flexi type unit

FLXS50,60B

RXS50B

- Can be fitted on either ceiling or lower part of wall (e.g. beneath a window)
- Consumes up to 30% less energy than non-inverter units
- Washable grille
- Achieves set temperature more quickly
- Automatic air flow director ensures uniform air flow and temperature distribution
- Home leave operation saves energy during absence
- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)

standard optional

5 steps

MXS (cooling mode)

HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FLXS25BVMB	FLXS35BVMB	FLXS50BVMB	FLXS60BVMB
Cooling capacity		min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8	0.90~4.90~5.30	
Heating capacity		min~nom~max	kW	1.3~3.4~4.5	1.4~4.0~5.0	0.90~6.10~7.50	
Nominal input	cooling	min~nom~max	kW	0.30~0.78~0.96	0.30~1.16~1.27	0.45~1.72~1.95	For more detailed information about capacities, power input, EER/COP, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.
	heating	min~nom~max	kW	0.29~1.00~1.50	0.31~1.25~1.86	0.31~1.82~3.54	
EER	cooling			3.21	3.02	2.85	
COP	heating			3.40	3.20	3.35	
Energy label	cooling			A	B	C	
	heating			B	C	C	
Annual energy consumption	cooling		kWh	390	580	860	
Dimensions		HxWxD	mm	490x1,050x200			
Weight			kg	16		17	
Air flow rate	cooling	H/L/SL	m^3/min	7.6/*/*	8.6/*/*	11.4/8.5/7.5	12.0/9.3/8.3
	heating	H/L/SL	m^3/min	9.2/*/*	9.8/*/*	12.1/7.5/6.8	12.8/8.4/7.5
Sound pressure level	cooling	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
	heating	H/L/SL	dB(A)	37/31/29	39/33/30	46/35/33	47/37/34
Sound power level	cooling/heating	H	dB(A)	53/*	54/*	63/*	64/63
Refrigerant type				R-410A			
Power supply				1~, 220-240/220-230V, 50/60Hz			
Infrared remote control			VM	ARC433A5			

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

OUTDOOR UNIT				new RXS25DVMB	new RXS35DVMB	RXS50BVMB	new 4MXS68,80DVMB / RMXS112,140,160D
Dimensions		HxWxD	mm	550x765x285		735x825x300	
Weight			kg	30	32	49	
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/*	Multi application only. For more specifications please refer to page 105 and 109 of this catalogue
	heating	H/L	dB(A)	47/44	48/45	48/*	
Sound power level	cooling/heating	H	dB(A)	61/62	62/63	63	
Operation range	cooling	from~to	°CDB	-10~46		-10~46	
	heating	from~to	°CWB	-15~20		-15~18	
Refrigerant type				R-410A		R-410A	
Power supply			VM	1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz	

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

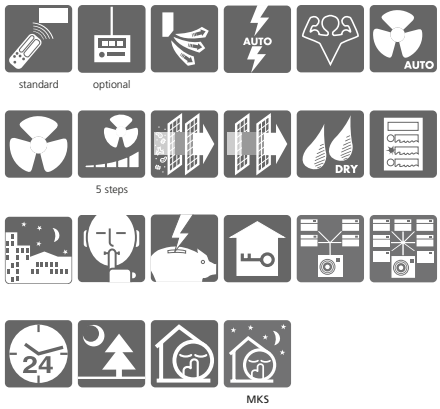
FVKS-B / RKS-D/B

Floor standing unit

FVKS25,35B

RKS25,35D

- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Dual air discharge flow for better air distribution
- lightweight and compact
- Easy washable grille
- Can be installed against a wall or recessed
- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)



COOLING ONLY			INVERTER			NON-INVERTER
INDOOR UNIT (air cooled)			**FVKS25BVMB**	**FVKS35BVMB**	**FVKS50BVMB**	**FVKS50BVMB**
Cooling capacity	min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8	0.90~4.80~5.30	4.80 (nominal)
Nominal input	min~nom~max	kW	0.30~0.70~0.92	0.30~1.09~1.25	0.45~1.70~2.35	1.70 (nominal)
EER			3.57	3.21	2.82	2.82
Energy label			A	A	C	C
Annual energy consumption	cooling	kWh	350	545	850	850
Dimensions	HxWxD	mm	600x650x195			600x650x195
Weight		kg	13			13
Air flow rate	H/L/SL	m³/min	8.1/*/*	8.3/*/*	10.8/7.7/6.7	10.8/7.7/6.7
Sound pressure level	H/L/SL	dB(A)	38/26/23	39/27/24	44/36/33	44/36/33
Sound power level	H	dB(A)	54	55	56	56
Refrigerant type			R-410A			R-410A
Power supply		VM	1~, 220-230/220-240V, 50/60Hz			1~, 220-230/220-240V, 50/60Hz
Infrared remote control			ARC433A6			ARC433A6

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

			new	new		
OUTDOOR UNIT			**RKS25DVMB**	**RKS35DVMB**	**RKS50BVMB9**	**RS50BVMB**
Dimensions	HxWxD	mm	550x765x285		735x825x300	735x825x300
Weight		kg	30	32	49	49
Sound pressure level	H/L	dB(A)	46/43	47/44	47/*	47/*
Sound power level	H	dB(A)	61	62	63	63
Operation range	from~to	°CDB	-10~46		-10(-15**)~46	-10~46
Refrigerant type			R-410A		R-410A	R-410A
Power supply		VM	1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz	1~, 220-240/220-230V, 50/60Hz

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

FVXS-B / RXS-D/B

Floor standing unit

FVXS50B

RXS50B

- Consumes up to 30% less energy than non-inverter units
- Achieves set temperature more quickly
- Home leave operation saves energy during absence
- Dual air discharge flow for better air distribution
- lightweight and compact
- Easy washable grille
- Can be installed against a wall or recessed
- Air purification and photocatalytic deodorising filter
- Powerful mode can be selected for rapid cooling and/or heating
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application + cooling mode)

HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FVXS25BVMB	FVXS35BVMB	FVXS50BVMB
Cooling capacity		min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8	0.90~4.80~5.30
Heating capacity		min~nom~max	kW	1.3~3.4~4.5	1.4~4.5~5.0	0.90~6.00~7.70
Nominal input	cooling	min~nom~max	kW	0.30~0.70~0.920	0.30~1.09~1.25	0.45~1.70~2.35
	heating	min~nom~max	kW	0.29~0.90~1.39	0.31~1.32~1.88	0.31~1.87~2.60
EER	cooling			3.57	3.21	2.82
COP	heating			3.78	3.41	3.21
Energy label	cooling			A	A	C
	heating			A	B	C
Annual energy consumption	cooling		kWh	350	545	850
Dimensions		HxWxD	mm	600x650x195		
Weight			kg	13		
Air flow rate	cooling	H/L/SL	m^3/min	8.1/*/*	8.3/*/*	10.8/7.7/6.7
	heating	H/L/SL	m^3/min	9.2/*/*	9.2/*/*	13.2/9.4/8.3
Sound pressure level	cooling	H/L/SL	dB(A)	38/26/23	39/27/24	44/36/33
	heating	H/L/SL	dB(A)	38/26/23	39/29/36	45/36/33
Sound power level	cooling	H	dB(A)	54	55	56
Refrigerant type				R-410A		
Power supply			VM	1~, 220-230/220-240V, 50/60Hz		
Infrared remote control				ARC433A5		

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

new new

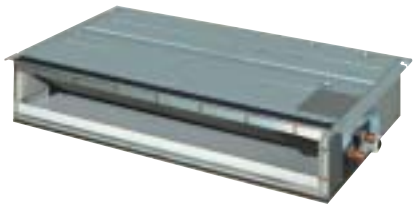
OUTDOOR UNIT				RXS25DVMB	RXS35DVMB	RXS50BVMB
Dimensions		HxWxD	mm	550x765x285		735x825x300
Weight			kg	30	32	49
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/*
	heating	H/L	dB(A)	47/44	48/45	48/*
Sound power level	cooling/heating	H	dB(A)	61/62	62/63	63
Operation range	cooling	from~to	°CDB	-10~46		-10~46
	heating	from~to	°CWB	-15~20		-15~18
Refrigerant type				R-410A		R-410A
Power supply			VM	1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz

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

FDKS-C / RKS-D
CDKS-C / MKS-D

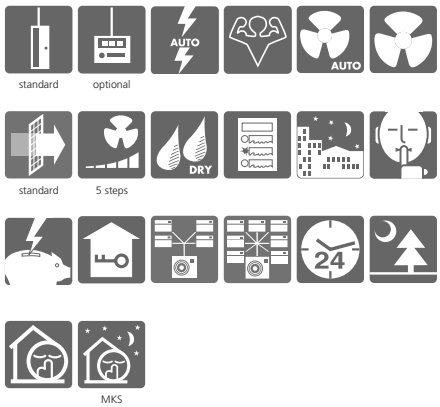
Slim concealed ceiling unit

CDKS25,35,50,60C



RKS25,35D

- Slim design for flexible installation
- Compact dimensions: can easily be mounted in a ceiling void of only 240 mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Powerful mode can be selected for rapid cooling
- The home leave operation saves energy during absence
- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application and cooling only mode)
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths



COOLING ONLY

new new

INDOOR UNIT			FDKS25CVMB	FDKS35CVMB	CDKS50CVMB	CDKS60CVMB
Cooling capacity	min~nom~max	kW	1.3~2.4~3.0	1.4~3.4~3.8	For more detailed information about capacities, power input, EER and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	
Nominal input	min~nom~max	kW	0.30~0.845~1.06	0.30~1.30~1.455		
EER			2.84	2.62		
Energy label			C	D		
Annual energy consumption	cooling	kWh	423	650		
Dimensions	HxWxD	mm	200x900x620		200x900x620	200x1,100x620
Weight		kg	25		27	30
Air flow rate	H/L/SL	m³/min	9.5~8.0~6.7	10.0~8.5~7.0	12.0/10.0/8.4	16.0/13.5/11.2
Sound pressure level	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	H	dB(A)	53	53	55	56
Refrigerant type			R-410A		R-410A	
Power supply		VM	1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz	
Infrared remote control			ARC433A8		ARC433A8	

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

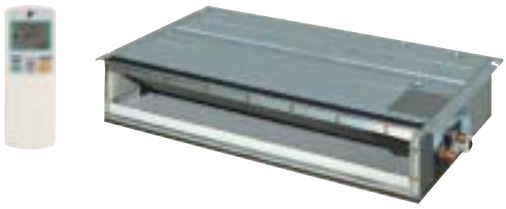
new

OUTDOOR UNIT			RKS25DVMB	RKS35DVMB	4MKS58,75,90DVMB
Dimensions	HxWxD	mm	550x765x285		Multi application only. For more specifications please refer to page 103 of this catalogue
Weight		kg	30		
Sound pressure level	H/L	dB(A)	46/43	47/44	
Sound power level	H	dB(A)	61	61	
Operation range	from~to	°CDB	-10~46		
Refrigerant type			R-410A		
Power supply		VM	1~, 220-240/220-230V, 50/60Hz		

FDXS-C / RXS-D
CDXS-C / MXS-D

Slim concealed ceiling unit

CDXS25,35,50,60C



RXS25,35D

- Slim design for flexible installation
- Compact dimensions: can easily be mounted in a ceiling void of only 240 mm
- Blends unobtrusively with any interior décor
- Can be installed in both new and existing buildings
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Powerful mode can be selected for rapid cooling
- The home leave operation saves energy during absence
- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Indoor unit silent operation
- Outdoor unit silent operation
- Night quiet mode (only in multi application and cooling only mode)
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths

standard optional

standard 5 steps

MXS (cooling mode)

HEAT PUMP

new new

INDOOR UNIT				FDXS25CVMB	FDXS35CVMB	CDXS50CVMB	CDXS60CVMB
Cooling capacity		min ~ nom ~ max	kW	1.3 ~ 2.4 ~ 3.0	1.4 ~ 3.4 ~ 3.8	For more detailed information about capacities, power input, EER/COP and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	
		min ~ nom ~ max	kW	1.3 ~ 3.2 ~ 4.5	1.4 ~ 4.1 ~ 5.0		
Nominal input		min ~ nom ~ max	kW	0.30 ~ 0.845 ~ 1.06	0.30 ~ 1.303 ~ 1.455		
		min ~ nom ~ max	kW	0.29 ~ 0.935 ~ 1.50	0.31 ~ 1.44 ~ 1.95		
EER	cooling			2.84	2.62		
COP	heating			3.42	2.85		
Energy label	cooling			C	D		
	heating			B	D		
Annual energy consumption	cooling		kWh	423	650		
Dimensions		HxWxD	mm	200x900x620		200x900x620	200x1,100x620
Weight			kg	25		27	30
Air flow rate	cooling	H/L/SL	m^3/min	9.5 ~ 8.0 ~ 6.7	10.0 ~ 8.5 ~ 7.0	12.0/10.0/8.4	16.0/13.5/11.2
	heating	H/L/SL	m^3/min	9.5 ~ 8.0 ~ 6.7	10.0 ~ 8.5 ~ 7.0	12.0/10.0/8.4	16.0/13.5/11.2
Sound pressure level	cooling	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
	heating	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	cooling/heating	H	dB(A)	53/53	53/53	55	56
Refrigerant type				R-410A		R-410A	
Power supply			VM	1~, 220-240/220-230V, 50/60Hz		1~, 220-240/220-230V, 50/60Hz	
Infrared remote control				ARC433A7		ARC433A7	

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

new

OUTDOOR UNIT				RXS25DVMB	RXS35DVMB	2,3MXS52D/4MXS68,80D/RMXS112,140,160D
Dimensions		HxWxD	mm	550x765x285		Multi application only. For more specifications please refer to page 105 and 109 of this catalogue.
Weight			kg	30		
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	
	heating	H/L	dB(A)	47/44	48/45	
Sound power level	cooling/heating	H	dB(A)	61	61	
Operation range	cooling	from ~ to	°CDB	-10(-15) ~ 46		
	heating	from ~ to	°CWB	-15 ~ 20		
Refrigerant type				R-410A		
Power supply			VM	1~, 220-240/220-230V, 50/60Hz		

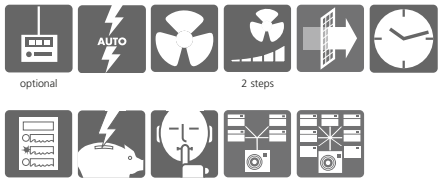
FDBQ-B / MKS-D

Concealed ceiling unit

FDBQ25B

4MKS90D

- Compact and unobtrusively
- Ideal for use in hotel bedrooms
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Quiet in operation
- Since the casing is very compact, the indoor unit can easily be mounted within a ceiling void
- Only air suction and discharge grilles are visible



COOLING ONLY — INVERTER

INDOOR UNIT (air cooled)			FDBQ25B7V1
Dimensions	HxWxD	mm	230x652x502
Weight		kg	17
Air flow rate	H/L	m^3/min	6.5/5.2
Sound pressure level	H/L	dB(A)	35/28
Sound power level	H/L	dB(A)	55/49
Wired remote control			BRC1D527
Refrigerant type			R-410A
Power supply		V1	1~, 230V, 50Hz

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

new

OUTDOOR UNIT			2MKS40DVMB	3MKS50DVMB	4MKS58DVMB	4MKS75DVMB	4MKS90DVMB
Dimensions	HxWxD	mm	640x685x285	735x936x300			908x900x320
Weight		kg	39	55	55	58	66
Sound pressure level	H/L	dB(A)	47/43	46/*	46/*	48/*	48/*
Sound power level	H	dB(A)	62	59	59	61	61
Operation range	from ~ to	°CDB	+10~46	-10~46			
Refrigerant type			R-410A				
Power supply		VM	1~,220-240/220-230V,50/60HZ				

Only connectable to Multi outdoor units.
* This information was not available at the time of publication.

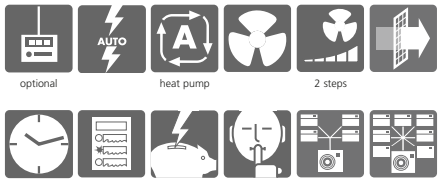
FDBQ-B / MXS-D

Concealed ceiling unit

FDBQ25B

3MX52D,4MXS68D

- Compact and unobtrusively
- Ideal for use in hotel bedrooms
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Quiet in operation
- Since the casing is very compact, the indoor unit can easily be mounted within a ceiling void
- Only air suction and discharge grilles are visible



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FDBQ25B7V1
Dimensions		HxWxD	mm	230x652x502
Weight			kg	17
Air flow rate	cooling	H/L	m^3/min	6.5/5.2
	heating	H/L	m^3/min	6.95/5.2
Sound pressure level	cooling	H/L	dB(A)	35/28
	heating	H/L	dB(A)	35/29
Sound power level	cooling	H/L	dB(A)	55/49
	heating	H/L	dB(A)	55/49
Wired remote control				BRC1D527
Refrigerant type				R-410A
Power supply				1~, 230V, 50Hz

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

new

OUTDOOR UNIT				2MXS40DVMB	2MXS52DVMB	3MXS52DVMB	4MXS68DVMB	4MXS80DVMB
Dimensions		HxWxD	mm	640x685x285	735x936x300			908x900x320
Weight			kg	39	55	55	59	73
Sound pressure level	cooling	H/L	dB(A)	47/43	46/*	46/*	48/*	48/*
	heating	H/L	dB(A)	48/44	47/*	47/*	49/*	49/*
Sound power level	cooling	H	dB(A)	62	59	59	61	61
Operation range	cooling	from ~ to	°CDB	+10 ~ 46	-10 ~ 46			
	heating	from ~ to	°CDB	-10 ~ 15.5	-15 ~ 15.5			
Refrigerant type				R-410A				
Power supply				1~, 220-240/220-230V, 50/60Hz				

Only connectable to Multi outdoor units.
* This information was not available at the time of publication.

FBQ-B / RKS-D/B

Concealed ceiling unit

FBQ35,50B

RKS35D

- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms
- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B7

COOLING ONLY / INVERTER

INDOOR UNIT (air cooled)				FBQ35B7V1	FBQ50B7V1	FBQ60B7V1
Cooling capacity		min~nom~max	kW	3.40 (nom.)	0.90~5.00~5.60	0.90~5.70~6.00
Nominal input		nominal	kW	1.21	1.92	2.19
EER				2.81	2.60	2.60
Energy label				C	E	E
Annual energy consumption		cooling	kWh	605	960	1,095
Dimensions		HxWxD	mm	300x700x800		300x1,000x800
Weight			kg	30	31	41
Air flow rate		H/L	m^3/min	11.5/9	14/10	19/14
Sound pressure level		H/L	dB(A)	33/29	33/29	34/30
Sound power level		H	dB(A)	52	53	60
Refrigerant type				R-410A		
Power supply			V1	1~, 50Hz, 230V		
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500
Weight		decoration panel	kg	3.5		4.5

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

new

OUTDOOR UNIT				RKS35DVMB	RKS50BVMB9	RKS60BVMB9
Dimensions		HxWxD	mm	550x765x285	735x825x300	
Weight			kg	32	49	53
Sound pressure level		H/L	dB(A)	47/44	47/-	49/-
Sound power level		H	dB(A)	62	63	64
Operation range	cooling	from ~ to	°CDB	-10~46	-10(-15*)~46	
Refrigerant type				R-410A		
Power supply			VM	1~,220~240V/220~230V, 50/60Hz		

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

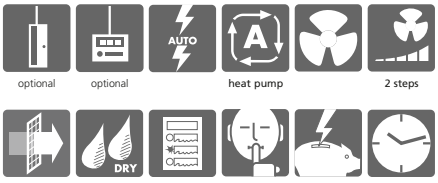
FBQ-B / RXS-D/B

Concealed ceiling unit

FBQ35,50B

RXS50,60B

- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms
- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B7



HEAT PUMP				INVERTER		
INDOOR UNIT (air cooled)				**FBQ35B7V1**	**FBQ50B7V1**	**FBQ60B7V1**
Cooling capacity		min ~ nom ~ max	kW	3.40 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Heating capacity		min ~ nom ~ max	kW	4.10 (nom.)	0.90 ~ 6.00 ~ 7.00	0.90 ~ 7.00 ~ 8.00
Nominal input	cooling	nominal	kW	1.21	1.92	2.19
	heating	nominal	kW	1.28	1.87	2.50
EER				2.81	2.60	2.60
COP				3.20	3.21	2.80
Energy label	cooling			C	E	E
	heating			C	C	E
Annual energy consumption	cooling		kWh	605	960	1,095
Dimensions		HxWxD	mm	300x700x800		300x1,000x800
Weight			kg	30	31	41
Air flow rate	cooling	H/L	m^3/min	11.5/9	14/10	19/14
	heating	H/L	m^3/min	11.5/9	14/10	19/14
Sound pressure level	cooling	H/L	dB(A)	33/29	33/29	34/30
	heating	H/L	dB(A)	33/29	33/29	34/30
Sound power level	cooling	H	dB(A)	52	53	60
	heating	H	dB(A)	52	53	60
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500
Weight		decoration panel	kg	3.5		4.5

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

new

OUTDOOR UNIT				RXS35DVMB	RXS50BVMB	RXS60BVMB
Dimensions		HxWxD	mm	550x765x285	735x825x300	
Weight			kg	32	49	53
Sound pressure level	cooling	H/L	dB(A)	47/44	47/-	49/-
	heating	H/L	dB(A)	48/45	48/-	49/-
Sound power level	cooling	H	dB(A)	62	63	64
	heating	H	dB(A)	63	64	64
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		
	heating	from ~ to	°CWB	-15 ~ 18		
Refrigerant type				R-410A		
Power supply			VM	1~, 220 ~ 240V/220 ~ 230V, 50/60Hz		

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

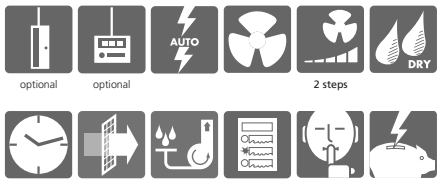
FBQ-B / RR-B

Concealed ceiling unit

FDQ125B

RR125B

- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms
- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B7



COOLING ONLY — NON-INVERTER

INDOOR UNIT (air cooled)				FBQ71B7V3B	FBQ100B7V3B	FBQ125B7V3B
Cooling capacity		nominal	kW	7.10	10.00	12.20
Nominal input		nominal	kW	2.71/2.59	3.77/3.58	4.67
EER				2.62/2.74	2.65/2.79	2.61
Energy label				D/D	D/D	D
Annual energy consumption		cooling	kWh	1,355/1,295	1,885/1,790	2,335
Dimensions		HxWxD	mm	300x1,000x800	300x1,400x800	
Weight			kg	41	51	52
Air flow rate		H/L	m³/min	19/14	27/20	35/24
Sound pressure level		H/L	dB(A)	34/30	36/31	38/32
Sound power level		H	dB(A)	60	62	63
Refrigerant type				R-410A		
Power supply			V3	1~, 50Hz, 230V		
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS71DJW1	BYBS125DJW1	
Dimensions	HxWxD	decoration panel	mm	55x1,000x500	55x1,400x500	
Weight		decoration panel	kg	4.5	6.5	

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

new

OUTDOOR UNIT			RR71B7V3B/W1B	RR100B7V3B/W1B	RR125B7W1B
Dimensions	HxWxD	mm	770x900x320	1,170x900x320	
Weight		kg	83/81	102/99	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB	-15~46		
Refrigerant type			R-410A		
Power supply		V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

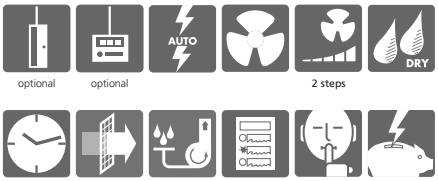
FBQ-B / RQ-B

Concealed ceiling unit

FBQ100,125B

RQ125B

- Lightweight and compact
- Blends unobtrusively with any interior décor
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms
- Quiet operation
- The maximum external static pressure (ESP) is 88Pa for FBQ-B7



HEAT PUMP — NON-INVERTER

INDOOR UNIT (air cooled)				FBQ71B7V3B	FBQ100B7V3B	FBQ125B7V3B
Cooling capacity		nominal	kW	7.10	10.00	12.20
Heating capacity		nominal	kW	8.00	11.20	14.50
Nominal input	cooling	nominal	kW	2.71/2.59	3.77/3.56	4.67
	heating	nominal	kW	2.49	3.92/3.88	4.52
EER				2.62/2.74	2.65/2.81	2.61
COP				3.21	2.86/2.89	3.21
Energy label	cooling			D/D	D/C	D
	heating			C	D/D	C
Annual energy consumption	cooling		kWh	1,355/1,295	1,885/1,780	2,335
Dimensions		HxWxD	mm	300x1,000x800	300x1,400x800	
Weight			kg	41	51	52
Air flow rate	cooling	H/L	m^3/min	19/14	27/20	35/24
	heating	H/L	m^3/min	19/14	27/20	35/24
Sound pressure level	cooling	H/L	dB(A)	34/30	36/31	38/32
	heating	H/L	dB(A)	34/30	36/31	38/32
Sound power level	cooling	H	dB(A)	60	62	63
Refrigerant type				R-410A		
Power supply			V1	1~, 50Hz, 230V		
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS71DJW1	BYBS125DJW1	
Dimensions	HxWxD	decoration panel	mm	55x1,000x500	55x1,400x500	
Weight		decoration panel	kg	4.5	6.5	

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

new

OUTDOOR UNIT				RQ71B7V3B/W1B	RQ100B7V3B/W1B	RQ125B7W1B
Dimensions		HxWxD	mm	770x900x320	1,170x900x320	
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB	-5~46		
	heating	from ~ to	°CWB	-10~15		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

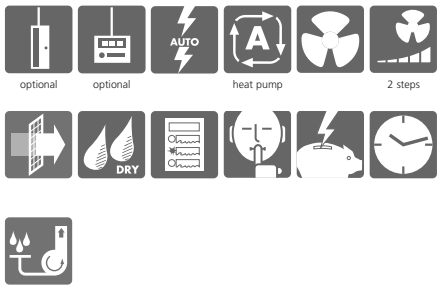
FBQ-B / RZQ-B

Concealed ceiling unit

FBQ100,125B

RZQ100,125B

- Lightweight and compact
- Blends unobtrusively with any interior décor
- Only air suction and discharge grilles are visible
- The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms
- Optimum air distribution
- Quiet operation
- The maximum external static pressure (ESP) is 88Pa.



