



PCVAU1327

# VRV IV

Cooling Only / Heat Pump  
50 Hz

**R-410A**

# Next Generation **VRV IV** System



**VRV IV**

First launched in Japan in 1982, the Daikin **VRV** system has been embraced by world markets for over 30 years. Now, Daikin proudly introduces the next generation **VRV IV** system. It now offers improved energy savings, comfort, and ease of installation to meet an ever wider variety of needs.

COP 4.41 achieved

Expanded to 60 class

Lineup strengthened : 3 types available

Enhanced comfort with built in sensor

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# Excellent Operational Performance in compact design

VRV IV

## Strengthened Lineup 3 types available

### High-COP Type



Energy Saving

Enables further energy savings  
12 class (32 kW)-50 class (140 kW) with 4 new models

VRV III VRV IV

COP during cooling operation	3.94	→	4.36	11% Increase
Installation Space	1.66 m <sup>2</sup>	→	2.13 m <sup>2</sup>	
Product Weight	490 kg	→	555 kg	

20 class (54.4 kW)

### Standard Type



Up to 60 class (168 kW)

Offers higher capacity up to 60 class (168 kW)  
6 class (16 kW)-60 class (168 kW) with 3 new models

VRV III VRV IV

COP during cooling operation	3.94	→	3.93	14% Decrease
Installation Space	1.66 m <sup>2</sup>	→	1.42 m <sup>2</sup>	22% Decrease
Product Weight	490 kg	→	380 kg	

20 class (55.9 kW)

### Space Saving Type



Compact Design



































































New type with compact & lightweight design  
18 class (50 kW)-50 class (140 kW) with 17 new models

VRV III VRV IV

COP during cooling operation	3.94	→	3.11	43% Decrease
Installation Space	1.66 m <sup>2</sup>	→	0.95 m <sup>2</sup>	35% Decrease
Product Weight	490 kg	→	320 kg	

20 class (56 kW)

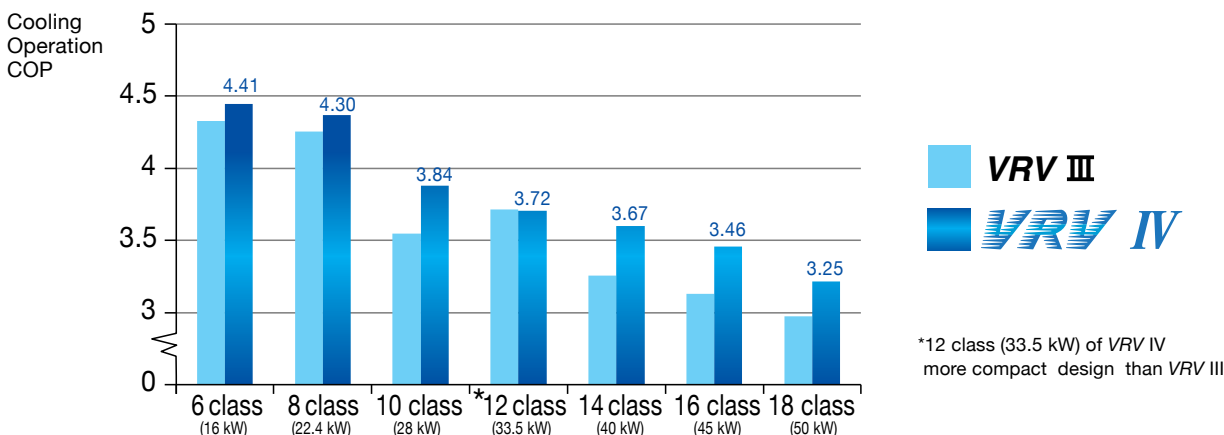
## Lineup

		<div>Mo/C  New Lineup </div>																													
Class	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60			
High-COP Type																															
Standard Type																															
Space Saving Type																															