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FBQ71B7V3B	FBQ100B7V3B	FBQ125B7V3B
Cooling capacity		min~nom~max	kW	7.10 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity		min~nom~max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.145	2.86	3.98
	heating	nominal	kW	2.312	3.00	3.99
EER				3.31	3.50	3.14
COP				3.46	3.73	3.51
Energy label		cooling		A	A	B
		heating		B	A	B
Annual energy consumption		cooling	kWh	1,072.5	1,430	1,990
Dimensions	HxWxD		mm	300x1,000x800	300x1,400x800	
Weight			kg	41	51	52
Air flow rate	cooling	H/L	m^3/min	19/14	27/20	35/24
	heating	H/L	m^3/min	19/14	27/20	35/24
Sound pressure level	cooling	H/L	dB(A)	34/30	36/31	38/32
	heating	H/L	dB(A)	34/30	36/31	38/32
Sound power level	cooling	nominal	dB(A)	60	62	63
Refrigerant type				R-410A		
Power supply			V3	1~, 230V, 50Hz		
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS71DJW1	BYBS125DJW1	
Dimensions	HxWxD	decoration panel	mm	55x1,000x500	55x1,400x500	
Weight		decoration panel	kg	4.5	6.5	

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

new

OUTDOOR UNIT				RZQ71B8V3B	RZQ100B8V3B/B7W1B	RZQ125B8V3B/B7W1B
Dimensions		HxWxD	mm	770x900x320	1,345x900x320	
Weight			kg	68	106	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
(night quiet mode)	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from~to	°CDB	-15~50		
	heating	from~to	°CWB	-20~15.5		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 230V, 50Hz, 3N~, 400V, 50Hz		

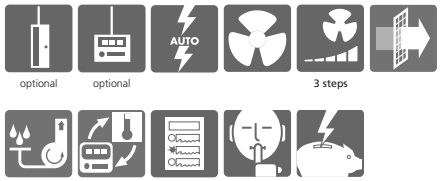
FDQ-B / RR-B

Concealed ceiling unit

FDQ125B

RR125B

- Compact casing
- Blends unobtrusively with any interior décor
- Only air suction & discharge grilles are visible
- The maximum external static pressure (ESP) ranges from 150 till 250Pa.
- Optimum air distribution



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FDQ125B7V3B
Cooling capacity	nominal	kW	12.50
Nominal input	nominal	kW	4.79
EER			2.61
Energy label			D
Annual energy consumption	cooling	kWh	2,395
Dimensions	HxWxD	mm	350x1,400x662
Weight		kg	59
Air flow rate	H/L	m^3/min	43/43
Sound pressure level	H/L	dB(A)	44/44
Sound power level	H	dB(A)	75
Refrigerant type			R-410A
Power supply		V3	1~, 230V, 50Hz
Wired remote control			BRC1D527

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

new

OUTDOOR UNIT			RR125B7W1B
Dimensions	HxWxD	mm	1,170x900x320
Weight		kg	106
Sound pressure level	nominal	dB(A)	53
Sound power level	nominal	dB(A)	67
Operation range	from ~ to	°CDB	-15~46
Refrigerant type			R-410A
Power supply		W1	3N~, 400V,50Hz

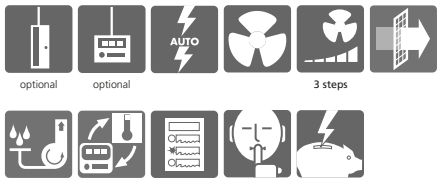
FDQ-B / RQ-B

Concealed ceiling unit

FDQ125B

RQ125B

- Compact casing
- Blends unobtrusively with any interior décor
- Only air suction & discharge grilles are visible
- The maximum external static pressure (ESP) ranges from 150 till 250Pa.
- Optimum air distribution



HEAT PUMP

NON-INVERTER

INDOOR UNIT				FDQ125B7V1B
Cooling capacity		nominal	kW	12.50
Heating capacity		nominal	kW	14.60
Nominal input	cooling	nominal	kW	4.79
	heating	nominal	kW	4.51
EER				2.61
COP				3.24
Energy label	cooling			D
	heating			C
Annual energy consumption	cooling		kWh	2,395
Dimensions		HxWxD	mm	350x1,400x662
Weight			kg	59
Air flow rate	cooling	H/L	m^3/min	43/43
	heating	H/L	m^3/min	43/43
Sound pressure level	cooling	H/L	dB(A)	44/44
	heating	H/L	dB(A)	44/44
Sound power level	cooling	nominal	dB(A)	75
Refrigerant type				R-410A
Power supply			V1	1~, 230V, 50Hz
Wired remote control				BRC1D527

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

new

OUTDOOR UNIT				RQ125B7W1B
Dimensions		HxWxD	mm	1,170x900x320
Weight			kg	108
Sound pressure level	cooling	nominal	dB(A)	53
Sound power level	cooling	nominal	dB(A)	67
Operation range	cooling	from ~ to	°CDB	-5~46
	heating	from ~ to	°CWB	-10~15
Refrigerant type				R-410A
Power supply			W1	3N~, 50Hz, 400V

FDQ-B7 / RZQ-B7

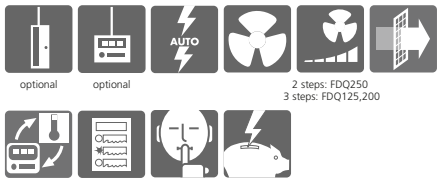
Concealed ceiling unit

new

FDQ200,250B

RZQ200,250B

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



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FDQ125B7V1B	FDQ200B7V1B	FDQ250B7V1B
Cooling capacity		min~nom~max	kW	12.50 (nom.)	20 (nom.)	25 (nom.)
Heating capacity		min~nom~max	kW	14.00 (nom.)	23 (nom.)	27 (nom.)
Nominal input	cooling	nominal	kW	4.15	6.43	8.31
	heating	nominal	kW	3.69	7.54	8.85
EER				3.01	-	-
COP				3.79	-	-
Energy label	cooling			B	-	-
	heating			A	-	-
Annual energy consumption			kWh	2,075	-	-
Dimensions		HxWxD	mm	350x1,400x662	450x1,400x900	
Weight			kg	59	87	92
Air flow rate	cooling	H/L	m^3/min	43/43	69 (M)	89 (M)
	heating	H/L	m^3/min	43/43	69 (M)	89 (M)
Sound pressure level	cooling	H/L	dB(A)	44/44	45/	45/
Sound power level	cooling	nominal	dB(A)	75	81	81
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Wired remote control				BRC1D527		

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

OUTDOOR UNIT				RZQ125B8V3B/B7W1B	RZQ200B7W1B	RZQ250B7W1B
Dimensions		HxWxD	mm	1,345x900x320	1,600x930x765	
Weight			kg	106		
Sound pressure level	cooling	H	dB(A)	50 (45)		
(night quiet mode)	heating	H	dB(A)	52		
Sound power level	cooling	H	dB(A)	66		
Operation range	cooling	from ~ to	°CDB	-15~50	-5~46	
	heating	from ~ to	°CWB	-20~15.5	-15~15	
Refrigerant type				R-410A		
Power supply			V3/W1	1~,50Hz, 230V/3N~, 50Hz, 400V		

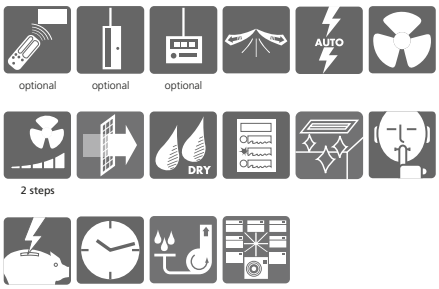
FFQ-B / RKS-D/B

4-Way blow ceiling mounted cassette

FFQ25,35,50,60B

RKS25,35D

- Extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules
- Modern style decoration panel in super white (RAL9010)
- Possibility to shut off one or two flaps for easy installation in corners
- Whisper quiet operation with sound pressure levels as low as 24.5 dB(A)
- Automatic air flow director ensures uniform air flow and temperature distribution
- Excellent low draught characteristics
- Since the switch box is located inside the unit, it is easy to install and maintain the cassette in any ceiling type or pattern
- Furthermore the switch box can be reached by simply removing the suction grill; therefore maintenance can be done very easily



COOLING ONLY

INVERTER

INDOOR UNIT (air cooled)				FFQ25B7V1B	FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Cooling capacity		min ~ nom ~ max	kW	1.3 ~ 2.5 ~ 3.0	1.4 ~ 3.4 ~ 3.7	0.90 ~ 4.70 ~ 5.60	0.90 ~ 5.80 ~ 6.00
Nominal input		min ~ nom ~ max	kW	0.30 ~ 0.83 ~ 1.10	0.30 ~ 1.30 ~ 1.4	0.45 ~ 1.80 ~ 2.26	0.45 ~ 2.07 ~ 2.15
EER				3.01	2.62	2.61	2.80
Energy label				B	D	D	D
Annual energy consumption		cooling	kWh	415	650	900	1,035
Dimensions		HxWxD	mm	286x575x575			
Weight			kg	17.5			
Air flow rate		H/L	m^3/min	9/6.5	10/6.5	12/8	15/10
Sound pressure level		H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level		H	dB(A)	46.5	49	53	58
Refrigerant type				R-410A			
Power supply			V1	1 ~, 230V, 50Hz			
Infrared remote control				BRC7E531W7			
Wired remote control				BRC1D527			
DECORATION PANEL				BYFQ60B7W1			
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

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

new new

OUTDOOR UNIT				RKS25DVMB	RKS35DVMB	RKS50BVMB9	RKS60BVMB9
Dimensions		HxWxD	mm	550x765x285		735x825x300	
Weight			kg	30	32	49	53
Sound pressure level		H/L	dB(A)	46/43	47/44	47/-	49/-
Sound power level		H	dB(A)	61	62	63	64
Operation range		from ~ to	°CDB	-10 ~ 46		-10(-15*) ~ 46	
Refrigerant type				R-410A			
Power supply			VM	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz			

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

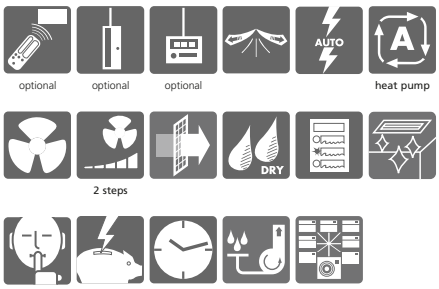
FFQ-B / RXS-D/B

4-Way blow ceiling mounted cassette

FFQ25,35,50,60B

RXS25,35B

- Extremely compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules
- Modern style decoration panel in super white (RAL 9010)
- Whisper quiet operation with sound pressure levels as low as 24.5 dB(A)
- Possibility to shut off one or two flaps for easy installation in corners
- Automatic air flow director ensures uniform air flow and temperature distribution
- Excellent low draught characteristics
- Since the switch box is located inside the unit, it is easy to install and maintain the cassette in any ceiling type or pattern
- Furthermore the switch box can be reached by simply removing the suction grill; therefore maintenance can be done very easily



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FFQ25B7V1B	FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Cooling capacity		min ~ nom ~ max	kW	1.3 ~ 2.5 ~ 3.0	1.4 ~ 3.4 ~ 3.7	0.90 ~ 4.70 ~ 5.60	0.90 ~ 5.80 ~ 6.00
Heating capacity		min ~ nom ~ max	kW	1.3 ~ 3.2 ~ 4.5	1.4 ~ 4.5 ~ 5.0	0.90 ~ 5.50 ~ 7.00	0.90 ~ 7.00 ~ 8.00
Nominal input	cooling	min ~ nom ~ max	kW	0.30 ~ 0.83 ~ 1.10	0.30 ~ 1.30 ~ 1.47	0.45 ~ 1.80 ~ 2.26	0.45 ~ 2.07 ~ 2.15
	heating	min ~ nom ~ max	kW	0.29 ~ 0.935 ~ 1.75	0.29 ~ 1.60 ~ 1.80	0.45 ~ 1.96 ~ 2.78	0.45 ~ 2.49 ~ 2.92
EER				3.01	2.62	2.61	2.80
COP				3.42	2.81	2.81	2.81
Energy label	cooling			B	D	D	D
	heating			B	D	D	D
Annual energy consumption	cooling		kWh	415	650	900	1,035
Dimensions		HxWxD	mm	286x575x575			
Weight			kg	17.5			
Air flow rate	cooling	H/L	m³/min	9/6.5	10/6.5	12/8	15/10
	heating	H/L	m³/min	9/6.5	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
	heating	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	46.5	49	53	58
	heating	H	dB(A)	46.5	49	53	58
Refrigerant type				R-410A			
Power supply			V1	1 ~, 230V, 50Hz			
Infrared remote control				BRC7E530W7			
Wired remote control				BRC1D527			
DECORATION PANEL				BYFQ60B7W1			
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

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

new new

OUTDOOR UNIT				RXS25DVMB	RXS35DVMB	RXS50BVMB	RXS60BVMB
Dimensions		HxWxD	mm	550x765x285		735x825x300	
Weight			kg	30	32	49	53
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/-	49/-
	heating	H/L	dB(A)	47/44	48/45	48/-	49/-
Sound power level	cooling	H	dB(A)	61	62	63	64
	heating	H	dB(A)	62	63	64	64
Operation range	cooling	from ~ to	°CDB	-10 ~ 46			
	heating	from ~ to	°CWB	-15 ~ 20			
Refrigerant type				R-410A			
Power supply			V/M	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz			

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

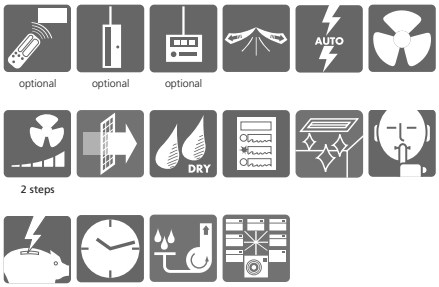
FCQ-B / RKS-D/B

4-Way blow ceiling mounted cassette

FCQ35,50,60B

RKS50,60B

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



COOLING ONLY — INVERTER

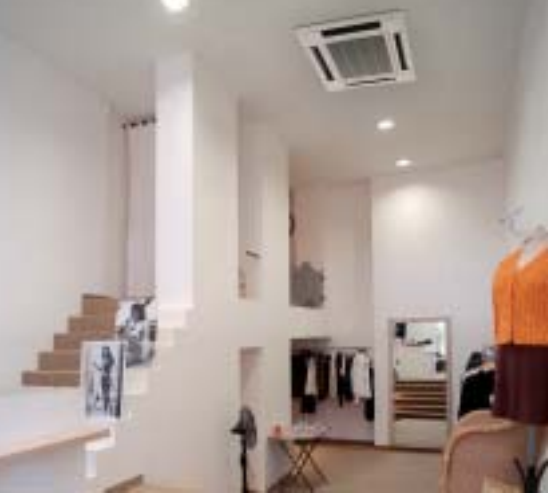
INDOOR UNIT (air cooled)				FCQ35B7V1	FCQ50B7V1	FCQ60B7V1
Cooling capacity		min ~ nom ~ max	kW	3.40 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Nominal input		nominal	kW	1.21	1.92	2.19
EER				2.81	2.60	2.60
Energy label				C	E	E
Annual energy consumption		cooling	kWh	605	960	1,095
Dimensions		HxWxD	mm	230x840x840		
Weight			kg	23	23	23
Air flow rate		H/L	m^3/min	14/10	15/11	18/14
Sound pressure level		H/L	dB(A)	31/27	31/27	33/28
Sound power level		H	dB(A)	48	48	50
Refrigerant type				R-410A		
Power supply			V1	1 ~, 230V, 50Hz		
Infrared remote control				BRC7C513W		
Wired remote control				BRC1D527		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

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

new

OUTDOOR UNIT			RKS35DVMB	RKS50BVMB9	RKS60BVMB9
Dimensions	HxWxD	mm	550x765x285	735x825x300	
Weight		kg	32	49	53
Sound pressure level	H/L	dB(A)	47/44	47/-	49/-
Sound power level	H	dB(A)	62	63	64
Operation range	from ~ to	°CDB	-10 ~ 46	-10(-15*) ~ 46	
Refrigerant type			R-410A		
Power supply		VM	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		

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



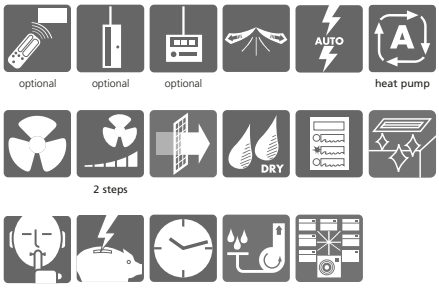
FCQ-B / RXS-D/B

4-Way blow ceiling mounted cassette

FCQ35,50,60B

RXS35D

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



HEAT PUMP				INVERTER		
INDOOR UNIT (air cooled)				**FCQ35B7V1**	**FCQ50B7V1**	**FCQ60B7V1**
Cooling capacity		min ~ nom ~ max	kW	3.4 (nom.)	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Heating capacity		min ~ nom ~ max	kW	4.1 (nom.)	0.90 ~ 6.00 ~ 7.00	0.90 ~ 7.00 ~ 8.00
Nominal input	cooling	nominal	kW	1.21	1.92	2.19
	heating	nominal	kW	1.28	1.87	2.19
EER				2.81	2.60	2.60
COP				3.20	3.21	3.20
Energy label	cooling			C	E	E
	heating			C	C	D
Annual energy consumption	cooling		kWh	605	960	1,095
Dimensions		HxWxD	mm	230x840x840		
Weight			kg	23	23	23
Air flow rate	cooling	H/L	m^3/min	14/10	15/11	18/14
	heating	H/L	m^3/min	14/10	15/11	18/14
Sound pressure level	cooling	H/L	dB(A)	31/27	31/27	33/28
	heating	H/L	dB(A)	31/27	31/27	33/28
Sound power level	cooling	H	dB(A)	48	48	50
	heating	H	dB(A)	48	48	50
Refrigerant type				R-410A		
Power supply			V1	1 ~, 230V, 50Hz		
Infrared remote control				BRC7C512W		
Wired remote control				BRC1D527		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

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

new

OUTDOOR UNIT				RXS35DVMB	RXS50BVMB	RXS60BVMB
Dimensions		HxWxD	mm	550x765x285	735x825x300	
Weight			kg	32	49	53
Sound pressure level	cooling	H/L	dB(A)	47/44	47/-	49/-
	heating	H/L	dB(A)	48/45	48/-	49/-
Sound power level	cooling	H	dB(A)	62	63	64
	heating	H	dB(A)	63	64	64
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		
	heating	from ~ to	°CWB	-15 ~ 20		
Refrigerant type				R-410A		
Power supply			VM	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		

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

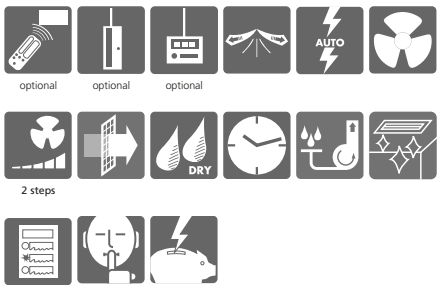
FCQ-B / RR-B

4-Way blow ceiling mounted cassette

FCQ71B

RR71B

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



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)				FCQ71B7V3B	FCQ100B7V3B	FCQ125B7V3B
Cooling capacity		nominal	kW	7.10	10.00	12.50
Nominal input		nominal	kW	2.72/2.66	3.83/3.56	4.66
EER				2.61/2.67	2.61/2.81	2.68
Energy label				D/D	D/C	D
Annual energy consumption		cooling	kWh	1,360/1,330	1,915/1,780	2,330
Dimensions	HxWxD		mm	230x840x840	288x840x840	
Weight			kg	23	27	27
Air flow rate		H/L	m^3/min	18/14	28/21	31/24
Sound pressure level		H/L	dB(A)	33/28	37/32	40/35
Sound power level		nominal	dB(A)	50	53	56
Refrigerant type				R-410A		
Power supply			V3	1~, 50Hz, 230V		
Infrared remote control				BRC7C513W		
Wired remote control				BRC1D527		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

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

new

OUTDOOR UNIT				RR71B7V3B/W1B	RR100B7V3B/W1B	RR125B7W1B
Dimensions	HxWxD		mm	770x900x320	1,170x900x320	
Weight			kg	83/81	102/99	106
Sound pressure level		nominal	dB(A)	50	53	53
Sound power level		nominal	dB(A)	63	66	67
Operation range		from ~ to	°CDB	-15~46		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

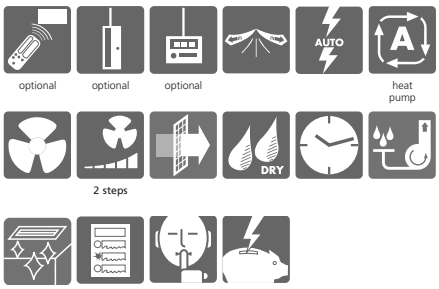
FCQ-B / RQ-B

4-Way blow ceiling mounted cassette

FCQ100,125B

RQ125B

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



HEAT PUMP				NON-INVERTER		
INDOOR UNIT (air cooled)				**FCQ71B7V1B**	**FCQ100B7V1B**	**FCQ125B7V1B**
Cooling capacity		nominal	kW	7.10	10.00	12.50
Heating capacity		nominal	kW	8.00	11.20	14.60
Nominal input	cooling	nominal	kW	2.72/2.66	3.83/3.56	4.66
	heating	nominal	kW	2.85/2.80	3.75/3.66	5.05
EER				2.61/2.67	2.61/2.81	2.68
COP				2.81/2.86	2.99/3.06	2.89
Energy label	cooling			D/D	D/C	D
	heating			D/D	D/D	D
Annual energy consumption	cooling		kWh	1,360/1,330	1,915/1,780	2,330
Dimensions		HxWxD	mm	230x840x840	288x840x840	
Weight			kg	23	27	27
Air flow rate	cooling	H/L	m^3/min	18/14	28/21	31/24
	heating	H/L	m^3/min	18/14	28/21	31/24
Sound pressure level	cooling	H/L	dB(A)	33/28	37/32	40/35
	heating	H/L	dB(A)	33/28	37/32	40/35
Sound power level	cooling	nominal	dB(A)	50	53	56
Refrigerant type				R-410A		
Power supply			V1	1~, 50Hz, 230V		
Infrared remote control				BRC1D527		
Wired remote control				BRC7C512W		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

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

new

OUTDOOR UNIT				**RQ71B7V3B/W1B**	**RQ100B7V3B/W1B**	**RQ125B7W1B**
Dimensions		HxWxD	mm	770x900x320	1,170x900x320	
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB	-5~46		
	heating	from ~ to	°CWB	-10~15		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

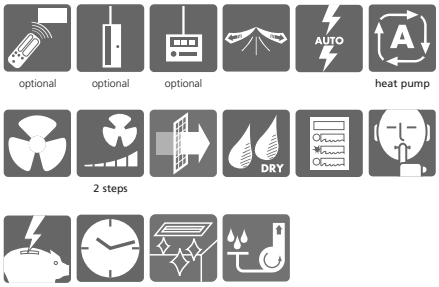
FCQ-B / RZQ-B

4-Way blow ceiling mounted cassette

FCQ100,125B

RZQ100,125B

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



HEAT PUMP				INVERTER		
INDOOR UNIT (air cooled)				**FCQ71B7V3B**	**FCQ100B7V3B**	**FCQ125B7V3B**
Cooling capacity		min~nom~max	kW	7.10 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity		min~nom~max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.16	2.64	3.88
	heating	nominal	kW	2.56	3.14	4.36
EER				3.29	3.79	3.22
COP				3.125	3.57	3.21
Energy label	cooling			A	A	A
	heating			D	B	C
Annual energy consumption	cooling		kWh	1,080	1,320	1,940
Dimensions		HxWxD	mm	230x840x840	288x840x840	
Weight			kg	23	27	27
Air flow rate	cooling	H/L	m^3/min	18/14	28/21	31/24
	heating	H/L	m^3/min	18/14	28/21	31/24
Sound pressure level	cooling	H	dB(A)	33/28	37/32	40/35
	heating	H	dB(A)	33/28	37/32	40/35
Sound power level	cooling	nominal	dB(A)	50	53	56
Refrigerant type				R-410A		
Power supply			V3	1~, 230V, 50Hz		
Infrared remote control				BRC7C512W		
Wired remote control				BRC1D527		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

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

new

OUTDOOR UNIT				**RZQ71B8V3B**	**RZQ100B8V3B/B7W1B**	**RZQ125B8V3B/B7W1B**
Dimensions		HxWxD	mm	770x900x320	1,345x900x320	
Weight			kg	68	106	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
(night quiet mode)	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from~to	°CDB	-15~50		
	heating	from~to	°CWB	-20~15.5		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 230V, 50Hz / 3N~, 400V, 50Hz		

FCQ-D/RZQ-B

4-Way blow ceiling mounted cassette

FCQ100,140D

RZQ100,125,140B

new

- The cassette has been designed to improve its operating efficiency
- Fits flush into each ceiling
- Choice of 8 air flow distribution patterns
- It is possible to use 1 or 2 branches for better air distribution
- Possibility to shut off one or two flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 4.2m without loss of capacity

HEAT PUMP				INVERTER			
INDOOR UNIT (air cooled)				**FCQ71DV3B**	**FCQ100DV3B**	**FCQ125DV3B**	**FCQ140DV3B**
Cooling capacity		min~nom~max	kW	3.2~7.1~8.0	5.0~10.0~11.2	5.7~12.5~14.0	6.2~14.0~15.4
Heating capacity		min~nom~max	kW	3.5~8.0~9.0	5.1~11.2~12.8	6.0~14.0~16.2	6.2~16.0~18.0
Nominal input	cooling	min~nom~max	kW	1.98 (nom.)	2.44 (nom.)	3.54 (nom.)	4.65 (nom.)
	heating	min~nom~max	kW	1.97 (nom.)	2.56 (nom.)	3.59 (nom.)	4.52 (nom.)
EER				3.59	4.10	3.53	3.01
COP				4.06	4.375	3.90	3.54
Energy label	cooling			A	A	A	B
	heating			A	A	A	B
Annual energy consumption	cooling		kWh	990	1,220	1,770	2,325
Dimensions		HxWxD	mm	246x840x840	288x840x840		
Weight			kg	24	28		
Air flow rate	cooling	H/L	m^3/min	19/14	30/21	30/24	30/25
Sound pressure level	cooling	H/L	dB(A)	34/28	43/33	43/36	43/38
Sound power level	cooling	H/L	dB(A)	50/44	58/48	58/-	58/-
Refrigerant type				R-410A			
Power supply			V3	1~, 230V, 50Hz			
Infrared remote control				BRC7E51W			
Wired remote control				BRC1D527			
DECORATION PANEL				BYCP125DJW1			
Dimensions	HxWxD	decoration panel	mm	45x950x950			
Weight		decoration panel	kg	5.5			

Notes: 1) Energy label: scale from A (most efficiënt) to G (less efficiënt).
2) Annual energy consumption: based on average use of 500 running hours per year full load (= nominal capacity).
- Information was not available at time of publication.

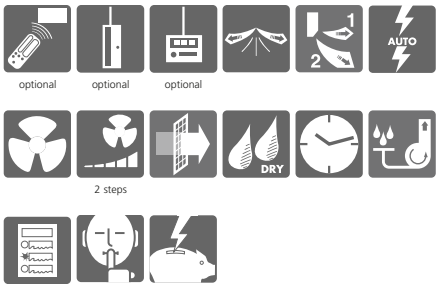
OUTDOOR UNIT				RZQ71B8V3B	RZQ100B8V3B/B7W1B	RZQ125B8V3B/B7W1B	RZQ140B7W1B
Dimensions		HxWxD	mm	770x900x320	1,345x900x320		
Weight			kg	68	106	106	106
Sound pressure level	cooling	H	dB(A)	47(43)	49(45)	50(45)	50 (45)
(night quiet mode)	heating	H	dB(A)	49	51	52	52
Sound power level	cooling	H	dB(A)	63	65	66	66
Operation range	cooling	from ~ to	°CDB	-15~50			
	heating	from ~ to	°CWB	-20~15.5			
Refrigerant type				R-410A			
Power supply			V3/W1	1~, 230V, 50Hz	1~, 230V, 50Hz / 3N~, 400V, 50Hz		3N~, 400V, 50Hz

FUQ-BU / RR-B

4-Way blow ceiling suspended cassette

FUQ71BU RR71B

- Ideal for refurbishment
- Leaves maximum floor and wall space for furniture, decoration
- Air can be discharged in any of four directions
- Air flow distribution for ceiling heights up to 3.5m
- No ceiling staining
- Possibility to shut off one or two flaps for easy installation in corners
- Extremely quiet in operation both indoor and outdoors
- Air filter, drain pan and heat exchanger fin are mildew proof
- Drain-up pump with increased lift of 500mm



COOLING ONLY — NON-INVERTER

INDOOR UNIT (air cooled)			FUQ71BUV1B	FUQ100BUV1B	FUQ125BUV1B
Cooling capacity	nominal	kW	7.10	10.00	12.20
Nominal input	nominal	kW	2.70/2.65	3.83/3.77	4.57
EER			2.63/2.68	2.61/2.65	2.67
Energy label			D/D	D/D	D
Annual energy consumption	cooling	kWh	1,350/1,325	1,915/1,885	2,285
Dimensions	HxWxD	mm	165x895x895	230x895x895	
Weight		kg	25	31	31
Air flow rate	H/L	m^3/min	19/14	29/21	32/23
Sound pressure level	H/L	dB(A)	40/35	43/38	44/39
Sound power level	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type			R-410A		
Power supply		V1	1~, 230V, 50Hz		
Infrared remote control			BRC7C529W		
Wired remote control			BRC1D527		

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

new

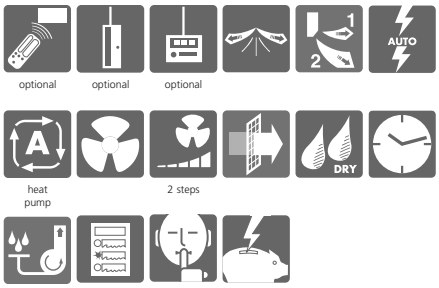
OUTDOOR UNIT			RR71B7V3B/W1B	RR100B7V3B/W1B	RR125B7W1B
Dimensions	HxWxD	mm	770x900x320	1,170x900x320	
Weight		kg	83/81	102/99	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB	-15~46		
Refrigerant type			R-410A		
Power supply		V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

FUQ-BU / RQ-B

4-Way blow ceiling suspended cassette

FUQ71BU RQ71B

- Ideal for refurbishment
- Leaves maximum floor and wall space for furniture, decoration
- Air can be discharged in any of four directions
- Air flow distribution for ceiling heights up to 3.5m
- No ceiling staining
- Possibility to shut off one or two flaps for easy installation in corners
- Extremely quiet in operation both indoor and outdoors
- Air filter, drain pan and heat exchanger fin are mildew proof
- Drain-up pump with increased lift of 500mm



HEAT PUMP — NON-INVERTER

INDOOR UNIT (air cooled)				FUQ71BUV1B	FUQ100BUV1B	FUQ125BUV1B
Cooling capacity		nominal	kW	7.10	10.00	12.20
Heating capacity		nominal	kW	8.00	11.20	14.50
Nominal input	cooling	nominal	kW	2.70/2.65	3.83/3.77	4.57
	heating	nominal	kW	2.53/2.44	3.58/3.54	4.88
EER				2.63/2.68	2.61/2.65	2.67
COP				3.16/3.28	3.13/3.16	2.97
Energy label	cooling			D/D	D/D	D
	heating			D/C	D/D	D
Annual energy consumption	cooling		kWh	1,350/1,325	1,790/1,885	2,285
Dimensions		H×W×D	mm	165x895x895	230x895x895	
Weight			kg	25	31	31
Air flow rate	cooling	H/L	m^3/min	19/14	29/21	32/23
	heating	H/L	m^3/min	19/14	29/21	32/23
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type				R-410A		
Power supply			V1	1~, 50Hz, 230V		
Infrared remote control				BRC7C528W		
Wired remote control				BRC1D527		

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

new

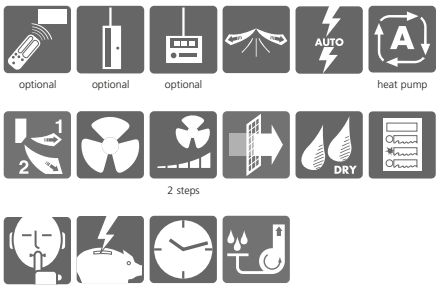
OUTDOOR UNIT				RQ71B7V3B/W1B	RQ100B7V3B/W1B	RQ125B7W1B
Dimensions		H×W×D	mm	770x900x320	1,170x900x320	
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB	-5~46		
	heating	from ~ to	°CWB	-10~15		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

FUQ-BU / RZQ-B

4-Way blow ceiling suspended cassette

FUQ71BU RZQ71B

- Ideal for refurbishment
- Leaves maximum floor and wall space for furniture, decoration
- Air can be discharged in any of four directions
- Air flow distribution for ceiling heights up to 3.5m
- No ceiling staining
- Possibility to shut off one or two flaps for easy installation in corners
- Extremely quiet in operation both indoor and outdoors
- Air filter, drain pan and heat exchanger fin are mildew proof
- Drain-up pump with increased lift of 500mm



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FUQ71BUV1B	FUQ100BUV1B	FUQ125BUV1B
Cooling capacity		min~nom~max	kW	7.10 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity		min~nom~max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.21	3.12	4.05
	heating	nominal	kW	2.34	3.28	4.36
EER				3.21	3.21	3.09
COP				3.42	3.41	3.21
Energy label	cooling			A	A	B
	heating			B	B	C
Annual energy consumption	cooling		kWh	1,105	1,560	2,025
Dimensions		HxWxD	mm	165x895x895	230x895x895	
Weight			kg	25	31	31
Air flow rate	cooling	H/L	m^3/min	19/14	29/21	32/23
	heating	H/L	m^3/min	19/14	29/21	32/23
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
	heating	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Infrared remote control				BRC7C528W		
Wired remote control				BRC1D527		

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

new

OUTDOOR UNIT				RZQ71B8V3B	RZQ100B8V3B/B7W1B	RZQ125B8V3B/B7W1B
Dimensions		HxWxD	mm	770x900x320	1,345x900x320	
Weight			kg	68	106	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
(night quiet mode)	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from~to	°CDB	-15~50		
	heating	from~to	°CWB	-20~15.5		
Refrigerant type				R-410A		
Power supply			V3/W1	1~,230V,50Hz	1~, 230V, 50Hz, 3N~, 400V, 50Hz	

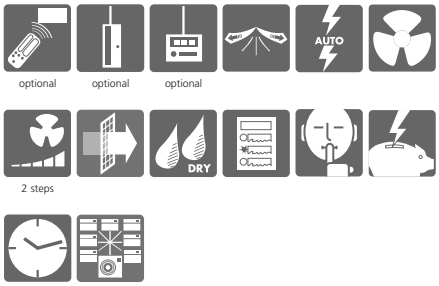
FHQ-BU / RKS-D/B

Ceiling suspended unit

FHQ60BU

RKS50,60B

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Easy installation and maintenance
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



COOLING ONLY — INVERTER

INDOOR UNIT (air cooled)			FHQ35BUV1	FHQ50BUV1	FHQ60BUV1
Cooling capacity	min~nom~max	kW	1.4~3.4~3.7	0.90~5.00~5.60	0.90~5.70~6.00
Nominal input	min~nom~max	kW	0.3~1.21~1.50	0.45~1.83~2.02	0.44~2.15~2.23
EER			2.81	2.73	2.65
Energy label			C	D	D
Annual energy consumption	cooling	kWh	605	915	1,075
Dimensions	HxWxD	mm	195x960x680		195x1,160x680
Weight		kg	24	25	27
Air flow rate	H/L	m^3/min	13/10	13/10	17/13
Sound pressure level	H/L	dB(A)	37/32	38/33	39/33
Sound power level	H/L	dB(A)	53/48	54/49	55/49
Refrigerant type			R-410A		
Power supply		V1	1~, 230V, 50Hz		
Infrared remote control			BRC7E66		
Wired remote control			BRC1D527		

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

new

OUTDOOR UNIT			RKS35DVMB	RKS50BVMB9	RKS60BVMB9
Dimensions	HxWxD	mm	550x765x285	735x825x300	
Weight		kg	32	49	53
Sound pressure level	H/L	dB(A)	47/44	47/-	49/-
Sound power level	H	dB(A)	62	63	64
Operation range	from~to	°CDB	-10~46	-10(-15*)~46	
Refrigerant type			R-410A		
Power supply		VM	1~, 220~240V/220~230V, 50/60Hz		

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

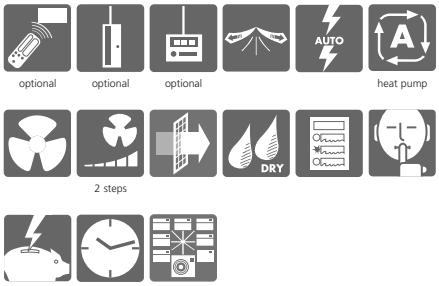
FHQ-BU / RXS-D/B

Ceiling suspended unit

FHQ60BU

RXS35D

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Easy installation and maintenance
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FHQ35BUV1	FHQ50BUV1	FHQ60BUV1
Cooling capacity		min ~ nom ~ max	kW	1.4 ~ 3.4 ~ 3.7	0.90 ~ 5.00 ~ 5.60	0.90 ~ 5.70 ~ 6.00
Heating capacity		min ~ nom ~ max	kW	1.4 ~ 4.1 ~ 5.00	0.90 ~ 6.00 ~ 7.00	0.90 ~ 7.20 ~ 8.00
Nominal input	cooling	min ~ nom ~ max	kW	0.30 ~ 1.21 ~ 1.50	0.45 ~ 1.83 ~ 2.02	0.44 ~ 2.15 ~ 2.23
	heating	min ~ nom ~ max	kW	0.29 ~ 1.18 ~ 1.62	0.36 ~ 2.05 ~ 2.45	0.40 ~ 2.49 ~ 2.75
EER				2.81	2.73	2.65
COP				3.47	2.93	2.89
Energy label	cooling			C	D	D
	heating			B	D	D
Annual energy consumption	cooling		kWh	605	915	1,075
Dimensions		HxWxD	mm	195x960x680		195x1,160x680
Weight			kg	24	25	27
Air flow rate	cooling	H/L	m^3/min	13/10	13/10	17/13
	heating	H/L	m^3/min	13/10	13/10	17/13
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33
	heating	H/L	dB(A)	37/32	38/33	39/33
Sound power level	cooling	H	dB(A)	53/48	54/49	55/49
	heating	H	dB(A)	53/48	54/49	55/49
Refrigerant type				R-410A		
Power supply			V1	1 ~, 230V, 50Hz		
Infrared remote control				BRC7E63W		
Wired remote control				BRC1D527		

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

new

OUTDOOR UNIT				RXS35DVMB	RXS50BVMB	RXS60BVMB
Dimensions		HxWxD	mm	550x765x285	735x825x300	
Weight			kg	32	49	53
Sound pressure level	cooling	H/L	dB(A)	47/44	47/-	49/-
	heating	H/L	dB(A)	48/45	48/-	49/-
Sound power level	cooling	H	dB(A)	62	63	64
	heating	H	dB(A)	63	64	64
Operation range	cooling	from ~ to	°CDB	-10 ~ 46		
	heating	from ~ to	°CWB	-15 ~ 20		
Refrigerant type				R-410A		
Power supply			VM	1 ~, 220 ~ 240V/220 ~ 230V, 50/60Hz		

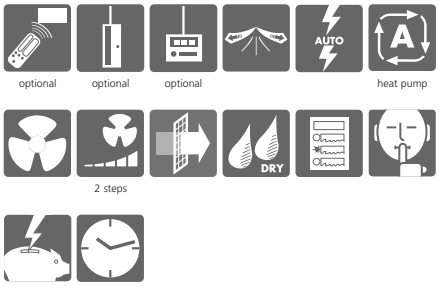
FHQ-BU / RZQ-B

Ceiling suspended unit

FHQ71BU

RZQ71B

- The unit has a compact casing
- Easiest servicing in the market
- The ideal solution for shops, restaurants or offices without false ceilings
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



HEAT PUMP — INVERTER

INDOOR UNIT (air cooled)				FHQ71BUV1B	FHQ100BUV1B	FHQ125BUV1B
Cooling capacity		min~nom~max	kW	7.10 (nom.)	10.00 (nom.)	12.50 (nom.)
Heating capacity		min~nom~max	kW	8.00 (nom.)	11.20 (nom.)	14.00 (nom.)
Nominal input	cooling	nominal	kW	2.46	3.15	4.45
	heating	nominal	kW	2.67	3.60	4.50
EER				2.89	3.17	2.81
COP				3.00	3.11	3.11
Energy label	cooling			C	B	C
	heating			D	D	D
Annual energy consumption	cooling		kWh	1,230	1,575	2,225
Dimensions		HxWxD	mm	195x1,160x680	195x1,400x680	195x1,590x680
Weight			kg	27	32	35
Air flow rate	cooling	H/L	m^3/min	17/14	24/20	30/25
	heating	H/L	m^3/min	17/14	24/20	30/25
Sound pressure level	cooling	H/L	dB(A)	39/35	42/37	44/39
	heating	H/L	dB(A)	39/35	42/37	44/39
Sound power level	cooling	H/L	dB(A)	55/51	58/53	60/55
	heating	H/L	dB(A)	55/51	58/53	60/55
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Infrared remote control				BRC7E63W		
Wired remote control				BRC1D527		

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

new

OUTDOOR UNIT				RZQ71B8V3B	RZQ100B8V3B/B7W1B	RZQ125B8V3B/B7W1B
Dimensions		HxWxD	mm	770x900x320	1,345x900x320	
Weight			kg	61	106	106
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)
(night quiet mode)	heating	H	dB(A)	49	51	52
Sound power level	cooling	H	dB(A)	63	65	66
Operation range	cooling	from~to	°CDB	-15~50		
	heating	from~to	°CWB	-20~15.5		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 230V, 50Hz	1~, 230V, 50Hz, 3N~, 400V, 50Hz	

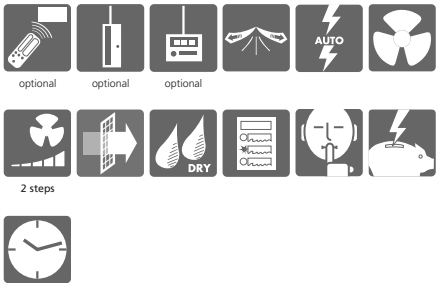
FHQ-BU / RR-B

Ceiling suspended unit

FHQ71BU

RR71B

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Easy installation and maintenance
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity



COOLING ONLY

NON-INVERTER

INDOOR UNIT (air cooled)			FHQ71BUV1B	FHQ100BUV1B	FHQ125BUV1B
Cooling capacity	nominal	kW	7.10	9.80	12.20
Nominal input	nominal	kW	2.70/2.65	3.75/3.68	4.50
EER			2.63/2.68	2.61/2.66	2.71
Energy label			D/D	D/D	D
Annual energy consumption	cooling	kWh	1,350/1,325	1,875/1,840	2,250
Dimensions	HxWxD	mm	195x1,160x680	195x1,400x680	195x1,590x680
Weight		kg	27	32	35
Air flow rate	H/L	m^3/min	17/14	24/20	30/25
Sound pressure level	H/L	dB(A)	39/35	42/37	44/39
Sound power level	H/L	dB(A)	55/51	58/53	60/55
Refrigerant type			R-410A		
Power supply		V1	1~, 50HZ, 230V		
Infrared remote control			BRC7E66		
Wired remote control			BRC1D527		

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

new

OUTDOOR UNIT			RR71B7V3B/W1B	RR100B7V3B/W1B	RR125B7W1B
Dimensions	HxWxD	mm	770x900x320	1,170x900x320	
Weight		kg	83/81	102/101	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB	-15~46		
Refrigerant type			R-410A		
Power supply		V3/W1	1~, 50HZ, 230V/3N~, 50HZ, 400V		

FHQ-BU / RQ-B

Ceiling suspended unit

FHQ71BU

RQ71B

- The ideal solution for shops, restaurants or offices without false ceilings
- The unit has a compact casing
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Easy installation and maintenance
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air flow distribution pattern can be adapted to suit ceiling heights up to 3.8m without loss of capacity

HEAT PUMP

NON-INVERTER

INDOOR UNIT (air cooled)				FHQ71BUV1B	FHQ100BUV1B	FHQ125BUV1B
Cooling capacity		nominal	kW	7.10	9.80	12.20
Heating capacity		nominal	kW	8.00	11.20	14.50
Nominal input	cooling	nominal	kW	2.70/2.65	3.75/3.68	4.50
	heating	nominal	kW	2.85/2.80	4.13/4.01	5.16
EER				2.63/2.68	2.61/2.66	2.71
COP				2.81/2.86	2.71/2.79	2.81
Energy label	cooling			D/D	D/D	D
	heating			D/D	E/E	D
Annual energy consumption	cooling		kWh	1,350/1,325	1,875/1,840	2,250
Dimensions		HxWxD	mm	195x1,160x680	195x1,400x680	195x1,590x680
Weight			kg	27	32	35
Air flow rate	cooling	H/L	m^3/min	17/14	24/20	30/25
	heating	H/L	m^3/min	17/14	24/20	30/25
Sound pressure level	cooling	H/L	dB(A)	39/35	42/37	44/39
	heating	H/L	dB(A)	39/35	42/37	44/39
Sound power level	cooling	H/L	dB(A)	55/51	58/53	60/55
	heating	H/L	dB(A)	55/51	58/53	60/55
Refrigerant type				R-410A		
Power supply			V1	1~, 50Hz, 230V		
Infrared remote control				BRC7E63W		
Wired remote control				BRC1D527		

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

new

OUTDOOR UNIT				RQ71B7V3B/W1B	RQ100B7V3B/W1B	RQ125B7W1B
Dimensions		HxWxD	mm	770x900x320	1,170x900x320	
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	nominal	dB(A)	50	53	53
Sound power level	cooling	nominal	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB	-5~46		
	heating	from ~ to	°CWB	-10~15		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

Twin / triple / double twin applications
&
Multi Model applications

It is possible to connect 2,3 or 4 indoor units to a single outdoor unit. The indoor units may be of different types (e.g. 4-way blow ceiling mounted cassette, wall mounted, ...) and even different capacities (e.g. 35 and 71 class).
All indoor units are operated together within the same mode (cooling or heating) from one remote control. This allows equal air distribution, even in larger, irregularly shaped rooms.