Mo/C New Lineup

## Energy Saving

### Improve Coefficient of Performance (COP)



## Quiet Operation

### Lower operation noise

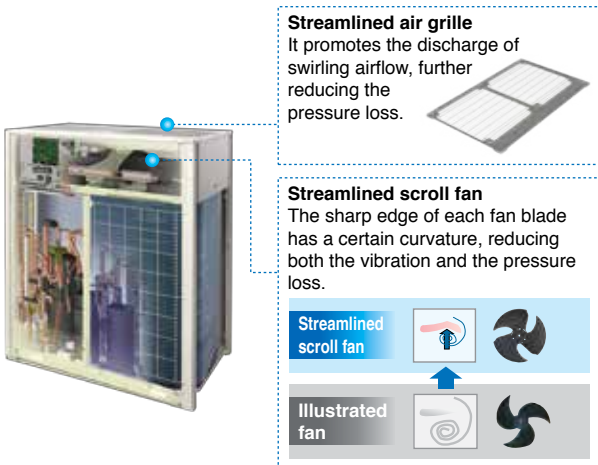
Improved heat exchanger efficiency, helps to reduce operational noise.

	Class	6	8	10	12
VRV III	Sound level(dB(A))	57	57	58	60
VRV IV	Sound level(dB(A))	55	56	57	59

1-2 dB(A) reduction than conventional model

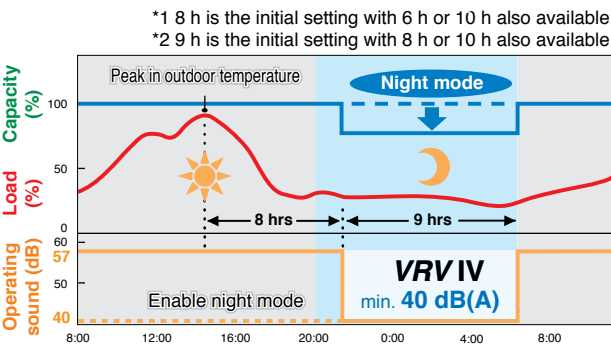
### Large airflow, high static pressure and quiet operation

Without increasing operation sound, advanced analytical technologies are utilized to optimise fan design and increase airflow rate and high external static pressure of 78.4Pa.



### Night-time quiet operation function

Outdoor PCB automatically memorises the time when the peak outdoor temperature appears. It will enable quiet operation mode after 8 h<sup>1</sup>, and return to normal mode after maintaining quiet operations for 9 h<sup>2</sup>.



Notes: · This function is available in setting at site.  
· The operating sound in quiet operation mode is the actual value measured by our company.  
· The relationship of outdoor temperature (load) and time shown above is just an example.

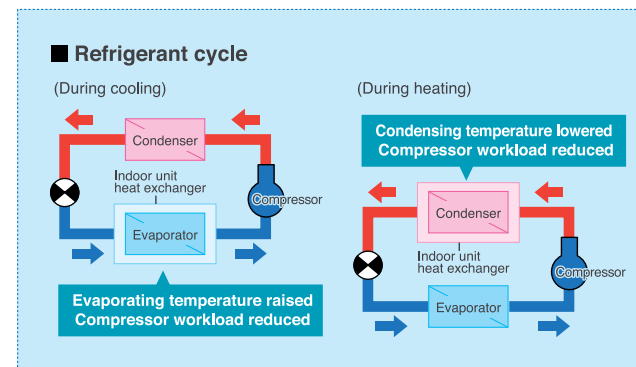
## State-of-the-art energy saving technology for VRV