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

Connectable indoor units:

Inverter controlled:

- RZQ-B: FCQ35~71B, FFQ35~60B, FBQ35~71B, FHQ35~71BU, FUQ71BU, FAQ71BU

Non inverter controlled:

- RR-B, RQ-B: FCQ35~71B, FFQ35~60B, FBQ35~71B, FHQ35~71BU, FUQ71BU, FAQ71BU

- R(Y)P-B/L, RYEP-L: FHYCP35~125B, FHYBP35~125B, FHYP35~125B, FHYKP35~71B, FAYP71~100B, FUYP71~125B, FDYMP71~125L, FDYP125B

POSSIBLE COMBINATIONS

	TWIN			TRIPLE				DOUBLE TWIN
RZQ71 RR71 RQ71 R(Y)P71 RYEP71	35+35							
RZQ100	50+50			35+35+35				
RR100 RQ100	50+50	50+60	35+71	35+35+35				
R(Y)P100 RYEP100	45+45	45+60	35+71	35+35+35				
RZQ125	60+60			50+50+50				
RR125 RQ125	60+60	50+71		50+50+50				
R(Y)P125 RYEP125	60+60	45+71		45+45+45				
R(Y)P200	100+100	71+125		71+71+71	60+60+60	45+71+71	45+45+100	45+45+45+45
				35+71+100	35+35+125	45+60+100	60+60+71	
R(Y)P250	125+125			45+100+100	60+60+125	45+71+125	71+71+100	60+60+60+60

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

FFQ35,50,60B

HEAT PUMP

INDOOR UNIT (air cooled)				FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Dimensions		HxWxD	mm	286x575x575		
Weight			kg	17.5	17.5	17.5
Air flow rate	cooling	H/L	m^3/min	10/6.5	12/8	15/10
	heating	H/L	m^3/min	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	32/25	36/27	41/32
	heating	H/L	dB(A)	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	49	53	58
	heating	H	dB(A)	49	53	58
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Infrared remote control				BRC7E530W7		
Wired remote control				BRC1D527		
DECORATION PANEL				BYFQ60B7W1		
Dimensions	HxWxD	decoration panel	mm	55x700x700		
Weight		decoration panel	kg	2.7		

FCQ35,50,60,71B

HEAT PUMP

INDOOR UNIT (air cooled)				FCQ35B7V1	FCQ50B7V1	FCQ60B7V1	FCQ71B7V3B	FCQ100B7V3B	FCQ125B7V3B
Dimensions		HxWxD	mm	230x840x840				288x840x840	
Weight			kg	23	23	23	23	27	27
Air flow rate	cooling	H/L	m^3/min	14/10	15/11	18/14	18/14	18/21	31/24
	heating	H/L	m^3/min	14/10	15/11	18/14	18/14	18/21	31/24
Sound pressure level	cooling	H/L	dB(A)	31/27	31/27	33/28	33/28	37/32	40/35
	heating	H/L	dB(A)	31/27	31/27	33/28	33/28	37/32	40/35
Sound power level	cooling	H	dB(A)	48	48	50	50	53	56
	heating	H	dB(A)	48	48	50	-	-	-
Refrigerant type				R-410A					
Power supply			V1/V3	1~, 50Hz, 230V					
Infrared remote control				BRC7C512W					
Wired remote control				BRC1D527					
DECORATION PANEL				BYC125K7W1B					
Dimensions	HxWxD	decoration panel	mm	40x950x950					
Weight		decoration panel	kg	5					

- Information is not available.

FBQ35,50B

HEAT PUMP

INDOOR UNIT (air cooled)				FBQ35B7V1	FBQ50B7V1	FBQ60B7V1	FBQ71B7V3B	FBQ100B7V3B	FBQ125B7V3B
Dimensions		HxWxD	mm	300x700x800		300x1,000x800		300x1,400x800	
Weight			kg	30	31	41	41	51	52
Air flow rate	cooling	H/L	m^3/min	11.5/9	14/10	19/14	19/14	27/20	35/24
	heating	H/L	m^3/min	11.5/9	14/10	19/14	19/14	27/20	35/24
Sound pressure level	cooling	H/L	dB(A)	33/29	33/29	34/30	34/30	36/31	38/32
	heating	H/L	dB(A)	33/29	33/29	34/30	34/30	36/31	38/32
Sound power level	cooling	H	dB(A)	52	53	60	60	62	63
Refrigerant type				R-410A					
Power supply			V1/V3	1~, 50Hz, 230V					
Wired remote control				BRC1D527					
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1		BYBS125DJW1	
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500		55x1,400x500	
Weight		decoration panel	kg	3.5		4.5		6.5	

FHQ60BU

HEAT PUMP

INDOOR UNIT (air cooled)				FHQ35BUV1	FHQ50BUV1	FHQ60BUV1	FHQ71BUV1B	FHQ100BUV1B	FHQ125BUV1B
Dimensions		HxWxD	mm	195x960x680		195x1,160x680	195x1,160x680	195x1,400x680	195x1,590x680
Weight			kg	24	25	27	27	32	35
Air flow rate	cooling	H/L	m^3/min	13/10	13/10	17/13	17/14	24/20	30/25
	heating	H/L	m^3/min	13/10	13/10	17/13	17/14	24/20	30/25
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33	39/35	42/37	44/39
	heating	H/L	dB(A)	37/32	38/33	39/33	39/35	42/37	44/39
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49	55/51	58/53	60/55
	heating	H/L	dB(A)	53/48	54/49	55/49	55/51	58/53	60/55
Refrigerant type				R-410A					
Power supply			V1	1~, 50Hz, 230V					
Infrared remote control				BRC7E63W					
Wired remote control				BRC1D527					

FUQ71BU

HEAT PUMP

INDOOR UNIT (air cooled)				FUQ71BUV1B	FUQ100BUV1B	FUQ125BUV1B
Dimensions		HxWxD	mm	165x895x895	230x895x895	
Weight			kg	25	31	31
Air flow rate	cooling	H/L	m^3/min	19/14	29/21	32/23
	heating	H/L	m^3/min	19/14	29/21	32/23
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
	heating	H/L	dB(A)	56/51	59/54	60/55
Refrigerant type				R-410A		
Power supply			V1	1~, 50Hz, 230V		
Infrared remote control				BRC7C528W		
Wired remote control				BRC1D527		

FAQ71BU

HEAT PUMP

INDOOR UNIT (air cooled)				FAQ71BUV1B	FAQ100BUV1B
Dimensions		HxWxD	mm	290x1,050x230	360x1,570x200
Weight			kg	13	26
Air flow rate	cooling	H/L	m^3/min	19/15	23/19
	heating	H/L	m^3/min	19/15	23/19
Sound pressure level	cooling	H/L	dB(A)	43/37	45/41
	heating	H/L	dB(A)	43/37	45/41
Sound power level	cooling	H/L	dB(A)	59/53	61/57
	heating	H/L	dB(A)	59/53	61/57
Refrigerant type				R-410A	
Power supply			V1	1~, 50Hz, 230V	
Infrared remote control				BRC7E618	BRC7C510W
Wired remote control				BRC1D527	

RZQ100-125-140B

new

OUTDOOR UNIT — INVERTER

				RZQ71B8V3B	RZQ100B8V3B/B7W1B	RZQ125B8V3B/B7W1B	RZQ140B7W1B	RZQ200B7W1B	RZQ250B7W1B
Dimensions		HxWxD	mm	770x900x320	1,345x900x320			1,600x930x765	
Weight			kg	68	106	106	106		
Sound pressure level	cooling	H	dB(A)	47 (43)	49 (45)	50 (45)	50 (45)		
(night quiet mode)	heating	H	dB(A)	49	51	52	52		
Sound power level	cooling	H	dB(A)	63	65	66	66		
Operation range	cooling	from ~ to	°CDB	-15~50				-5~46	
	heating	from ~ to	°CWB	-20~15.5				-15~15	
Refrigerant type				R-410A				R-410A	
Power supply			V3/W1	1~, 230V, 50Hz	1~, 230V, 50Hz / 3N~, 400V, 50Hz		3N~, 400V, 50Hz	1~, 230V, 50Hz / 3N~, 400V, 50Hz	

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

FFQ35,50,60B

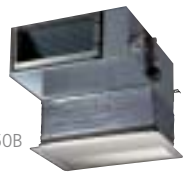
COOLING ONLY

INDOOR UNIT (air cooled)				FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Dimensions		HxWxD	mm	286x575x575		
Weight			kg	17.5	17.5	17.5
Air flow rate	cooling	H/L	m^3/min	10/6.5	12/8	15/10
	heating	H/L	m^3/min	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	32/25	36/27	41/32
	heating	H/L	dB(A)	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	49	53	58
	heating	H	dB(A)	49	53	58
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Infrared remote control				BRC7E530W7		
Wired remote control				BRC1D527		
DECORATION PANEL				BYFQ60B7W1		
Dimensions (HxWxD)		decoration panel	mm	55x700x700		
Weight		decoration panel	kg	2.7		

FCQ35,50,60,71B

COOLING ONLY

INDOOR UNIT (air cooled)				FCQ35B7V1	FCQ50B7V1	FCQ60B7V1	FCQ71B7V3B
Dimensions		HxWxD	mm	230x840x840			
Weight			kg	23	23	23	23
Air flow rate		H/L	m^3/min	14/10	15/11	18/14	18/14
Sound pressure level		H/L	dB(A)	31/27	31/27	33/28	33/28
Sound power level		H	dB(A)	48	48	50	50
Refrigerant type				R-410A			
Power supply			V1/V3	1~, 50Hz, 230V			
Infrared remote control				BRC7C513W			
Wired remote control				BRC1D527			
DECORATION PANEL				BYC125K7W1B			
Dimensions	HxWxD	decoration panel	mm	40x950x950			
Weight		decoration panel	kg	5			



FBQ35,50B

COOLING ONLY

INDOOR UNIT (air cooled)				FBQ35B7V1	FBQ50B7V1	FBQ60B7V1	FBQ71B7V3B
Dimensions		HxWxD	mm	300x700x800		300x1,000x800	300x1,000x800
Weight			kg	30	31	41	41
Air flow rate		H/L	m^3/min	11.5/9	14/10	19/14	19/14
Sound pressure level		H/L	dB(A)	33/29	33/29	34/30	34/30
Sound power level		H	dB(A)	52	53	60	60
Power supply			V1/V3	1~, 50Hz, 230V			
Wired remote control				BRC1D527			
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1	
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,100x500	
Weight		decoration panel	kg	3.5		4.5	

FHQ60,71BU

COOLING ONLY

INDOOR UNIT (air cooled)			FHQ35BUV1	FHQ50BUV1	FHQ60BUV1	FHQ71BUV1B
Dimensions	HxWxD	mm	195x960x680		195x1,160x680	
Weight		kg	24	25	27	27
Air flow rate	H/L	m^3/min	13/10	13/10	17/13	17/14
Sound pressure level	H/L	dB(A)	37/32	38/33	39/33	39/35
Sound power level	H/L	dB(A)	53/48	54/49	55/49	55/51
Refrigerant type			R-410A			
Power supply		V1	1~, 50Hz, 230V			
Infrared remote control			BRC7E63W			
Wired remote control			BRC1D527			

FUQ71BU

COOLING ONLY

INDOOR UNIT (air cooled)			FUQ71BUV1B
Dimensions	HxWxD	mm	165x895x895
Weight		kg	25
Air flow rate	H/L	m^3/min	19/14
Sound pressure level	H/L	dB(A)	40/35
Sound power level	H/L	dB(A)	56/51
Refrigerant type			R-410A
Power supply		V1	1~, 50Hz, 230V
Infrared remote control			BRC7C529W
Wired remote control			BRC1D527

FAQ71BU

COOLING ONLY

INDOOR UNIT (air cooled)			FAQ71BUV1B
Dimensions	HxWxD	mm	290x1,050x230
Weight		kg	13
Air flow rate	H/L	m^3/min	19/15
Sound pressure level	H/L	dB(A)	43/37
Sound power level	H/L	dB(A)	59/53
Refrigerant type			R-410A
Power supply		V1	1~, 50Hz, 230V
Infrared remote control			BRC7E619
Wired remote control			BRC1D527

RR125B

COOLING ONLY

NON-INVERTER

new

			RR71B7V3B/W1B	RR100B7V3B/W1B	RR125B7W1B
Dimensions	HxWxD	mm	770x900x320	1,170x900x320	
Weight		kg	83/81	102/99	106
Sound pressure level	nominal	dB(A)	50	53	53
Sound power level	nominal	dB(A)	63	66	67
Operation range	from ~ to	°CDB	-15~46		
Refrigerant type			R-410A		
Power supply		V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

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

FFQ35,50,60B

HEAT PUMP

INDOOR UNIT (air cooled)				FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Dimensions		HxWxD	mm	286x575x575		
Weight			kg	17.5	17.5	17.5
Air flow rate	cooling	H/L	m^3/min	10/6.5	12/8	15/10
	heating	H/L	m^3/min	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	32/25	36/27	41/32
	heating	H/L	dB(A)	32/25	36/27	41/32
Sound power level	cooling	H/L	dB(A)	49	53	58
	heating	H/L	dB(A)	49	53	58
Refrigerant type				R-410A		
Power supply			V1	1~, 230V, 50Hz		
Infrared remote control				BRC7E530W7		
Wired remote control				BRC1D527		
DECORATION PANEL				BYFQ60B7W1		
Dimensions	HxWxD	decoration panel	mm	55x700x700		
Weight		decoration panel	kg	2.7		

FCQ35,50,60,71B

HEAT PUMP

INDOOR UNIT (air cooled)				FCQ35B7V1	FCQ50B7V1	FCQ60B7V1	FCQ71B7V3B
Dimensions		HxWxD	mm	230x840x840			
Weight			kg	23	23	23	23
Air flow rate	cooling	H/L	m^3/min	14/10	15/11	18/14	18/14
	heating	H/L	m^3/min	14/10	15/11	18/14	18/14
Sound pressure level	cooling	H/L	dB(A)	31/27	31/27	33/28	33/28
	heating	H/L	dB(A)	31/27	31/27	33/28	33/28
Sound power level	cooling	H	dB(A)	48	48	50	50
	heating	H	dB(A)	48	48	50	-
Refrigerant type				R-410A			
Power supply			V1/V3	1~, 50Hz, 230V			
Infrared remote control				BRC7E530W			
Wired remote control				BRC1D527			
DECORATION PANEL				BYC125K7W1B			
Dimensions	HxWxD	decoration panel	mm	40x950x950			
Weight		decoration panel	kg	5			

- Information is not available.

FBQ35,50B

HEAT PUMP

INDOOR UNIT (air cooled)				FBQ35B7V1	FBQ50B7V1	FBQ60B7V1	FBQ71B7V3B
Dimensions		HxWxD	mm	300x700x800		300x1,000x800	
Weight			kg	30	31	41	41
Air flow rate	cooling	H/L	m^3/min	11.5/9	14/10	19/14	19/14
	heating	H/L	m^3/min	11.5/9	14/10	19/14	19/14
Sound pressure level	cooling	H/L	dB(A)	33/29	33/29	34/30	34/30
	heating	H/L	dB(A)	33/29	33/29	34/30	34/30
Sound power level	cooling	H	dB(A)	52	53	60	60
Refrigerant type				R-410A			
Power supply			V1/V3	1~, 50Hz, 230V			
Wired remote control				BRC1D527			
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1	
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500	
Weight		decoration panel	kg	3.5		4.5	

FHQ60,71BU

HEAT PUMP

INDOOR UNIT (air cooled)				FHQ35BUV1	FHQ50BUV1	FHQ60BUV1	FHQ71BUV1B
Dimensions		HxWxD	mm	195x960x680		195x1,160x680	
Weight			kg	24	25	27	27
Air flow rate	cooling	H/L	m^3/min	13/10	13/10	17/13	17/14
	heating	H/L	m^3/min	13/10	13/10	17/13	17/14
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33	39/35
	heating	H/L	dB(A)	37/32	38/33	39/33	39/35
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49	55/51
	heating	H/L	dB(A)	53/48	54/49	55/49	55/51
Refrigerant type				R-410A			
Power supply			V1	1~, 50Hz, 230V			
Infrared remote control				BRC7E63W			
Wired remote control				BRC1D527			

FUQ71BU

HEAT PUMP

INDOOR UNIT (air cooled)				FUQ71BUV1B
Dimensions		HxWxD	mm	165x895x895
Weight			kg	25
Air flow rate	cooling	H/L	m^3/min	19/14
	heating	H/L	m^3/min	19/14
Sound pressure level	cooling	H/L	dB(A)	40/35
	heating	H/L	dB(A)	40/35
Sound power level	cooling	H/L	dB(A)	56/51
	heating	H/L	dB(A)	56/51
Refrigerant type				R-410A
Power supply			V1	1~, 50Hz, 230V
Infrared remote control				BRC7C528W
Wired remote control				BRC1D527

FAQ71BU

HEAT PUMP

INDOOR UNIT (air cooled)				FAQ71BUV1B
Dimensions		HxWxD	mm	290x1,050x230
Weight			kg	13
Air flow rate	cooling	H/L	m^3/min	19/15
	heating	H/L	m^3/min	19/15
Sound pressure level	cooling	H/L	dB(A)	43/37
	heating	H/L	dB(A)	43/37
Sound power level	cooling	H/L	dB(A)	59/53
	heating	H/L	dB(A)	59/53
Refrigerant type				R-410A
Power supply			V1	1~, 50Hz, 230V
Infrared remote control				BRC7E619
Wired remote control				BRC1D527

RQ71B

new

OUTDOOR UNIT — NON-INVERTER

				RQ71B7V3B/W1B	RQ100B7V3B/W1B	RQ125B7W1B
Dimensions		HxWxD	mm	770x900x320	1,170x900x320	
Weight			kg	84/83	103/101	108
Sound pressure level	cooling	H	dB(A)	50	53	53
Sound power level	cooling	H	dB(A)	63	66	67
Operation range	cooling	from ~ to	°CDB	-5~46		
	heating	from ~ to	°CWB	-10~15		
Refrigerant type				R-410A		
Power supply			V3/W1	1~, 50Hz, 230V/3N~, 50Hz, 400V		

MKS-D

Multi model application - inverter controlled

2MKS40D

3MKS50D,4MKS58,75D

4MKS90D

CONNECTABLE INDOOR UNITS

	2MKS40DVMB	3MKS50DVMB	4MKS58DVMB	4MKS75DVMB	4MKS90DVMB
Wall mounted unit	FTKS20,25,35D	FTKS20,25,35D	FTKS20,25,35D / CTKS50D	FTKS20,25,35D / CTKS50D	FTKS20,25,35D / CTKS50DV
Wall mounted unit	FTKS20,25,35C	FTKS20,25,35C	FTKS20,25,35C/FTKS50B	FTKS20,25,35C/FTKS50,60,71B	FTKS20,25,35C/FTKS50,60,71B
Floor standing unit	-	FVKS25,35B	FVKS25,35,50B	FVKS25,35,50B	FVKS25,35,50B
Flexi type unit	FLKS25,35B	FLKS25,35B	FLKS25,35,50B	FLKS25,35,50,60B	FLKS25,35,50,60B
Slim concealed ceiling unit	FDKS25,35C	FDKS25,35C	FDKS25,35C / CDKS50C	FDKS25,35C/CDKS50,60C	FDKS25,35C/CDKS50,60C
Concealed ceiling unit			FDBQ25B / FBQ35,50B	FDBQ25B / FBQ35,50,60B	FDBQ25B / FBQ35,50,60B
4-way blow ceiling mounted cassette (600x600)	-	-	FFQ25,35,50B	FFQ25,35,50,60B	FFQ25,35,50,60B
4-way blow ceiling mounted cassette (950x950)	-	-	FCQ35,50B	FCQ35,50,60B	FCQ35,50,60B
Ceiling suspended cassette		-	FHQ35,50BU	FHQ35,50,60BU	FHQ35,50,60BU

COOLING ONLY

new

INDOOR UNIT				FTKS20DVMW/L	FTKS25DVMW/L	FTKS35DVMW/L	CTKS50DVMW/L
Dimensions		HxWxD	mm	283x800x195			
Weight			kg	9	9	9	9
Air flow rate	cooling	H/L/SL	m^3/min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.9/4.0	11.4/7.1/6.2
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
Sound power level	cooling	H	dB(A)	56	56	57	64
Infrared remote control				ARC433A43			

INDOOR UNIT				FTKS20CVMB	FTKS25CVMB	FTKS35CVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
Dimensions		HxWxD	mm	273x784x195			290x795x238	290x1,050x238	
Weight			kg	7.5			9	12	12
Air flow rate	cooling	H/L/SL	m^3/min	7.7/4.2/3.6	7.7/4.2/3.6	7.7/4.4/3.8	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	44/35/32	45/36/33	46/37/34
Sound power level	cooling	H	dB(A)	56	56	57	63	63	63
Infrared remote control				ARC433A2			ARC433A22		

INDOOR UNIT				FLKS25BVMB	FLKS35BVMB	FLKS50BVMB	FLKS60BVMB
Dimensions		HxWxD	mm	490x1,050x200			
Weight			kg	16		17	17
Air flow rate	cooling	H/L/SL	m^3/min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
Sound pressure level	cooling	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
Sound power level	cooling	H	dB(A)	53	54	63	64
Infrared remote control				ARC433A6			

COOLING ONLY

INDOOR UNIT				FVKS25BVMB	FVKS35BVMB	FVKS50BVMB
Dimensions	HxWxD		mm	600x650x195		
Weight			kg	13		
Air flow rate	H/L/SL		m^3/min	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
Sound pressure level	H/L/SL		dB(A)	38/26/23	39/27/24	44/36/33
Sound power level	H		dB(A)	54	55	56
Infrared remote control				ARC433A6		

new

INDOOR UNIT				FDKS25CVMB	FDKS35CVMB	CDKS50CVMB	CDKS60CVMB
Dimensions	HxWxD		mm	200x900x620		260x900x580	200x1,100x620
Weight			kg	25		27	30
Air flow rate	H/L/SL		m^3/min	9.5/8.0/6.7	10.0/8.5/7.0	12.0/10.0/8.4	16.0/13.5/11.2
Sound pressure level	H/L/SL		dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	H		dB(A)	53	53	55	56
Infrared remote control				ARC433A8			

INDOOR UNIT				FDBQ25B7V1
Dimensions	HxWxD		mm	230x652x502
Weight			kg	17
Air flow rate	H/L		m^3/min	6.5/5.2
Sound pressure level	H/L		dB(A)	35/28
Sound power level	H		dB(A)	55
Wired remote control				BRC1D527

INDOOR UNIT				FBQ35B7V1	FBQ50B7V1	FBQ60B7V1
Dimensions	HxWxD		mm	300x700x800		300x1,000x800
Weight			kg	30	31	41
Air flow rate	H/L		m^3/min	11.5/9	14/10	19/14
Sound pressure level	H/L		dB(A)	33/29	33/29	34/30
Sound power level	H		dB(A)	52	53	60
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500
Weight		decoration panel	kg	3.5		4.5

INDOOR UNIT				FCQ35B7V1	FCQ50B7V1	FCQ60B7V1
Dimensions	HxWxD		mm	230x840x840		
Weight			kg	23	23	23
Air flow rate	H/L		m^3/min	14/10	15/11	18/14
Sound pressure level	H/L		dB(A)	31/27	31/27	33/28
Sound power level	H		dB(A)	48	48	50
Infrared remote control				BRC7C513W		
Wired remote control				BRC1D527		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

INDOOR UNIT				FFQ25B7V1B	FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Dimensions	HxWxD		mm	286x575x575			
Weight			kg	17.5	17.5	17.5	17.5
Air flow rate	H/L		m^3/min	9/6.5	10/6.5	12/8	15/10
Sound pressure level	H/L		dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level	H		dB(A)	46.5	49	53	58
Infrared remote control				BRC7E531W7			
Wired remote control				BRC1D527			
DECORATION PANEL				BYFQ60B7W1			
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

INDOOR UNIT				FHQ35BUV1	FHQ50BUV1	FHQ60BUV1
Dimensions	HxWxD		mm	195x960x680		195x1,160x680
Weight			kg	24	25	27
Air flow rate	H/L		m^3/min	13/10	13/10	17/13
Sound pressure level	H/L		dB(A)	37/32	38/33	39/33
Sound power level	H/L		dB(A)	53/48	54/49	55/51
Infrared remote control				BRC7E66		
Wired remote control				BRC1D527		

new

OUTDOOR UNIT				2MKS40DVMB	3MKS50DVMB	4MKS58DVMB	4MKS75DVMB	4MKS90DVMB
Dimensions	HxWxD		mm	640x685x285	735x936x300			908x900x320
Weight			kg	39	55	55	58	66
Sound pressure level	H/L		dB(A)	47/43	46/*	46/*	48/*	48/*
Sound power level	H		dB(A)	62	59	59	61	61
Operation range	from ~ to		°CDB	+10~46	-10~46			
Refrigerant type				R-410A				
Power supply				1~, 220-240/220-230V, 50/60Hz				

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

MXS-D

Multi model application - inverter controlled

2MXS40D

2,3MXS52D/4MXS68D

4MXS80D

CONNECTABLE INDOOR UNITS

	2MXS40DVMB	2MXS52DVMB	3MXS52DVMB	4MXS68DVMB	4MXS80DVMB
Wall mounted unit	FTXS20,25,35D	FTXS20,25,35D	FTXS25,25,35D / CTXS50D	FTXS25,25,35D / CTXS50D	FTXS25,25,35D / CTXS50D
Wall mounted unit	FTXS20,25,35C	FTXS20,25,35C/FTXS50B	FTXS20,25,35C/FTXS50B	FTXS20,25,35C/FTXS50,60B	FTXS20,25,35C/FTXS50,60,71B
Floor standing unit		FVXS25,335,50B	FVXS25,35,50B	FVXS25,35,50B	FVXS25,35,50B
Flexi type unit	FLXS25,35B	FLXS25,35B	FLXS25,35,50B	FLXS25,35,50,60B	FLXS25,35,50,60B
Slim concealed ceiling unit	FDXS25,35C	FDXS25,35C/CDXS50C	FDXS25,35C / CDXS50C	FDXS25,35C / CDXS50,60C	FDXS25,35C / CDXS50,60C
Concealed ceiling unit		FDBQ25B / FBQ35,50B	FDBQ25B / FBQ35,50B	FDBQ25B / FBQ35,50,60B	FDBQ25B / FBQ35,50,60B
4-way blow ceiling mounted cassette (600x600)		FFQ25,35,50BV1B	FFQ25,35,50B	FFQ25,35,50,60B	FFQ25,35,50,60B
4-way blow ceiling mounted cassette (950x950)		FCQ35,50B	FCQ35,50B	FCQ35,50,60B	FCQ35,50,60B
Ceiling suspended cassette		FHQ35,50B	FHQ35,50B	FHQ35,50,60B	FHQ35,50,60B

HEAT PUMP

new

INDOOR UNIT				FTXS20DVMW/L	FTXS25DVMW/L	FTXS35DVMW/L	CTXS50DVMW/L
Dimensions		HxWxD	mm	283x800x195			
Weight			kg	9	9	9	9
Air flow rate	cooling	H/L/SL	m^3/min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7.1/6.2
	heating	H/L/SL	m^3/min	9.4/5.8/5.0	9.4/5.8/5.0	9.7/6.0/5.2	11.4/7.4/6.3
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
	heating	H/L/SL	dB(A)	38/28/25	38/28/25	39/29/26	44/33/30
Sound power level	cooling	H	dB(A)	56	56	57	64
	heating	H	dB(A)	56	56	57	62
Infrared remote control				ARC433A50			

INDOOR UNIT				FTXS20CVMB	FTXS25CVMB	FTXS35CVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
Dimensions		HxWxD	mm	273x784x195			290x795x238	290x1,050x238	
Weight			kg	7.5			9	12	12
Air flow rate	cooling	H/L/SL	m^3/min	7.7/4.2/3.6	7.7/4.2/3.6	7.7/4.4/3.8	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
	heating	H/L/SL	m^3/min	7.8/5.3/4.6	7.8/5.3/4.6	8.1/5.3/4.6	12.6/8.9/7.7	17.4/12.7/11.4	18.5/13.5/12.1
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	44/35/32	45/36/33	46/37/34
	heating	H/L/SL	dB(A)	38/28/25	38/28/25	39/29/26	42/22/30	44/35/32	46/37/34
Sound power level	cooling	H	dB(A)	56	56	57	63	63	63
	heating	H	dB(A)	56	56	57	-	-	-
Infrared remote control				ARC433A1			ARC433A21	ARC433A213	

INDOOR UNIT				FLXS25BVMB	FLXS35BVMB	FLXS50BVMB	FLXS60BVMB
Dimensions		HxWxD	mm	490x1,050x200			
Weight			kg	16		17	17
Air flow rate (H/L)	cooling	H/L/SL	m^3/min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
	heating	H/L/SL	m^3/min	9.2/7.4/6.6	9.8/8.0/7.2	12.1/7.5/6.8	12.8/8.4/7.5
Sound pressure level (H/L/SL)	cooling	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
	heating	H/L/SL	dB(A)	37/31/29	39/33/30	46/35/33	47/37/34
Sound power level (H)	cooling	H	dB(A)	53	54	63	64
Infrared remote control				ARC33A5			

INDOOR UNIT				FVXS25BVMB	FVXS35BVMB	FVXS50BVMB
Dimensions		HxWxD	mm	600x650x195		
Weight			kg	13		
Air flow rate	cooling	H/L/SL	m^3/min	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
	heating	H/L/SL	m^3/min	9.2/4.8/3.5	9.2/5.0/3.6	13.2/9.4/8.3
Sound pressure level	cooling	H/L/SL	dB(A)	38/26/23	39/27/24	44/36/33
	heating	H/L/SL	dB(A)	38/26/23	39/29/36	45/36/33
Sound power level	cooling	H	dB(A)	54	55	56
Infrared remote control				ARC433A5		

HEAT PUMP

new

INDOOR UNIT				FDXS25CVMB	FDXS35CVMB	CDXS50CVMB	CDXS60CVMB
Dimensions		HxWxD	mm	200x900x620		200x900x620	200x1,100x620
Weight			kg	25		27	30
Air flow rate	cooling	H/L/SL	m^3/min	9.5/8.0/6.7	10.0/8.5/7.0	12.0/10.0/8.4	16.0/13.5/11.2
	heating	H/L/SL	m^3/min	9.5/8.0/6.7	10.0/8.5/7.0	12.0/10.0/8.4	16.0/13.5/11.2
Sound pressure level	cooling	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
	heating	H/L/SL	dB(A)	35/31/29	35/31/29	37/33/31	38/34/32
Sound power level	cooling	H	dB(A)	53/53	53/53	55	56
Infrared remote control				ARC433A7			

INDOOR UNIT				FDBQ25B7V1
Dimensions		HxWxD	mm	230x652x502
Weight			kg	17
Air flow rate	cooling	H/L	m^3/min	6.5/5.2
Sound pressure level	cooling	H/L	dB(A)	35/28
	heating	H/L	dB(A)	35/29
Sound power level	cooling	H	dB(A)	55
Wired remote control				BRC1D527

INDOOR UNIT				FBQ35B7V1	FBQ50B7V1	FBQ60B7V1
Dimensions		HxWxD	mm	300x700x800		300x1,000x800
Weight			kg	30	31	41
Air flow rate	cooling	H/L	m^3/min	11.5/9	14/10	19/14
Sound pressure level	cooling	H/L	dB(A)	33/29		34/30
	heating	H/L	dB(A)	33/29		34/30
Sound power level	cooling	H	dB(A)	52	53	60
	heaing	H	dB(A)	52	53	60
Wired remote control				BRC1D527		
DECORATION PANEL				BYBS45DJW1		BYBS71DJW1
Dimensions	HxWxD	decoration panel	mm	55x880x500		55x1,000x500
Weight		decoration panel	kg	3.5		4.5

INDOOR UNIT				FCQ35B7V1	FCQ50B7V1	FCQ60B7V1
Dimensions		HxWxD	mm	230x840x840		
Weight			kg	23	23	23
Air flow rate	cooling	H/L	m^3/min	14/10	15/11	18/14
Sound pressure level	cooling	H/L	dB(A)	31/27		33/28
	heating	H/L	dB(A)	31/27		33/28
Sound power level	cooling	H	dB(A)	48		50
	heating	H	dB(A)	48		50
Infrared remote control				BRC7C512W		
Wired remote control				BRC1D527		
DECORATION PANEL				BYC125K7W1B		
Dimensions	HxWxD	decoration panel	mm	40x950x950		
Weight		decoration panel	kg	5		

INDOOR UNIT				FFQ25B7V1B	FFQ35B7V1B	FFQ50B7V1B	FFQ60B7V1B
Dimensions		HxWxD	mm	286x575x575			
Weight			kg	17.5	17.5	17.5	17.5
Air flow rate	cooling	H/L	m^3/min	9/6.5	10/6.5	12/8	15/10
Sound pressure level	cooling	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
	heating	H/L	dB(A)	29.5/24.5	32/25	36/27	41/32
Sound power level	cooling	H	dB(A)	46.5	49	53	58
	heating	H	dB(A)	46.5	49	53	58
Infrared remote control				BRC7E530W7			
Wired remote control				BYFQ60B7W1			
DECORATION PANEL				BRC1D527			
Dimensions	HxWxD	decoration panel	mm	55x700x700			
Weight		decoration panel	kg	2.7			

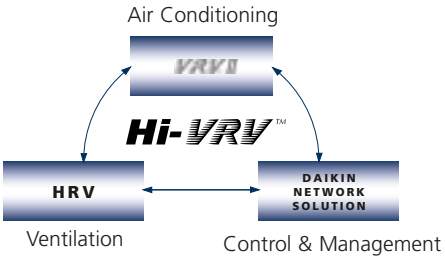
INDOOR UNIT				FHQ35BUV1	FHQ50BUV1	FHQ60BUV1
Dimensions		HxWxD	mm	195x960x680		195x1,160x680
Weight			kg	24	25	27
Air flow rate	cooling	H/L	m^3/min	13/10	13/10	17/13
Sound pressure level	cooling	H/L	dB(A)	37/32	38/33	39/33
	heating	H/L	dB(A)	37/32	38/33	39/33
Sound power level	cooling	H/L	dB(A)	53/48	54/49	55/49
	heating	H/L	dB(A)	53/48	54/49	55/49
Infrared remote control				BRC7E63W		
Wired remote control				BRC1D527		

new

OUTDOOR UNIT				2MXS40DVMB	2MXS52DVMB	3MXS52DVMB	4MXS68DVMB	4MXS80DVMB
Dimensions		HxWxD	mm	640x685x285	735x936x300			908x900x320
Weight			kg	39	55	55	59	73
Sound pressure level	cooling	H/L	dB(A)	47/43	46/*	46/*	48/*	48/*
	heating	H/L	dB(A)	48/44	47/*	47/*	49/*	49/*
Sound power level	cooling	H	dB(A)	62	59	59	61	61
Operation range	cooling	from ~ to	°CDB	+10 ~ 46	-10 ~ 46			
	heating	from ~ to	°CDB	-10 ~ 15.5	-15 ~ 15.5			
Refrigerant type				R-410A				
Power supply				1~, 220-240/220-230V, 50/60Hz				

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

Rising energy and general building services running costs have led end users to expect far more than just cooling and heating from their air conditioning. A truly complete and acceptable system therefore, must be energy efficient, economic to run, easy to install, flexible, reliable and user friendly.
Fresh air must also be supplied without increasing energy consumption and central management and control facilities have gained in importance, particularly for medium to large sized buildings.
The Daikin Hi-VRV system meets all these requirements:



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

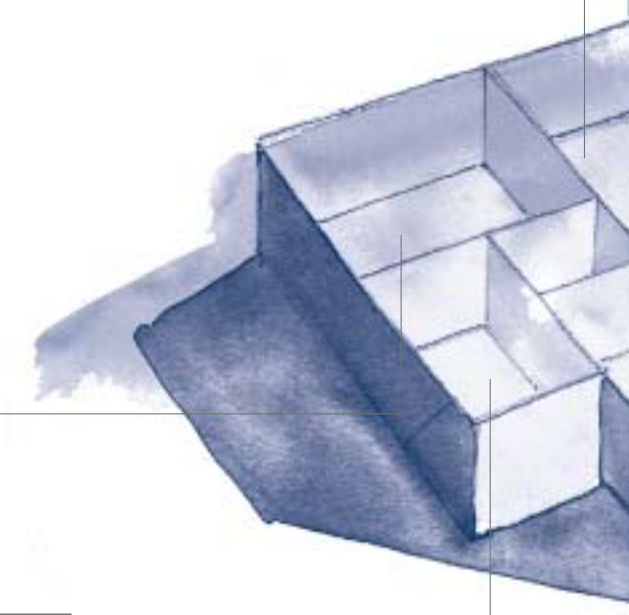
VRV II®

RXYSQ-M7

VRV II-S Inverter heat pump

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

Cassette type unit

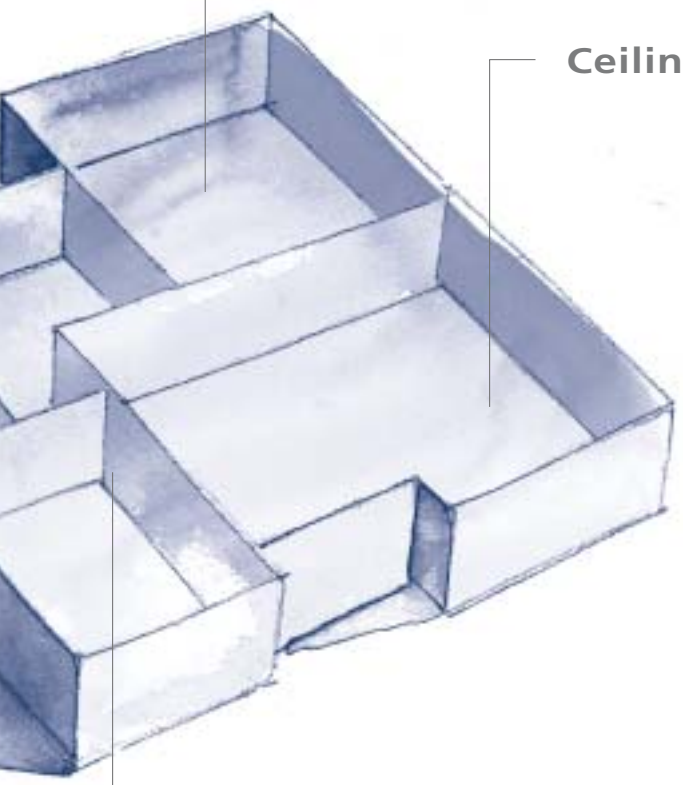


Concealed ceiling unit

Floor standing unit

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

Concealed floor standing unit



Ceiling suspended unit

Wall mounted unit

VRVII-S HEAT PUMP

OUTDOOR UNIT			RXYSQ4M7V3B	RXYSQ5M7V3B	RXYSQ6M7V3B
Equivalent horsepower		HP	4	5	6
Minimum capacity index			50	62.5	75
Maximum capacity index			130	162.5	195
Cooling capacity		kW	11.2	14.0	15.5
Heating capacity		kW	12.5	16.0	18.0
Nominal input	Cooling	kW	3.36	4.61	5.08
	Heating	kW	3.57	4.13	4.83
EER	Cooling		3.33	3.04	3.05
COP	Heating		3.50	3.87	3.75
Dimensions (HxWxD)		mm	1,345x900x320	1,345x900x320	1,345x900x320
Weight		kg	127	127	127
Casing			painted galvanised steel plate		
Colour			ivory white		
Sound pressure level		dB(A)	51	52	54
Sound power level		dB(A)	67	68	70
Air flow rate	Cooling/heating	m^3/min	104/107	104/107	110/109
Operation range	Cooling	°CDB	-5° ~ 46°		
	Heating	°CWB	-20° ~ 15.5°		
Maximum number of connectable indoor units			6	8	9
Refrigerant name			R-410A		
Power supply		V3	1~, 50Hz, 230V		

VRV® II

Daikin Europe has achieved a quantum leap forward in commercial air conditioning technology by the introduction of its VRVII, the world's first R-410A operated variable refrigerant flow system.

Available in cooling only, heat pump and heat recovery versions, the new system, which represents a considerable advance over earlier VRV systems, demonstrates Daikin's innovative application of new technology and the latest HFC refrigerants to its VRV product programmes.

Many new features and installation benefits are incorporated in VRV II. Its operating range for example – 5hp, then 8hp to 48hp in 2hp increment steps (22 system combinations), is wider than any of its contemporaries. Furthermore, its ability to run no less than 40 indoor units in heat recovery as well as heat pump format cannot at present be matched by other comparable systems.

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

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

RXQ-M9

VRV II *Inverter cooling only*

new

5HP

8,10HP

VRV II COOLING ONLY

OUTDOOR UNIT			RXQ5M9W1B	RXQ8M9W1B	RXQ10M9W1B
Equivalent horsepower		HP	5	8	10
Number of outdoor units			1	1	1
Minimum capacity index			62.5	100	125
Maximum capacity index			162.5	260	325
Cooling capacity		kW	14.0	22.4	28.0
Power input		kW	4.14	5.92	8.01
EER			3.38	3.78	3.50
Dimensions	Height	mm	1,600	1,600	1,600
	Width	mm	635	930	930
	Depth	mm	765	765	765
Weight		kg	141	219	219
Sound pressure level		dB(A)	54	57	58
Sound power level		dB(A)	72	78	78
Air flow rate		m^3/min	75	175	180
Operation range		°CDB	-5~43		
Number of connectable indoor units			8	13	16
Refrigerant type			R-410A		
Power supply		W1	3N~, 50Hz, 400V		

OPTIMISED DESIGN R-410A

RXYQ-M9

VRV II Inverter heat pump

new

18,20HP

28,30,32HP

38,40,42HP

VRV II HEAT PUMP

OUTDOOR UNIT			RXYQ5M9W1B	RXYQ8M9W1B	RXYQ10M9W1B	RXYQ12M9W1B	RXYQ14M9W1B	RXYQ16M9W1B
Nominal cooling capacity		kW	14.0	22.4	28.0	33.5	40.0	45.0
Nominal heating capacity		kW	16.0	25	31.5	37.5	45.0	50.0
Power input	cooling	kW	4.14	5.92	8.01	9.16	13.4	16.0
	heating	kW	3.71	6.06	7.65	9.20	11.7	13.2
EER	cooling		3.38	3.78	3.50	3.66	2.99	2.81
COP	heating		4.31	4.13	4.12	4.08	3.85	3.79
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600	1,600
	width	mm	635	930	930	1,240	1,240	1,240
	depth	mm	765	765	765	765	765	765
Weight		kg	146	217	217	240	289	289
Sound pressure levels		dB(A)	54	57	58	60	60	60
Sound power level		dB(A)	72	78	78	80	80	80
Air flow rate		m^3/min	75	175	180	210	210	210
Operation range	cooling	°CDB	-5 ~ 43					
	heating	°CWB	-20 ~ 15.5					
Refrigerant type			R-410A					
Power supply		W1	3N~, 50Hz, 400V					

OPTIMISED DESIGN R-410A

VRV II HEAT PUMP

RXYQ-M9			5	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Modules	RXYQ5M9		1																					
	RXYQ8M9			1					1															
	RXYQ10M9				1				1	2	1	1	1				2	2	1	1	1			
	RXYQ12M9					1					1			1					1			1		
	RXYQ14M9						1					1			1		1			1			1	
	RXYQ16M9							1					1	1	1	2		1	1	1	2	2	2	3
Equivalent horsepower		HP	5	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Number of outdoor units			1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Number of compressors			1	2	2	2	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8	8	9	9
Minimum capacity index			62,5	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Maximum capacity index			162,5	260	325	390	455	520	585	650	715	780	845	910	975	1.040	1105	1.170	1.235	1.300	1.365	1.430	1.495	1.560
Cooling capacity		kW	14,0	22,4	28,0	33,5	40,0	44,5	50,4	56,0	61,5	68,0	73,0	78,5	85,0	90,0	96,0	101,0	106,5	113,0	118,0	123,5	130,0	135,0
Heating capacity		kW	16,0	25,0	31,5	37,5	45,0	50,0	56,5	63,0	69,0	76,5	81,5	87,5	95,0	100,0	108,0	113,0	119,0	126,5	131,5	137,5	145,0	150,0
Power input	Cooling	kW	4,14	5,92	8,01	9,16	13,40	16,00	13,93	16,02	17,20	21,40	24,00	25,20	29,40	32,00	29,40	32,00	33,20	37,40	40,00	41,20	45,40	48,00
	Heating	kW	3,71	6,06	7,65	9,20	11,70	13,20	13,71	15,30	16,90	19,40	20,90	22,40	24,90	26,40	27,00	28,50	30,10	32,60	34,10	35,60	38,10	39,60
EER	Cooling		3,38	3,78	3,50	3,66	2,99	2,78	3,62	3,50	3,58	3,18	3,04	3,12	2,89	2,81	3,27	3,16	3,21	3,02	2,95	3,00	2,86	2,81
COP	Heating		4,31	4,13	4,12	4,08	3,85	3,79	4,12	4,12	4,08	3,94	3,90	3,91	3,82	3,79	4,00	3,96	3,95	3,88	3,86	3,86	3,81	3,79
Dimensions	Height	mm	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600
	Width	mm	635	930	930	1.240	1.240	1.240	1.860	1.860	2.170	2.170	2.170	2.480	2.480	2.480	3.100	3.100	3.410	3.410	3.410	3.720	3.720	3.720
	Depth	mm	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	146	217	217	240	289	289	434	434	457	506	506	529	578	578	723	723	746	795	795	818	867	867
Number of connectable indoor units			8	13	16	20	20	20	20	20	22	32	32	32	32	32	34	36	38	40	40	40	40	40

OPTIMISED DESIGN R-410A

REYQ-M7

VRV II Heat recovery

22,24,26HP

34,36HP

44,46,48HP

VRV II HEAT RECOVERY

OUTDOOR UNIT			REYQ8M7W1B	REYQ10M7W1B	REYQ12M7W1B	REYQ14M7W1B	REYQ16M7W1B
Nominal cooling capacity		kW	22.4	28.0	33.5	40.0	44.5
Nominal heating capacity		kW	25.0	31.5	37.5	45.0	50.0
Power input	cooling	kW	6.97	9.00	10.60	14.24	15.60
	heating	kW	6.89	9.31	10.80	12.90	14.00
EER	cooling		3.21	3.11	3.16	2.81	2.85
COP	heating		3.63	3.38	3.47	3.49	3.57
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600
	width	mm	930	930	1,240	1,240	1,240
	depth	mm	765	765	765	765	765
Weight		kg	245	245	295	340	340
Sound pressure level		dB(A)	57	58	60	60	60
Sound power level		dB(A)	78	78	80	80	80
Air flow rate		m^3/min	175	180	210	210	210
Operation range	cooling	°CDB	-5~43				
	heating	°CWB	-20~15.5				
Refrigerant type			R-410A				
Power supply		W1	3N~, 50Hz, 400V				

* Sound power levels were not available at time of publication

VRV II HEAT RECOVERY

REYQ-M7W1B			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Modules	REYQ8M		1					1															
	REYQ10M			1				1	2	1	1	1				2	2	1	1	1			
	REYQ12M				1					1			1					1			1		
	REYQ14M					1					1			1		1			1			1	
	REYQ16M						1					1	1	1	2		1	1	1	2	2	2	3
Equivalent horsepower		HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Number of outdoor units			1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Minimum capacity index			100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Maximum capacity index			260	325	390	455	520	585	650	715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560
Cooling capacity		kW	22.4	28.0	33.5	40.0	44.5	50.4	56.0	61.5	68.0	72.5	78.0	84.5	89.0	96.0	101	106	113	117	123	129	134
Heating capacity		kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	69.0	76.5	81.5	87.5	95.0	100	108	113	119	127	132	138	145	150
Power input	cooling	kW	6.97	9.00	10.60	14.24	15.60	16.00	18.00	19.60	23.30	24.60	26.20	29.90	31.20	32.30	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	heating	kW	6.89	9.31	10.80	12.90	14.00	16.20	18.60	20.10	22.20	23.30	24.80	26.90	28.10	31.50	32.60	34.10	36.20	37.40	38.80	40.90	42.10
EER	cooling		3.21	3.11	3.16	2.81	2.85	3.15	3.11	3.14	2.92	2.95	2.98	2.83	2.85	2.97	3.01	3.01	2.90	2.91	2.94	2.84	2.86
COP	heating		3.63	3.38	3.47	3.49	3.57	3.49	3.39	3.43	3.44	3.50	3.53	3.53	3.56	3.43	3.47	3.49	3.51	3.53	3.56	3.55	3.56
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	width	mm	930	930	1,240	1,240	1,240	1,860	1,860	2,170	2,170	2,170	2,480	2,480	2,480	3,100	3,100	3,410	3,410	3,410	3,720	3,720	3,720
	depth	mm	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	245	245	295	340	340	490	490	540	585	585	635	680	680	830	830	880	925	925	975	1,020	1,020
Number of connectable indoor units			13	16	19	20	20	20	20	22	32	32	32	32	32	34	36	38	40	40	40	40	40

RWEYQ-M

VRV-WII Water-cooled heat pump
VRV-WII Water-cooled heat recovery

- Wide outdoor 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 outdoor unit
- Wide range of indoor units: 13 different indoor models in 75 variations (same as VRVII)
- Compact design
- Flexible piping length: actual piping length 120m (equivalent piping length 140m)
- Operation range (inlet water temperature): 10-45°C
- Connectable to current Daikin control systems:

DS-net

intelligent touch Controller

intelligent Manager

BACnet Gateway

MS-IF

HEAT PUMP/HEAT RECOVERY			RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
Equivalent horsepower		HP	10	20	30
Nominal cooling capacity		kW	26.7	53.4	80.1
Nominal heating capacity		kW	31.5	63.0	94.5
Power input*	Cooling	kW	6.03	12.10	18.10
	Heating	kW	6.05	12.10	18.20
EER			4.43	4.41	4.43
COP			5.21	5.21	5.19
Dimensions	Height	mm	1,000	*	*
	Width	mm	780	*	*
	Depth	mm	550	*	*
Weight		kg	150	150+150	150+150+150
Sound pressure level		dB(A)	51	54	56
Sound power level		dB(A)	**	**	**
Operation range	Cooling	°C	10 ~ 45		
	Heating	°C	10 ~ 45		
Refrigerant type			R-410A		
Power supply		Y1	3~, 50Hz, 380-415V		

* Dimensions of 20HP and 30HP units depend on the method of stacking
** Information was not available at time of publication

FXZQ-M

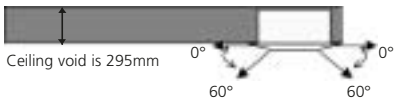
4-Way blow ceiling mounted cassette (600 mm x 600 mm)

FXZQ-M

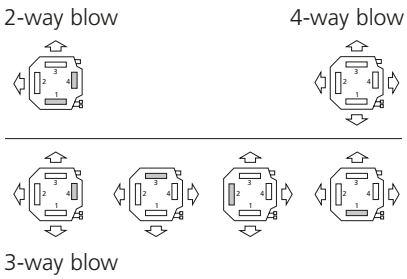
- New and extremely compact casing (575mm in depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Modern style decoration panel in super white (RAL9010)
- Whisper quiet operation with sound pressure levels as low as 25dBA

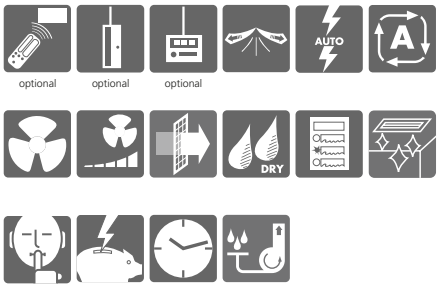
Excellent low draught characteristics

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



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





FXZQ-M7V1B

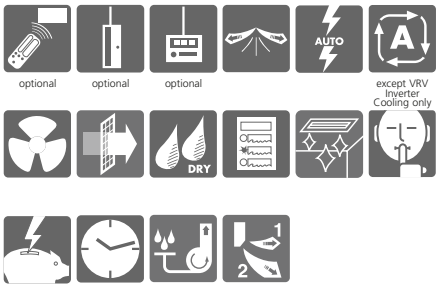
INDOOR UNIT			20	25	32	40	50
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3
Nominal input	cooling	W	73	73	76	89	115
	heating	W	64	64	68	80	107
Dimensions (HxW/xD)		mm	286x575x575				
Weight		kg	18				
Air flow rate (H/L)		m^3/min	9.0/7.0	9.0/7.0	9.5/7.0	11.0/8.0	14.0/10.0
Sound pressure level (H/L)(220V)		dB(A)	30/25	30/25	32/26	36/28	41/33
Sound power level		dB(A)	47	47	49	53	58
Refrigerant type			R-410A				
Power supply		VE	1~, 50Hz, 220-240V				
Infrared remote control	cooling		BRC7E531W				
	heating		BRC7E530W				
Wired remote control			BRC1D527				
DECORATION PANEL			BYFQ60B7W1				
Dimensions (HxWxD)		mm	55x700x700				
Weight		kg	2.7				

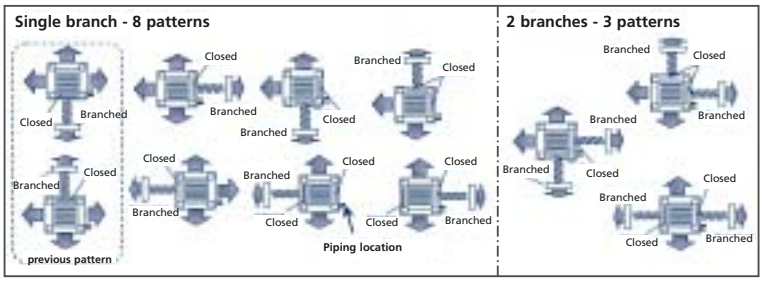
FXFQ-M7

4-Way blow ceiling mounted cassette

FXFQ80,100,125M7

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





FXFQ-M7V1B

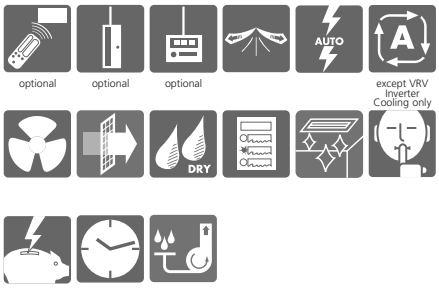
INDOOR UNIT			20	25	32	40	50	63	80	100	125
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Nominal input	cooling	W	90	90	90	97	106	118	173	184	230
	heating	W	75	75	75	82	90	101	159	169	215
Dimensions (HxW)(xD)		mm	230x840x840						288x840x840		
Weight		kg	24						28		
Air flow rate (H/L)		m^3/min	13/10	13/10	13/10	14/10	16/11	18/14	28/20	28/21	31/24
Sound pressure level (H/L)		dB(A)	31/28	31/28	31/28	32/28	33/28	34/29	38/32	40/33	45/36
Sound power level		dB(A)	48	48	48	49	50	51	54	56	61
Refrigerant type			R-410A								
Power supply		V1	1~, 50Hz, 230V								
Infrared remote control	cooling		BRC7C513W								
	heating		BRC7C512W								
Wired remote control			BRC1D527								
DECORATION PANEL			BYC125K7W1B								
Dimensions (HxWxD)		mm	40x950x950								
Weight		kg	5								

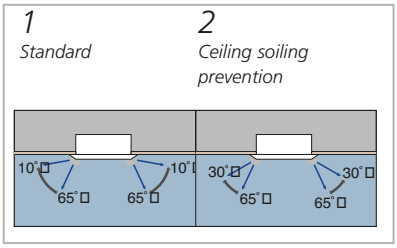
FXCQ-M7

2-Way blow ceiling mounted cassette

FXCQ20,25,32M7

- Slim unit can be installed in a ceiling void of only 355mm
- Easy installation : depth of all units is 600mm
- Auto-swing mechanism ensures even room air and temperature distribution and prevents ceiling soiling
- Quiet operation
- Leaves maximum floor and wall space for furniture and decorations
- Easy to clean flat suction grille





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

FXCQ-M7V1B

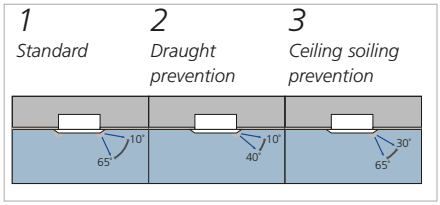
INDOOR UNIT			20	25	32	40	50	63	80	125
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Nominal input	cooling	W	77	92	92	130	130	161	209	256
	heating	W	44	59	59	97	97	126	176	233
Dimensions (HxWxD)		mm	305x780x600			305x995x600		305x1,180x600	305x1,670x600	
Weight		kg	26			31	32	35	47	48
Air flow rate (H/L)		m^3/min	7/5	9/6.5	9/6.5	12/9	12/9	16.5/13	26/21	33/25
Sound pressure level (H/L)		dB(A)	33/28	35/29	35/29	35.5/30.5	35.5/30.5	38/33	40/35	45/39
Sound power level		dB(A)	45	50	50	50	50	52	54	60
Refrigerant type			R-410A							
Power supply		V1	1~, 50Hz, 230V							
Infrared remote control	cooling		BRC7C67							
	heating		BRC7C62							
Wired remote control			BRC1D527							
DECORATION PANEL			BYBC32GJW1			BYBC50GJW1		BYBC63GJW1	BYBC125GJW1	
Dimensions (HxWxD)		mm	53x1,030x680			53x1,245x680		53x1,430x680	53x1,920x680	
Weight		kg	8			8.5		9.5	12	

FXKQ-M

Ceiling mounted corner cassette

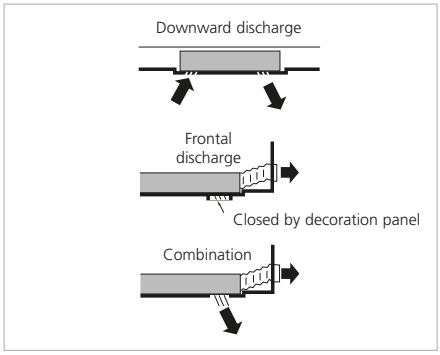
FXKQ63M

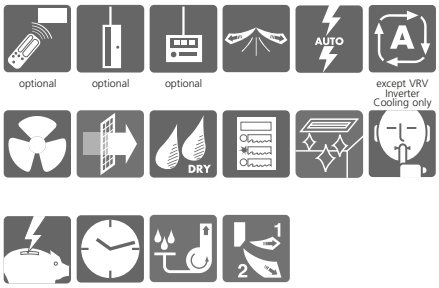
- Specific design for use in rooms with shallow ceiling voids
- Auto-swing mechanism ensures even room air and temperature distribution
- Choice of 3 auto-swing positions for maximum comfort : standard, draught prevention or ceiling soiling prevention



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

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





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

FXKQ-MVE

INDOOR UNIT			25	32	40	63
Cooling capacity		kW	2.8	3.6	4.5	7.1
Heating capacity		kW	3.2	4.0	5.0	8.0
Nominal input	cooling	W	66	66	76	105
	heating	W	46	46	56	85
Dimensions (HxWxD)		mm	215x1,110x710			215x1,310x710
Weight		kg	31			34
Air flow rate (H/L)		m^3/min	11/9	11/9	13/10	18/15
Sound pressure level (H/L)(220V)		dB(A)	38/33	38/33	40/34	42/37
Sound power level		dB(A)	*	*	*	*
Refrigerant type			R-410A			
Power supply		V£	1~, 50Hz, 220-240V			
Infrared remote control	cooling		BRC4C63			
	heating		BRC4C61			
Wired remote control			BRC1D527			
DECORATION PANEL			BYK45FJW1			BYK71FJW1
Dimensions (HxWxD)		mm	70x1,240x800			70x1,440x800
Weight		kg	8.5			9.5

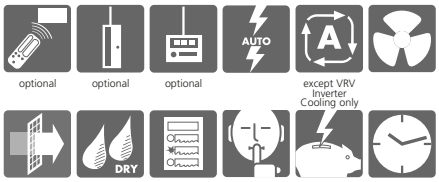
* Sound power levels were not available at time of publication

FXDQ-M7

Concealed ceiling unit (small)

FXDQ20,25M7

- Designed for hotel use
- Compact dimensions, can easily be mounted in a ceiling void
- Since only the suction and discharge grilles are visible, the system will blend in any interior décor
- Extremely quiet in operation, both indoors and outdoors
- The air suction direction can be altered from rear to bottom suction
- Standard air suction filter



FXDQ-M7V1B

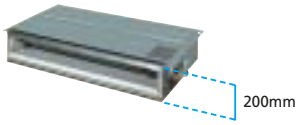
INDOOR UNIT			20	25
Cooling capacity		kW	2.2	2.8
Heating capacity		kW	2.5	3.2
Nominal input	cooling	W	50	
	heating	W	50	
Dimensions (HxWxD)		mm	230x502x652	
Weight		kg	17	
Air flow rate (H/L)		m^3/min	6.7/5.2	7.4/5.8
Sound pressure level (H/L)		dB(A)	37/32	
Sound power level		dB(A)	50	
Refrigerant type			R-410A	
Power supply		V1	1~, 50Hz, 230V	
Infrared remote control	cooling		BRC4C64	
	heating		BRC4C62	
Wired remote control			BRC1D527	

FXDQ-N

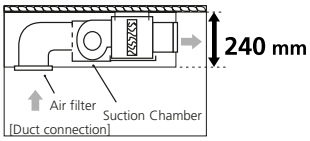
Slim concealed ceiling unit

FXDQ20-50NVE

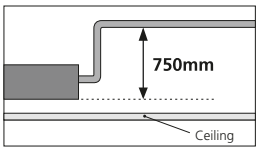
- Slim design for flexible installation

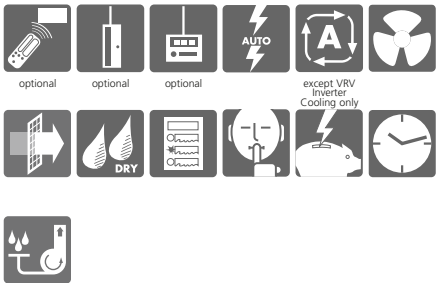


- Compact dimensions, can easily be mounted in a ceiling void of only 240mm



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





FXDQ-NVE

INDOOR UNIT			20	25	32	40	50	63
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	Cooling	W	150	150	150	160	165	181
	Heating	W	137	137	137	147	152	168
Dimensions (HxWxD)		mm	200x900x620					200x1,100x620
Weight		kg	26	26	26	27	28	31
Air flow rate (H/L)		m^3/min	9.5/7.5	9.5/7.5	10.5/8.5	10.5/8.5	12.5/10.0	16.5/13.0
Sound pressure level (H/L)		dB(A)	33/29	33/29	33/29	34/30	35/31	36/32
Sound power level		dB(A)	*	*	*	*	*	*
Refrigerant type			R-410A					
Power supply		VE	1~, 50Hz, 220-240V					
Infrared remote control	Cooling		BRC4C64					
	Heating		BRC4C62					
Wired remote control			BRC1D527, BRC2A51, BRC3A61					

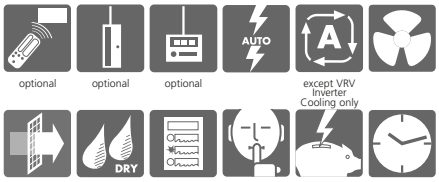
* Sound power levels were not available at time of publication

FXSQ-M7

Concealed ceiling unit

FXSQ20,25,32M7

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



FXSQ-M7V1B

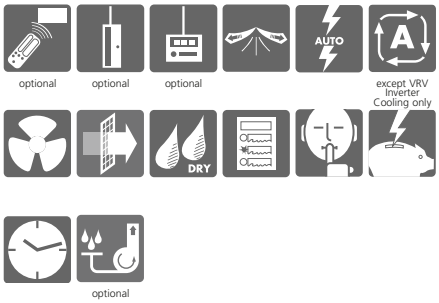
INDOOR UNIT			20	25	32	40	50	63	80	100	125
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Nominal input	cooling	W	110	110	114	127	143	189	234	242	321
	heating	W	90	90	94	107	123	169	214	222	301
Dimensions (HxWxD)		mm	300x550x800			300x700x800		300x1,000x800		300x1,400x800	
Weight		kg	30	30	30	30	31	41	51	51	52
Air flow rate (H/L)		m^3/min	9/6.5	9/6.5	9.5/7	11.5/9	15/11	21/15.5	27/20	28/20.5	38/28
Sound pressure level (H/L)		dB(A)	32/28	32/28	33/28	33/29	35/31	35/30	37/31	38/33	40/35
Sound power level		dB(A)	50	50	51	56	58	56	55	56	65
Refrigerant type			R-410A								
Power supply		V1	1~, 50Hz, 230V								
Infrared remote control	cooling		BRC4C64								
	heating		BRC4C62								
Wired remote control			BRC1D527								
DECORATION PANEL			BYBS32DJW1			BYBS45DJW1		BYBS71DJW1	BYBS125DJW1		
Dimensions (HxWxD)		mm	55x650x500			55x800x500		55x1,100x500	55x1,500x500		
Weight		kg	3			3.5		4.5	6.5		

FXMQ-M

Concealed ceiling unit (large)

FXMQ80,100,125M

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



FXMQ-MVE

INDOOR UNIT			40	50	63	80	100	125	200	250
Cooling capacity		kW	4.5	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity		kW	5.0	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Nominal input	cooling	W	211	211	211	284	411	619	1,294	1,465
	heating	W	211	211	211	284	411	619	1,294	1,465
Dimensions (HxWxD)		mm	390x720x690				390x1,110x690		470x1,380x1,100	
Weight		kg	44			45	63	65	137	
Air flow rate (H/L)		m³/min	14/11.5			19.5/16	29/23	36/29	58/50	72/62
Sound pressure level (H/L)(220V)		dB(A)	39/35	39/35	42/38	43/39	43/39	45/42	48/45	48/45
Sound power level		dB(A)	*	*	*	*	*	*	*	*
Refrigerant type			R-410A							
Power supply		VE	1~, 50Hz, 220-240V							
Infrared remote control	cooling		BRC4C64							
	heating		BRC4C62							
Wired remote control			BRC1D527							

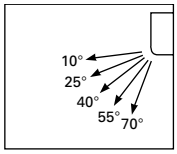
* Sound power levels were not available at time of publication

FXAQ-M

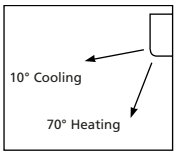
Wall mounted unit

FXAQ40,50,63M

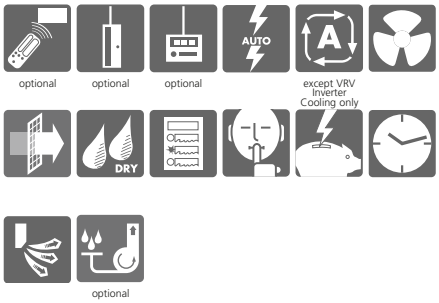
- New design with compact casing
- Dramatic weight reduction of 48% compared to the previous series
- Fits neatly on a wall
- Auto-swing mechanism ensures efficient air distribution via louvers that close automatically when the unit is switched off
- 5 different discharge angles can be programmed via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



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



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



FXAQ-MVE

INDOOR UNIT			20	25	32	40	50	63
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	cooling	W	16	22	27	20	27	50
	heating	W	24	27	32	20	32	60
Dimensions (HxWxD)		mm	290x795x230			290x1,050x230		
Weight		kg	11			14		
Air flow rate (H/L)		m^3/min	7.5/4.5	8/5	9/5.5	12/9	15/12	19/14
Sound pressure level (H/L)(220V)		dB(A)	35/29	36/29	37/29	39/34	42/36	46/39
Sound power level		dB(A)	*	*	*	*	*	*
Refrigerant type			R-410A					
Power supply		V1	1~, 50Hz, 220-240V					
Infrared remote control	cooling		BRC7E619					
	heating		BRC7E618					
Wired remote control			BRC1D527					

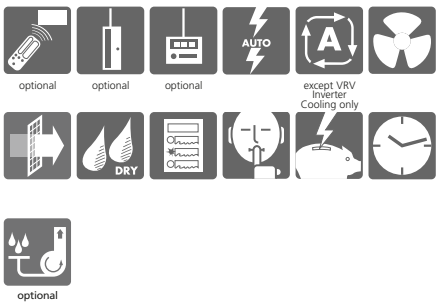
* Sound power levels were not available at time of publication

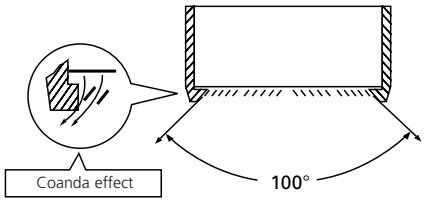
FXHQ-M

Ceiling suspended unit

FXHQ32M

- Reduced sound pressure level
- Leaves maximum floor and wall space for furniture decoration and fittings
- Can be installed both in new and existing buildings
- Use of W-shaped Coanda flap enhances horizontal and vertical air circulation characteristics
- Wider air discharge thanks to Coanda effect: up to 100 degrees
- Easy installation and maintenance
- Long life filter fitted as standard
- Drain pump kit available as accessory





FXHQ-MVE

INDOOR UNIT			32	63	100
Cooling capacity		kW	3.6	7.1	11.2
Heating capacity		kW	4.0	8.0	12.5
Nominal input	cooling	W	111	115	135
	heating	W	111	115	135
Dimensions (HxWxD)		mm	195x960x680	195x1,160x680	195x1,400x680
Weight		kg	24	28	33
Air flow rate (H/L)		m^3/min	12/10	17.5/14	25/19.5
Sound pressure level (H/L)(220V)		dB(A)	36/31	39/34	45/37
Sound power level		dB(A)	*	*	*
Refrigerant type			R-410A		
Power supply		VE	1~, 50Hz, 220-240V		
Infrared remote control	cooling		BRC7E66		
	heating		BRC7E63W		
Wired remote control			BRC1D527		

* Sound power levels were not available at time of publication

FXUQ-M/BEVQ-M

4-way blow ceiling suspended unit / Junction box

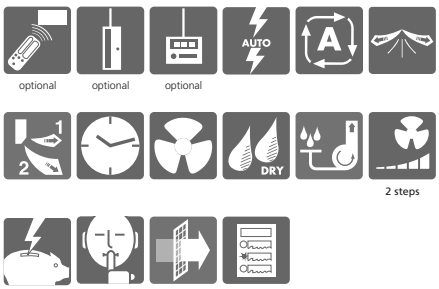
BEVQ-MVE

FXUQ71M

- Ideal for installation in new or 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 3.5 m
- Air can be discharged at 5 different angles between 0 and 60 degrees

- Air filter, drain pan and heat exchanger fin are mildew proof



FXUQ-MV1

INDOOR UNIT			71	100	125
Cooling capacity		kW	8.0	11.2	14.0
Heating capacity		kW	9.0	12.5	14.0
Nominal input	cooling	W	180	289	289
	heating	W	160	269	269
Dimensions (HxWxD)		mm	165x895x895	230x895x895	
Weight		kg	25	31	
Air flow rate (H/L)		m^3/min	19/14	29/21	32/23
Sound pressure level (H/L)(220V)		dB(A)	40/35	43/38	44/39
Sound power level		dB(A)	56	59	60
Refrigerant type			R-410A		
Power supply		VE	1~, 50Hz, 220-240V		
Infrared remote control	cooling		BRC7C529W		
	heating		BRC7C528W		
Wired remote control			BRC1D527		
Combination with junction box			BEVQ71MVE	BEVQ100MVE	BEVQ125MVE

BEVQ-MVE

JUNCTION BOX		71	100	125
Dimensions (HxWxD)	mm	100x350x225		
Weight	kg	3.0	3.0	3.5
Casing		galvanised steel plate		
Power supply	VE	1~, 50Hz, 220-240V		

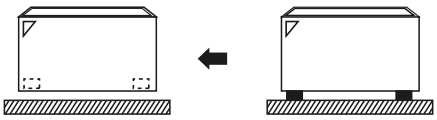
FXNQ-M/FXLQ-M

(Concealed) floor standing unit

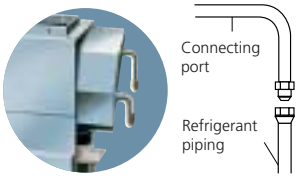
FXLQ20,25M

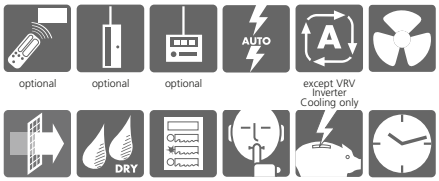
FXNQ20,25M

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



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





FXNQ-MVE

INDOOR UNIT			20	25	32	40	50	63
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	cooling	W	49	49	90	90	110	110
	heating	W	49	49	90	90	110	110
Dimensions (HxWxD)		mm	610x930x220		610x1,070x220		610x1,350x220	
Weight		kg	19		23		27	
Air flow rate (H/L)		m^3/min	7/6	7/6	8/6	11/8.5	14/11	16/12
Sound pressure level (H/L)(220V)		dB(A)	35/32	35/32	35/32	38/33	39/34	40/35
Sound power level		dB(A)	*	*	*	*	*	*
Refrigerant type			R-410A					
Power supply		VE	1~, 50Hz, 220-240V					
Infrared remote control	cooling		BRC4C64					
	heating		BRC4C62					
Wired remote control			BRC1D527					