### Customise your VRV for optimal annual efficiency

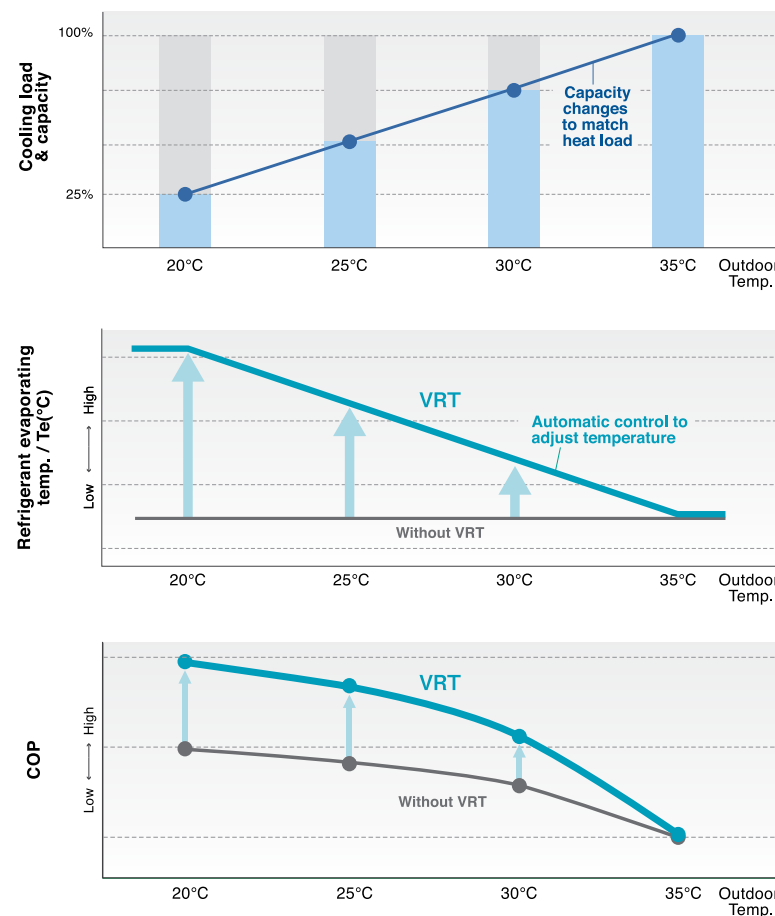
The new **VRV IV** system now features VRT technology. VRT automatically adjusts refrigerant temperature to individual building and climate requirement, thus further improving annual energy efficiency and maintaining comfort. With this excellent technology, running costs are reduced.

### How is energy reduced?

During cooling, the refrigerant evaporating temperature ( $T_e$ ) is raised to minimise the difference with the condensing temperature. During heating, condensing temperature ( $T_c$ ) is lowered to minimise the difference to the evaporating temperature. Compressors work less, and this reduces power consumption.



### ■ Typical changes in evaporating temperature and COP depending on changing indoor load



Required capacity changes as air conditioning load changes according to outdoor temperature.

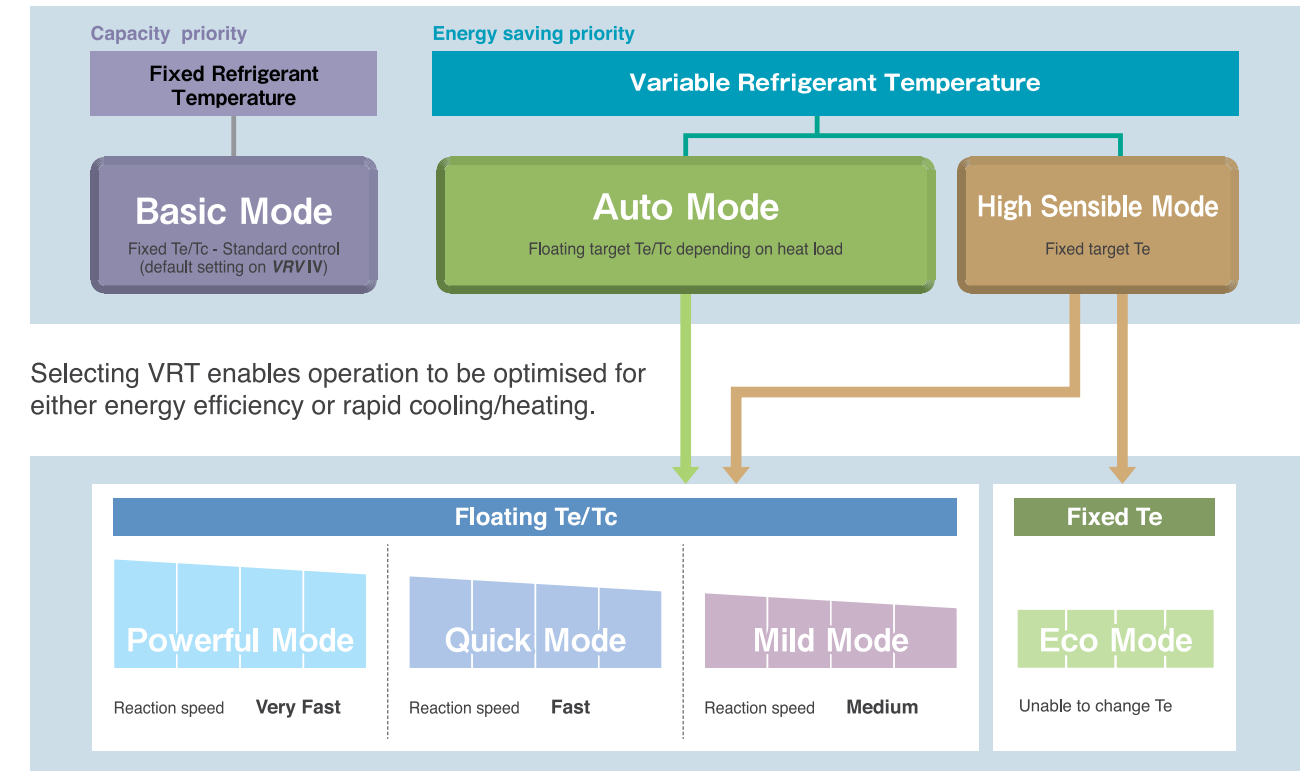
In case of fixed evaporating temperature, excessive cooling, thermo on-off loss, and other inefficiencies occur.

Automatic control adjusts evaporating temperature to heat load change.

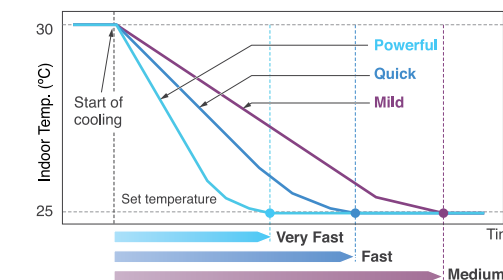
Energy efficiency is improved without sacrificing comfort.

### Fine control to match user preference available through mode selection

Basic mode is selected to maintain optimal comfort. VRT is selected to save energy and prevent excessive cooling or heating.



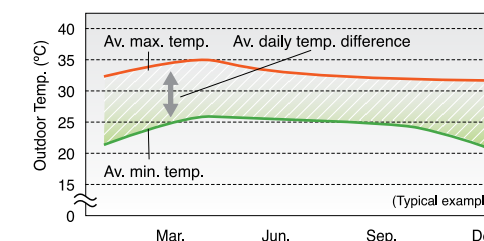
VRT offers quicker cool down to shorten uncomfortable pull down time.