* Sound power levels were not available at time of publication

FXLQ-MVE

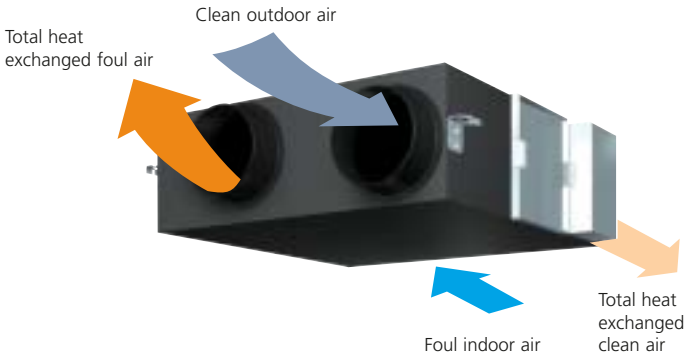
INDOOR UNIT			20	25	32	40	50	63
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Nominal input	cooling	W	49	49	90	90	110	110
	heating	W	49	49	90	90	110	110
Dimensions (HxWxD)		mm	600x1,000x222		600x1,140x222		600x1,420x222	
Weight		kg	25		30		36	
Air flow rate (H/L)		m^3/min	7/6	7/6	8/6	11/8.5	14/11	16/12
Sound pressure level (H/L)(220V)		dB(A)	35/32	35/32	35/32	38/33	39/34	40/35
Sound power level		dB(A)	*	*	*	*	*	*
Refrigerant type			R-410A					
Power supply		VE	1~, 50Hz, 220-240V					
Infrared remote control	cooling		BRC4C64					
	heating		BRC4C62					
Wired remote control			BRC1D527					

* Sound power levels were not available at time of publication


BOSS
BOSS

HRV

Heat Recovery Ventilation



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

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

DS-net

intelligent Touch Controller

intelligent Manager

BACnet Gateway

DMS-IF

VAM-FA

			VAM150FA7VE	VAM250FA7VE	VAM350FA7VE	VAM500FA7VE	VAM650FA7VE	VAM800FA7VE	VAM1000FA7VE	VAM1500FA7VE	VAM2000FA7VE
Air flow rate		m^3/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	61
	cooling	%	64	64	65	62	63	65	66	66	66
Dimensions	H	mm	269	269	285	285	348	348	348	710	710
	W	mm	760	760	812	812	988	988	988	1,498	1,498
	D	mm	509	509	800	800	852	852	1,140	852	1,140
Weight		kg	24	24	33	33	48	48	61	132	158
Duct diameter		mm	Ø 100	Ø 150	Ø 150	Ø 200	Ø 200	Ø 250	Ø 250	Ø 350	Ø 350
Power supply			VE: 1~, 50Hz, 220-240V								

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

new

HRV

Heat Recovery Ventilation

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

DS-net

intelligent touch Controller

intelligent Manager

BACnet Gateway

SMS-IF

VKM-GM

HRV WITH DX COIL & HUMIDIFIER			VKM50GMV1	VKM80GMV1	VKM100GMV1
Fresh air conditioning load	Cooling	kW	4.71	7.46	9.12
	Heating	kW	5.58	8.79	10.69
Air flow rate	Ultra high - high - low	m^3/h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	Ultra high - high - low	dBA	37 - 35 - 32	38.5 - 36 - 33	39 - 37 - 34
Sound pressure level - 240V	Ultra high - high - low	dBA	38 - 36 - 34	40 - 37.5 - 35.5	40 - 38 - 35.5
Static pressure	Ultra high - high - low	Pa	160 - 120 - 100	140 - 90 - 70	110 - 70 - 60
Temperature exchange efficiency	Ultra high - high - low	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	Ultra high - high - low	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	Ultra high - high - low	%	67 - 67- 69	71 - 71 - 73	65 - 65 -69
Humidifier type			natural evaporating humdifier		
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-G

HRV WITH DX COIL			VKM50GV1	VKM80GV1	VKM100GV1
Fresh air conditioning load	Cooling	kW	4.71	7.46	9.12
	Heating	kW	5.58	8.79	10.69
Air flow rate	Ultra high - high - low	m^3/h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	Ultra high - high - low	dBA	38 - 36 - 33.5	40 - 37.5 - 34.5	40 - 38 - 35
Sound pressure level - 240V	Ultra high - high - low	dBA	39 - 37 - 35.5	41.5 - 39 - 37	41 - 39 - 36.5
Static pressure	Ultra high - high - low	Pa	180 - 150 - 110	170 - 120 - 80	150 - 100 - 70
Temperature exchange efficiency	Ultra high - high - low	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	Ultra high - high - low	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	Ultra high - high - low	%	67 - 67- 69	71 - 71 - 73	65 - 65 -69
Dimensions	Height	mm	387	387	387
	Width	mm	1,764	1,764	1,764
	Depth	mm	832	1,214	1,214
Weight		kg	96	109	114
Power supply		V1		1~, 220-240V, 50Hz	


Intelligent
Manager

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

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

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

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

Control systems

Centralised Control Systems

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

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

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

DCS302C51

CENTRALISED REMOTE CONTROL

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

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

DCS301B51

UNIFIED ON/OFF CONTROL

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

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

DST301B51

SCHEDULE TIMER

Enabling 64 groups to be programmed.

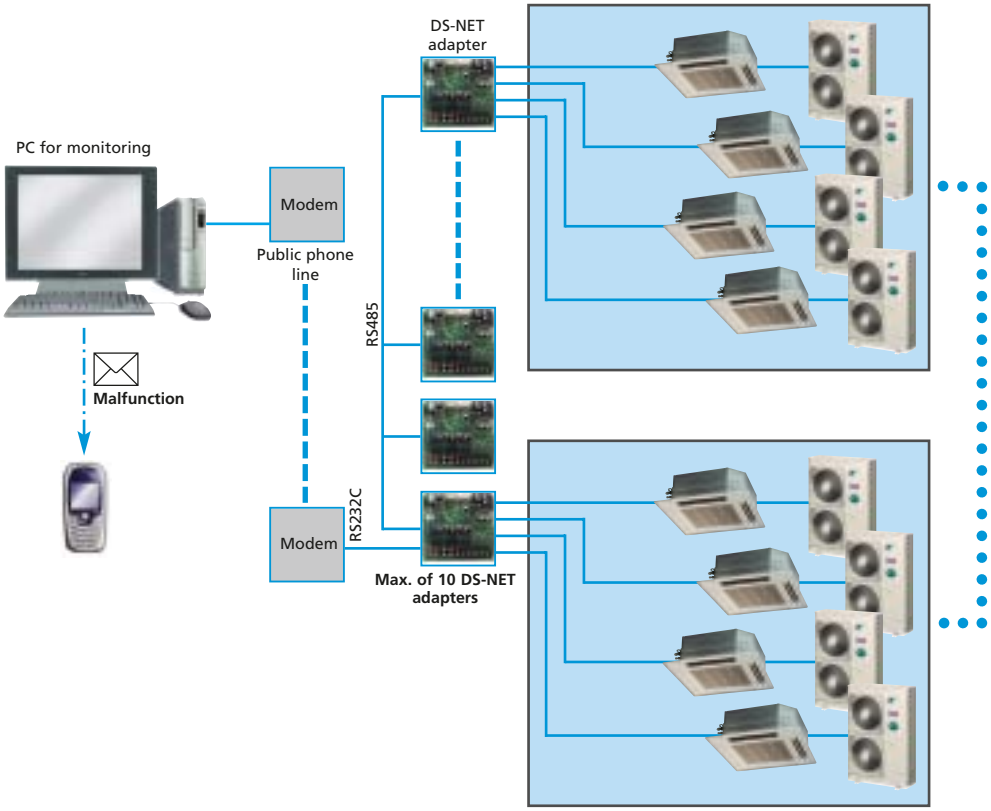
- a maximum of 128 indoor units can be controlled
- 8 types of weekly schedule
- a maximum of 48 hours back up power supply
- a maximum wiring length of 1,000m (total: 2,000m)

Daikin Network Solutions

DS-net

new

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



APPLICATION AREA

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

SYSTEM LAYOUT

- Allows monitoring and control of up to up to 50 stores or sites and 2,000 indoor units with just one modem and phone line.
- Automates daily air conditioning operation in order to free users from the hassle of air conditioning operation/management.
- The daily schedule setting allows automatic operation afterward.
- Automates alarm (report messages) for any malfunctions/errors. Immediate report of any indoor unit breakdown to the servicing company.
- Automatic report of breakdown/ malfunction information.
- Minimizes the inconvenience of not having air conditioning via rapid messages

FUNCTIONS

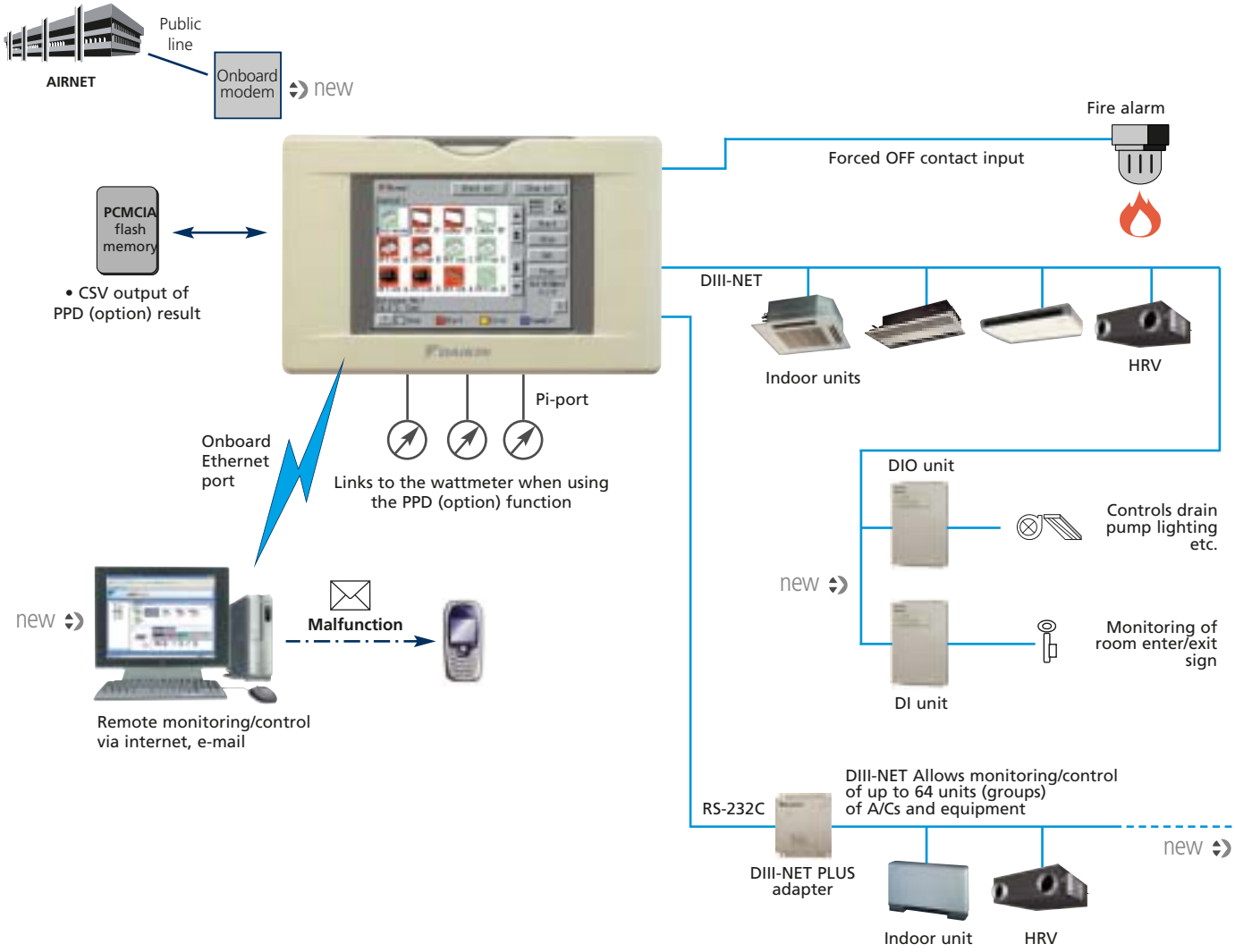
- Schedule setup (Daily schedule)
  - Start/Stop
- Air conditioning malfunction report
  - Send message to monitoring system
- Manual operation
  - Start/Stop, Set temperature, Operation mode, Fan speed
- Status monitoring (Start/Stop, Set temperature, Operation mode, Room temperature, Operation time,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

Daikin Network Solutions

intelligent touch Controller

new

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



LANGUAGES

- English
- French
- German
- Italian
- Spanish

SYSTEM LAYOUT

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

MANAGEMENT

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

CONTROL

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

MONITORING

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

COST PERFORMANCE

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

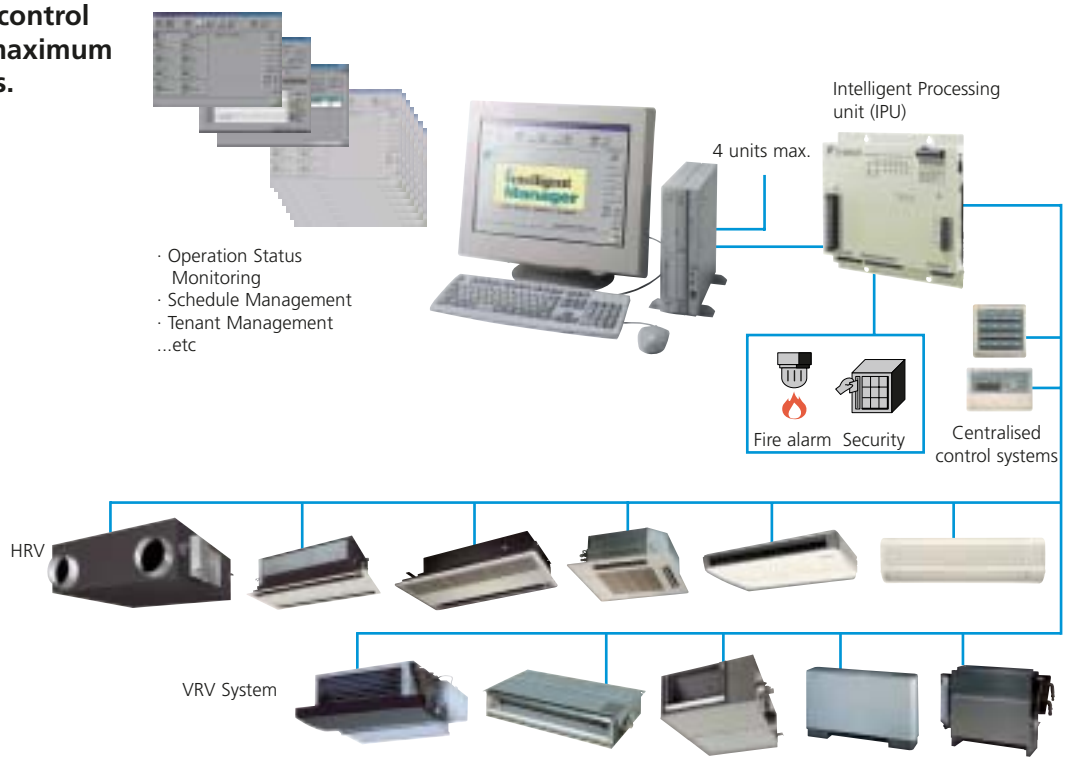
CONNECTABLE TO:

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

Daikin Network Solutions

intelligent Manager

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



LANGUAGES

- English
- French
- German
- Italian
- Spanish

SYSTEM LAYOUT

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

MANAGEMENT

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

CONTROL

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

MONITORING

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

COST PERFORMANCE

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

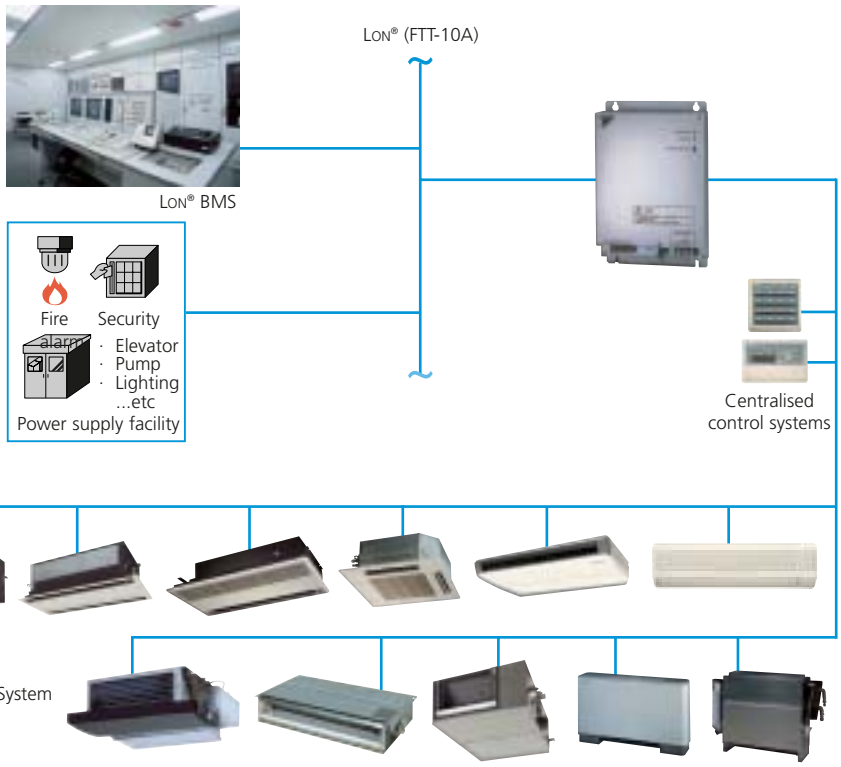
CONNECTABLE TO:

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

DMS-IF

LonWorks® Networks Compatible Gateway

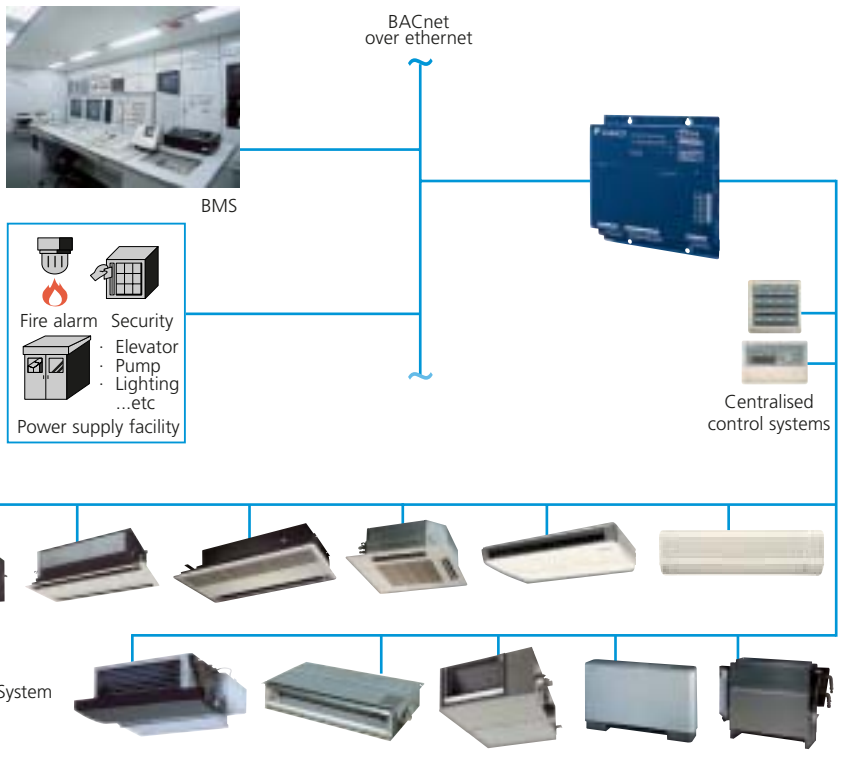
- Interface for Lon connection to LonWorks® networks
- Communication via Lon® protocol (twisted pair wire)
- 64 units connectable per DMS-IF
- Unlimited site-size
- Quick and easy installation



BACnet Gateway

Integrated control system connecting VRV system with BMS system

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



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

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

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

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

Applied systems

EUWA*-KAZW

air-cooled

HYDROCUBE

EUWAN16KAZW

EUWA**N**:
standard equipment
- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille
- All year operation

EUWA**P** = EUWA**N** +
- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWA**B** = EUWA**P** +
- Buffer tank

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

COOLING ONLY

			EUWA*5KAZW			EUWA*8KAZW			EUWA*10KAZW			EUWA*12KAZW			EUWA*16KAZW			EUWA*20KAZW			EUWA*24KAZW		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Cooling capacity		kW	11.3			17.9			22.5			26.5			37.0			46.6			55.3		
Nominal input		kW	4.52	4.64		7.38	7.39		8.79	8.74		11.5	11.5		15.2	15.0		18.1	17.9		24.0	24.0	
EER			2.51	2.44		2.42	2.42		2.56	2.57		2.30	2.30		2.42	2.47		2.57	2.60		2.30	2.30	
Dimensions (HxWxD)		mm	1,230x1,290x734						1,450x1,290x734						1,321x2,580x734			1,541x2,580x734					
Nominal static height	unit	kPa	-	205		-	154		-	123		-	105		-	187		-	137		-	100	
Nominal pressure drop		kPa	24			38			43			37			22			22			22		
Expansion vessel volume		l	-	12		-	12		-	12		-	12		-	12		-	12		-	12	
Buffer tank volume		l	-		55	-		55	-		55	-		55	-		55	-		55	-		55
Machine weight		kg	150	168	180	215	229	241	245	259	271	248	262	274	430	448	460	490	508	520	496	514	526
Sound power level		dBA	67			76			78			78			79			81			81		
Operation range	water side	°CDB	5°C (-10°C as option) ~ 25°C																				
	air side	°CDB	-15°C ~ 43°C																				
Refrigerant type			R-407C																				
Power supply		W1	400V/3N~/50Hz																				

EUWA*-BZ6Y

air-cooled

HYDROCUBE

EUWAN40BZ6Y

EUWAN:
standard equipment
- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille
- All year operation

EUWAP = EUWAN +
- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWAB = EUWAP +
- Buffer tank

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

COOLING ONLY

			EUWA*030BZ6Y			EUWA*035BZ6Y			EUWA*040BZ6Y			EUWA*045BZ6Y			EUWA*049BZ6Y			EUWA*050BZ6Y		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Cooling capacity		kW	62.2			75.7			102.0			120.8			131.3			128.1		
Nominal input		kW	24.7			29.2			39.5			44.6			52.5			49.9		
EER			2.52			2.59			2.58			2.71			2.50			2.57		
Dimensions (HxWxD)	N & P-type	mm	1,790x2,800x1,100		*	1,790x3,200x1,100		*	2,074x3,200x1,100		*	2,074x3,200x1,100		*	2,074x3,200x1,100		*	1,790x3,400x2,300		*
Nominal static height	unit	kPa	-	179		-	172		-	137		-	180		-	170		-	198	
Nominal pressure drop		kPa	32	-		36	-		49	-		51	-		56	-		37	-	
Expansion vessel volume		l	-	25		-	25		-	25		-	25		-	25		-	35	
Buffer tank volume		l	-		370	-		410	-		410	-		410	-		410	-		570
Operation weight		kg	842	945	1,711	954	1,076	1,923	1,124	1,251	2,097	1,267	1,375	2,221	1,292	1,400	2,246	1,623	1,733	2,947
Sound power level (standard/low noise option)		dBA	85/80			86/81			87/84			87/84			87/84			88/83		
Operation range	water side	°CDB	-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C		
	air side	°CDB	-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C		
Refrigerant type			R-407C			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1	400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz		

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

			EUWA*060BZ6Y			EUWA*070BZ6Y			EUWA*080BZ6Y			EUWA*090BZ6Y			EUWA*095BZ6Y		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Cooling capacity		kW	156.0			181.7			212.7			239.6			265.3		
Nominal input		kW	59.0			69.5			79.4			90.0			106.2		
EER			2.64			2.61			2.68			2.66			2.50		
Dimensions (HxWxD)	N & P-type	mm	1,790x3,400x2,300		*	1,995x3,400x2,300		*	2,100x3,400x2,300		*	2,100x3,400x2,300		*	2,100 x 3,400 x 2,300		*
Nominal static height	unit	kPa	-	177		-	189		-	164		-	128		-	115	
Nominal pressure drop		kPa	45	-		38	-		44	-		44	-		53	-	
Expansion vessel volume		l	-	35		-	35		-	35		-	35		-	35	
Buffer tank volume		l	-		570	-		570	-		570	-		570	-		570
Operation weight		kg	1,818	1,928	3,142	2,087	2,901	3,415	2,245	2,359	3,573	2,423	2,612	3,826	2,456	2,645	3,859
Sound power level (standard/low noise option)		dBA	89/84			89/85			94/88			95/88			95/88		
Operation range	water side	°CDB	-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C			-12°C ~ 12°C		
	air side	°CDB	-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C			-10°C (-18°C as option) ~ 42°C		
Refrigerant type			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1	400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz		

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

EUWY*-KAZW

air-cooled

HYDROCUBE

EUWYN16KAZW

EUWYN**:**
standard equipment
- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille
- All year operation

EUWYP** = EUWY**N** +**
- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWYB** = EUWY**P** +**
- Buffer tank

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

HEAT PUMP

			EUWY*5KAZW			EUWY*8KAZW			EUWY*10KAZW			EUWY*12KAZW			EUWY*16KAZW			EUWY*20KAZW			EUWY*24KAZW		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Nominal capacity	cooling	kW	9.1			17.1			21.0			25.0			34.2			40.0			50.0		
	heating	kW	11.9			18.5			24.0			27.0			37.0			46.0			54.0		
Nominal input	cooling	kW	3.78	3.78		7.45	7.46		8.57	8.57		11.4	11.4		14.9	14.9		16.3	16.3		22.8	22.8	
	heating	kW	4.59	4.59		7.10	7.10		9.10	9.10		10.8	10.8		14.2	14.2		17.4	17.4		21.6	21.6	
EER			2.40	2.40		2.30	2.30		2.45	2.45		2.20	2.20		2.30	2.30		2.45	2.45		2.20	2.20	
COP			2.60	2.60		2.60	2.60		2.64	2.64		2.50	2.50		2.61	2.61		2.64	2.64		2.50	2.50	
Dimensions (HxWxD)		mm	1,230x1,290x734						1,450x1,290x734						1,321x2,580x734			1,541x2,580x734					
Nominal static height unit	cooling	kPa	-	223		-	171		-	151		-	118		-	209		-	183		-	146	
	heating	kPa	-	205		-	160		-	127		-	100		-	195		-	147		-	111	
Nominal pressure drop	cooling	kPa	10			25			24			33			12			12			19		
	heating	kPa	17			29			31			38			14			16			22		
Expansion vessel volume		l	-	12		-	12		-	12		-	12		-	12		-	12		-	12	
Buffer tank volume		l	-		55	-		55	-		55	-		55	-		55	-		55	-		55
Machine weight		kg	163	181	193	227	241	253	258	272	284	258	272	284	455	473	485	516	534	546	516	534	546
Sound power level		dBA	67			76			78			78			79			81			81		
Operation range - water side	cooling	°CDB	5°C (-10°C as option) ~ 25°C																				
	heating	°CDB	35°C ~ 50°C																				
Operation range - air side	cooling	°CDB	-15°C ~ 43°C																				
	heating	°CDB	-10°C ~ 21°C																				
Refrigerant type			R-407C																				
Power supply		W1	400V/3N~/50Hz																				

EUWY*-BZ6Y

air-cooled

HYDROCUBE

EUWYN040BZ6Y

EUWYN:
standard equipment
- Scroll compressor
- Main isolator switch
- Water flow switch
- Filter
- Condenser protection grille
- All year operation

EUWYP = EUWYN +
- Pump
- Expansion vessel
- Adjusting valve
- Drain
- Water pressure gauge
- Pressure relief valve

EUWYB = EUWYP +
- Buffer tank

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

HEAT PUMP

			EUWY*030BZ6Y			EUWY*035BZ6Y			EUWY*040BZ6Y			EUWY*045BZ6Y			EUWY*049BZ6Y			EUWY*050BZ6Y		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Nominal capacity	cooling	kW	60.5			73.2			93.8			15.5			123.9			125.2		
	heating	kW	57.8			70.5			96.3			115.5			123.7			115.6		
Nominal input	cooling	kW	25.6			30.5			40.6			43.7			51.7			51.8		
	heating	kW	23.1			27.9			38.1			42.1			45.9			46.4		
EER / COP			2.36/2.50			2.40/2.53			2.31/2.53			2.64/2.74			2.40/2.69			2.42/2.49		
Dimensions (HxWxD)	N & P-type	mm	1,790x2,800x1,100		*	1,790x3,200x1,100		*	2,048x3,200x1,100		*	2,048x3,200x1,100		*	2,048x3,200x1,100		*	1,790x3,400x2,300		*
Nominal static height - unit	cooling / heating	kPa	-/-	179/179		-/-	172/172		-/-	137/137		-/-	180		-/-	170		-/-	198/198	
Nominal pressure drop	cooling / heating	kPa	30/30	-/-		34/34	-/-		42/42	-/-		47/47	-/-		50/50	-/-		37/37	-/-	
Expansion vessel volume		l	-	25		-	25		-	25		-	25		-	25		-	35	
Buffer tank volume		l	-	-	370	-	-	410	-	-	410	-	-	410	-	-	410	-	-	570
Operation weight		kg	870	973	1,739	996	1,104	1,951	1,182	1,290	2,136	1,302	1,410	2,256	1,331	1,439	2,285	1,677	1,787	3,001
Sound power level (standard/low noise option)		dBA	85/80			86/81			87/84			87/84			87/84			88/83		
Operation range - water side	cooling / heating	°CDB	0°C ~ 12°C (-12°C as option) / 25°C ~ 50°C																	
Operation range - air side	cooling / heating	°CDB	-10°C ~ 42°C (-18°C as option) / -10°C ~ 20°C																	
Refrigerant type			R-407C			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1	400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz		

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

			EUWY*060BZ6Y			EUWY*070BZ6Y			EUWY*080BZ6Y			EUWY*090BZ6Y			EUWY*095BZ6Y		
			N	P	B	N	P	B	N	P	B	N	P	B	N	P	B
Nominal capacity	cooling	kW	152.1			166.5			194.0			219.4			250.1		
	heating	kW	141.1			166.8			192.7			213.5			251.6		
Nominal input	cooling	kW	61.7			70.6			79.3			91.4			105.9		
	heating	kW	56.3			65.2			78.1			86.2			93.8		
EER / COP			2.47/2.51			2.36/2.56			2.45/2.47			2.40/2.48			2.36/2.68		
Dimensions (HxWxD)	N & P-type	mm	1,790x3,400x2,300		*	1,995x3,400x2,300		*	2,100x3,400x2,300		*	2,100x3,400x2,300		*	2,100 x 3,400 x 2,300		*
Nominal static height - unit	cooling / heating	kPa	-/-	177/177		-/-	189/189		-/-	164/164		-/-	128/128		-/-	115	
Nominal pressure drop	cooling / heating	kPa	45/45	-/-		40/40	-/-		48/48	-/-		52/52	-/-		48/48	-/-	
Expansion vessel volume		l	-	35		-	35		-	35		-	35		-	35	
Buffer tank volume		l	-	-	570	-	-	570	-	-	570	-	-	570	-	-	570
Operation weight		kg	1,872	1,928	3,196	2,166	2,980	3,494	2,324	2,438	3,652	2,502	2,691	3,905	2,535	2,724	3,938
Sound power level (standard/low noise option)		dBA	89/84			89/85			94/88			95/88			95/88		
Operation range - water side	cooling / heating	°CDB	0°C ~ 12°C (-12°C as option) / 25°C ~ 50°C														
Operation range - air side	cooling / heating	°CDB	-10°C ~ 42°C (-18°C as option) / -10°C ~ 20°C														
Refrigerant type			R-407C			R-407C			R-407C			R-407C			R-407C		
Power supply		Y1	400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz			400V/3~/50Hz		

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

EUWAC-FZW

air-cooled

EUWAC8FZW

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

COOLING ONLY

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

EUWA-MZY

air-cooled

EUWA80-120MZY

- PED approved units
- Daikin single screw compressor
- All components optimised for use with R-407C refrigerant
- Advanced PCO² digital controller
- Modular format
- Standard operating range down to -15°C ambient
- High quality, anti-corrosion treated components as standard
- Moisture indicator as standard
- Victaulic joints as standard
- Chilled water temperatures down to -10°C on standard unit. (Parameter in the service menu of the PCO² digital controller must be set by the installer)
- DICN standard available (air cooled and water cooled cannot be mixed)
- Evaporator heater tape as standard on all units
- Multiple capacity steps
- Double refrigeration circuit (from 160HP on)
- Heat recovery option available new
- Inverter fans and hi-esp fans (up to 150Pa) avaible as option new

Low noise operation

COOLING ONLY

			EUWA40MZY	EUWA50MZY	EUWA60MZY	EUWA80MZY	EUWA100MZY	EUWA120MZY	EUWA160MZY	EUWA180MZY	EUWA200MZY
Cooling capacity		kW	111	144	164	199	285	349	395	468	541
Nominal input		kW	42.8	52.8	65.2	78.9	109	142	158	192	226
EER			2.59	2.73	2.52	2.52	2.61	2.46	2.50	2.44	2.39
Dimensions (HxWxD)		mm	2,250x2,346x2,238			2,250x4,280x2,238			2,250x5,901x2,238		
Machine weight		kg	1,411	1,565	1,654	2,193	2,573	2,623	4,842	4,965	5,088
Sound power level (standard/low noise option)		dBA	91/88	96/91	96/90	97/95	99/93	100/94	101/95	101/96	101/96
Operation range	water side	°CDB	-10°C ~ 26°C								
	air side	°CDB	-15°C ~ 43°C								
Refrigerant type			R-407C								
Power supply		Y1	400V/3~/50Hz								

EUWA-K(B)XY

air-cooled

EUWA40-60KBXY

- All models are PED pressure vessel approved
- Daikin single screw compressor
- All components optimised for use with R-134a refrigerant
- Modular format
- Standard operating range down to -15°C ambient
- High quality, anti-corrosion treated components as standard
- Moisture indicator as standard
- Victaulic joints as standard
- PCO digital controller
- Liquid line solenoid valves standard on all units
- Evaporator heater tape as standard on all units
- Multiple capacity steps
- Double refrigeration circuit (from 80HP on for aircooled units)
- Hi-ESP fans (up to 150Pa) available as new option

COOLING ONLY

			EUWA40KBXY	EUWA50KBXY	EUWA60KBXY	EUWA80KBXY	EUWA100KBXY	EUWA120KBXY	EUWA160KXY*	EUWA180KXY*	EUWA200KXY*
Cooling capacity		kW	111	140	166	211	276	316	400	438	475
Nominal input		kW	39.1	53.7	64.0	79	110	130	164	178	191
EER			2.84	2.61	2.59	2.67	2.51	2.43	2.44	2.46	2.49
Dimensions (HxWxD)		mm	2,221x3,973x1,109			2,248x3,973x2,216			2,156x5,906x2,238		
Machine weight		kg	1,391	1,600	1,705	2,710	3,210	3,260	5,400	5,450	5,500
Sound power level (standard/low noise option)		dBA	91/86	97/90	95/88	94/89	100/93	98/91	99/-	100/-	100/-
Operation range	water side	°CDB	4°C (-10°C as option) ~ 26°C								
	air side	°CDB	-15°C ~ 43°C								
Refrigerant type			R-134a								
Power supply		Y1	400V/3~/50Hz								

R-134a

* preliminary info - available on request
- information was not available at time of publication

ER-MZY

remote evaporator

ER50MZY

- PED approved units
- Daikin single screw compressor
- All components optimised for use with R-407C refrigerant
- Modular design
- Standard operating range down to -15°C ambient
- High quality, anti-corrosion treated components as standard
- Advanced PCO² digital controller
- Liquid stop valve
- Discharge stop valve
- Standard suction stop valve
- Hi-ESP fans available as option

Low noise operation

COOLING ONLY

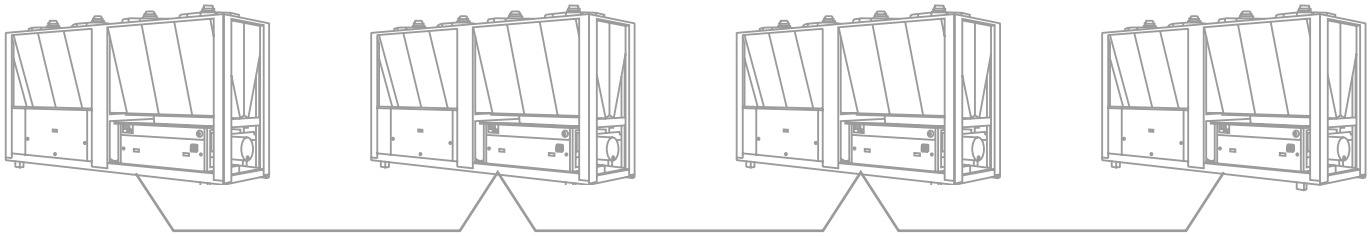
			ER40MZY	ER50MZY	ER60MZY
Cooling capacity		kW	114	150	171
Nominal input		kW	42.1	52.4	65.2
EER			2.71	2.86	2.62
Dimensions (HxWxD)		mm	2,250x2,346x2,238		
Machine weight		kg	1,326	1,440	1,516
Sound power level (standard/low noise option)		dBA	91/88	96/91	96/90
Operation range	suction dew point	°CDB	-15°C ~ 11°C		
	air side	°CDB	-15°C ~ 43°C		
Refrigerant type			R-407C		
Power supply		Y1	400V/3~/50Hz		

D.I.C.N.

Daikin Integrated Chiller Network

Applicable models:

- EUWA40-120KBXY (R-134a) (see also p.150)
- EUWA40-200MZY (R-407C) (see also p. 149)
- EUW40-200MAXY (R-134a) (see also p. 155)



Daikin chillers with PCO or PCO^2 digital control can be equipped with DICN which allows the simultaneous operation of up to 4 chillers as if they were a single unit, in order to deliver the required cooling capacity. This results in precise and efficient capacity control and is also useful for back up purposes, ensuring that the necessary amount of cooling is available and guaranteeing reliable operation of the chiller plant.
This function enables a Daikin 2MW chiller plant to be operated via a single controller.

EHMC

Hydraulic module

EHMC10-15-30 AV1010

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

HYDRAULIC MODULE

			EHMC10AV		EHMC15AV		EHMC30AV	
			1010	1080	1010	1080	1010	1080
Nominal flow		l/min	62		88		187	
Nominal static height		mH2O	17	34	15	27	10	27
Nominal input		W	630	1,050	650	1,070	1,070	2,090
Dimensions (HxWxD)		mm	1,284x635x688		1,284x635x688		1,284x635x688	
Machine weight		kg	99	101	102	104	105	111
Sound power level		dBA	63		63		63	
Power supply		V1	230V/1~/50Hz					
Operation range	water side	°CDB	-10°C ~ 55°C					
	air side	°CDB	-10°C ~ 43°C					

EUW(L)-KZW

water-cooled/remote condenser

EUW5-12KZW

HYDROCUBE

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

Low noise operation

COOLING ONLY/ HEATING ONLY

			EUW5KZW	EUW8KZW	EUW10KZW	EUW12KZW	EUW16KZW	EUW20KZW	EUW24KZW
Nominal capacity	cooling	kW	13.0	21.5	28.0	32.5	43.0	56.0	65.0
	heating	kW	15.4	25.2	34.2	39.0	50.1	67.2	77.4
Nominal input	cooling	kW	3.71	5.96	7.76	9.10	12.10	16.0	18.30
	heating	kW	4.5	7.1	9.4	11.1	14.6	19.3	22.1
EER			3.50	3.61	3.61	3.57	3.55	3.5	3.55
COP			3.42	3.55	3.64	3.51	3.43	3.48	3.50
Dimensions (HxWxD)		mm	600x600x600				600x600x1,200		
Machine weight		kg	113	150	160	167	300	320	334
Sound power level		dBA	64	64	64	71	67	67	74
Operation range - evaporator		°C	5°C (-10°C as option) ~ 20°C						
Operation range - condenser		°C	20°C ~ 55°C						
Refrigerant type			R-407C						
Power supply		W1	400V/3N~/50Hz						

OPTIMISED DESIGN R-407C

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

		EUWL5KZW	EUWL8KZW	EUWL10KZW	EUWL12KZW	EUWL16KZW	EUWL20KZW	EUWL24KZW
Cooling capacity	kW	12.1	20.0	26.8	31.2	40.0	53.7	62.4
Nominal input	kW	4.2	6.7	8.7	10.2	13.5	18.0	20.5
EER		2.88	2.98	3.08	3.06	2.96	2.98	3.04
Dimensions (HxWxD)	mm	600x600x600				600x600x1,200		
Machine weight	kg	104	138	144	149	252	265	274
Sound power level	dBA	64	64	64	71	67	67	74
Operation range - water side	°CDB	5°C (-10°C as option) ~ 20°C						
Operation range - condensing temperature	°C	25°C ~ 60°C						
Refrigerant type		R-407C						
Power supply	W1	400V/3N~/50Hz						

OPTIMISED DESIGN R-407C

EUW-MAXY
EUWL-MXY

water-cooled/remote condenser

EUW120-200MAXY

- All models are PED pressure vessel approved
- Daikin single screw compressor
- All components optimised for use with R-134a refrigerant
- Advanced PCO² digital controller
- Modular format
- Moisture indicator as standard
- Victaulic joints as standard
- Chilled water temperatures down to -10°C on standard unit
  (Parameter in the service menu of the PCO² digital controller must be set by the installer)
- DICN standard available
  (air cooled and water cooled cannot be mixed)
- Multiple capacity steps
- Double refrigeration circuit (from 120HP on)

Low noise operation

COOLING ONLY/ HEATING ONLY

			EUW(L)40M(A)XY	EUW(L)60M(A)XY	EUW(L)80M(A)XY	EUW(L)100M(A)XY	EUW(L)120M(A)XY	EUW(L)140M(A)XY	EUW(L)160M(A)XY	EUW(L)180M(A)XY	EUW(L)200M(A)XY
Nominal capacity	cooling (EUW)	kW	123	183	249	273	366	432	498	522	546
	cooling (EUWL)	kW	116	170	235	265	340	405	470	500	530
	heating (EUW)	kW	148	217	292	329	434	509	583	621	659
Power input	cooling (EUW)	kW	29.6	47	64	71.6	94	111	128	136	143
	cooling (EUWL)	kW	32.4	50.4	67.4	78.7	101	118	135	146	157
	heating (EUW)	kW	35.2	55.3	74.5	85.3	111	130	149	160	171
EER (EUW/EUWL)			4.16 / 3.58	3.89 / 3.37	3.89 / 3.49	3.81 / 3.37	3.89 / 3.37	3.95 / 3.43	3.95 / 3.48	3.93 / 3.42	3.94 / 3.38
COP (EUW)			4.20	3.92	3.92	3.86	3.91	4.04	4.07	4.08	4.05
Dimensions (HxWxD)		mm	1,014x2,672x898				2,000x2,672x898				
Machine weight (EUW)		kg	993	1,263	1,515	1,613	2,526	2,778	3,030	3,128	3,326
Machine weight (EUWL)		kg	884	1,100	1,332	1,418	2,200	2,432	2,664	2,750	2,836
Sound power level (standard/low noise option)		dBA	91/85	95/89	96/90	96/90	98/92	99/93	99/93	99/93	99/93
Operation range - evaporator		°C	-10°C ~ 20°C								
Operation range - condenser / condensing temperature		°C	20°C ~ 50°C (EUW) / 25°C ~ 55°C (EUWL)								
Refrigerant type			R-134a								
Power supply		Y1	400V/3~/50Hz								

FWV / FWL
FWM / FWD

Fan coil units

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

FWV02C**

FWL03C**

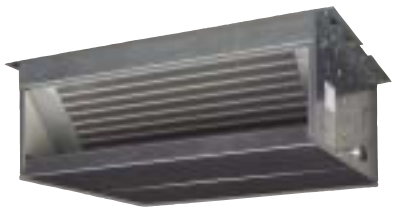
FWL03C**

FWM01C**

FWM01C**

FWD04A*

FWD04A*



FWV/FWL/FWM01-10C**

					01	02	03	04	06	08	10
2-pipe (**=TN or TV)	**COOLING**	Total capacity (H)	kW		1.54	2.09	2.93	4.33	4.77	6.71	8.71
		Sensible capacity (H)	kW		1.20	1.51	2.11	3.15	3.65	4.91	6.38
		Water flow	l/h		265	359	504	745	820	1,154	1,498
		Pressure drop	kPa		13	13	11	12	14	12	19
	HEATING	Heating capacity (H)	kW		2.14	2.79	3.81	5.63	6.36	7.83	11.1
		Water flow	l/h		265	359	504	745	820	1,154	1,498
		Pressure drop	kPa		9	10	9	9	10	9	13
	Power input	H	W		36	46	62	87	89	182	244
	Coil water volume		l		0.5	0.7	1	1.4	1.4	2.1	2.1
	Air flow	H/M/L	m^3/h		319/233/178	344/271/211	442/341/241	706/497/361	785/605/470	1,011/771/570	1,393/1,022/642
	Sound power level	H/M/L	dBA		47/39/34	52/44/36	50/44/38	55/48/40	59/52/44	59/52/44	66/58/48
	Weight	FWV	kg		19	20	25	30	31	41	41
		FWM	kg		14	15	19	23	23	32	32
		FWL	kg		20	21	27	32	33	44	44
4-pipe (**=FN)	**COOLING**	Total capacity (H)	kW		1.5	1.79	2.87	4.26	4.67	6.64	8.55
		Sensible capacity (H)	kW		1.17	1.46	2.07	3.09	3.57	4.85	6.26
		Water flow	l/h		258	308	494	733	803	1,142	1,471
		Pressure drop	kPa		13	13	11	12	14	12	19
		Cooling coil water volume	l		0.5	0.7	1	1.4	1.4	2.1	2.1
	HEATING	Heating capacity (H)	kW		2.23	2.07	2.91	4.51	4.67	7.91	9.30
		Water flow	l/h		196	182	286	396	465	694	816
		Pressure drop	kPa		7	8	5	10	10	8	9
		Heating coil water volume	l		0.2	0.2	0.3	0.4	0.4	0.6	0.6
	Power input	H	W		36	59	62	87	89	182	244
	Air flow	H/M/L	m^3/h		307/225/174	327/261/205	431/332/238	690/490/356	763/593/460	998/765/565	1,362/1,007/636
	Sound power level	H/M/L	dBA		47/39/34	54/48/42	50/45/38	55/48/40	59/53/46	59/52/44	66/58/48
	Weight	FWV	kg		20	21	26	32	33	44	44
		FWM	kg		15	16	20	25	25	34	34
		FWL	kg		21	22	28	34	35	46	46
2- pipe / 4-pipe	Water connections		inch		1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"
	Max. absorbed current		W		0.16	0.21	0.27	0.39	0.38	0.80	1.12
	Dimensions	FWV/FWL	mm		564x774x226		564x984x226	564x1,194x226		564x1,404x251	
		FWM	mm		535x584x224		535x794x224	535x1,004x224		535x1,214x249	
	Power supply		V/~/Hz		230/1/50						

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

FWD04-18A*

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

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

POWER *Supply*

T1 = 3~, 220V, 50HZ
V1 = 1~, 230V, 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
		condenser: 40°C/45°C	ambient: 7°CDB/6°CWB
Water-cooled	cooling only	evaporator: 12°C/7°C	
		condenser: 30°C/35°C	
	heating only	evaporator: 12°C/7°C	
		condenser: 40°C/45°C	
Remote condenser		evaporator: 12°C/7°C	
		condensing temperature: 45°C / liquid temperature: 40°C	
Remote evaporator	cooling capacity/power input conditions	suction dew point: 5°C	ambient: 35°C
		superheat: 10°C	
Fan coil units	cooling	room temperature: 27°C/19°C	
		entering water temperature: 7°C/12°C	
	heating	room temperature: 20°C	
		water inlet temperature: 50°C (2-pipe)/70°C (4-pipe)	

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions: please refer to the technical databooks).
The sound power level is an absolute value indicating the "power" which a sound source generates.
For more detailed information please consult our technical databooks.

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

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

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

Self-diagnosis
Simplifies maintenance by indicating system faults or operating anomalies.

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

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

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

Energy efficiency
Daikin air conditioners are energy efficient and economical.

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

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

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

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

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.

Drain pump kit
Facilitates condensation draining from the indoor 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.

Multi model application
Up to 4 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

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.

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.

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.

Comfortable sleeping mode
Increased comfort function that follows a specific temperature fluctuation rhythm.

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

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

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

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.

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.

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.

Notes

In all of us, a green heart

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 environmental friendly products. This challenge demands the eco design and development of a wide range of products and an energy management system; which involves energy conservation and 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.

Specifications are subject to change without prior notice.

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

Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products. Multi units are Eurovent certified for combinations up to 2 indoor units.
VRV products and FWD-units are not within the scope of the Eurovent Certification Programme.

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