<b>Powerful mode</b>	<ul style="list-style-type: none"> <li>Can boost capacity above 100% if needed. The refrigerant temperature can go lower in cooling (higher in heating) than the set minimum (maximum in heating).</li> <li>Gives priority to very fast reaction speed. The refrigerant temperature goes down (or up in heating) fast to keep the room setpoint stable.</li> </ul>
<b>Quick mode</b>	<ul style="list-style-type: none"> <li>Gives priority to fast reaction speed. The refrigerant temperature goes down (or up in heating) fast to keep the room setpoint stable.</li> </ul>
<b>Mild mode</b>	<ul style="list-style-type: none"> <li>Gives priority to efficiency. The refrigerant temperature goes down (or up in heating) gradually giving priority to the efficiency of the system instead of the reaction speed.</li> </ul>

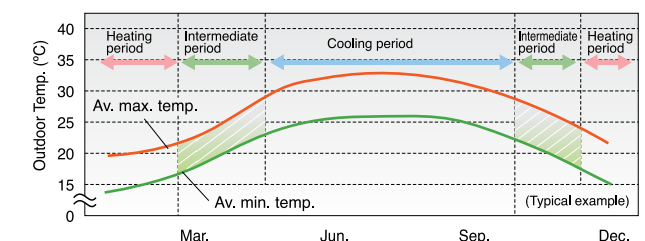
### Recommended for use in these situations

■ Cooling only regions having differences in daily temperature.



VRT is particularly effective at night when temperatures are low.

■ Cooling/heating regions having periods of mild outdoor temperatures.



VRT is particularly effective during the intermediate periods.



## Installation flexibility

### Long piping length

The long piping length provides more design flexibility, which can match even large-sized buildings.

When only VRV indoor units are connected

■ Max. actual piping length **165 m**

■ Max. equivalent piping length **190 m**

■ Max. total piping length **1000 m**

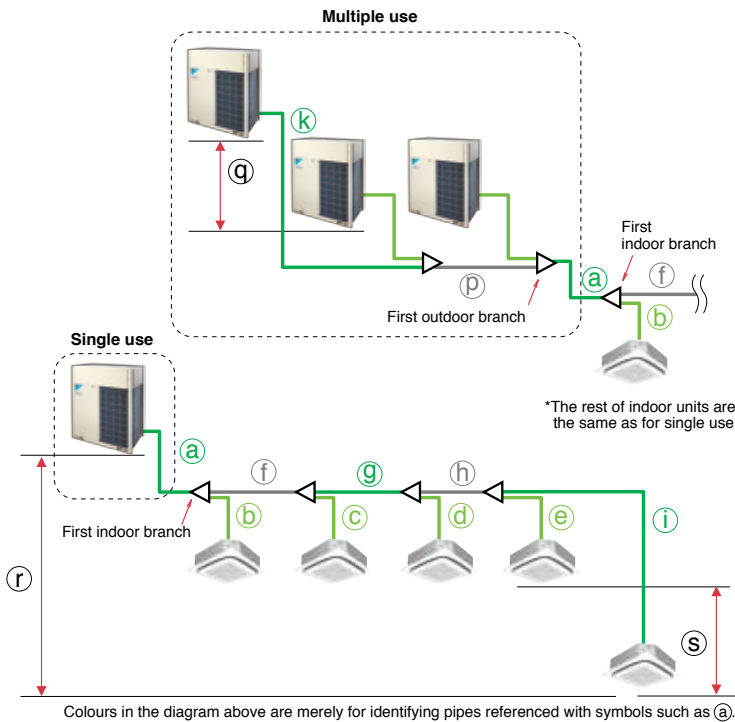
■ Max. level difference between the outdoor units and the indoor units **90 m<sup>\*2</sup>**

Outdoor unit above indoor unit:

**90 m<sup>\*2</sup>**

Outdoor unit below indoor unit:

**90 m**



	Refrigerant piping length	Actual piping length	Example	Equivalent piping length
Maximum allowable piping length	Total piping length	165 m	a+f+g+h+i	190 m
	Between the first indoor branch and the farthest indoor unit	1000 m	a+b+c+d+e+f+g+h+i	—
	Between the first indoor branch and the farthest VRV indoor unit	90 m <sup>*1</sup>	f+g+h+i	—
	Between the outdoor branch and the last outdoor unit	10 m	k+p	13 m

			Level Difference	Example
Maximum allowable level difference	Between the outdoor units (Multiple use)		5 m	q
	Between the indoor units		30 m	s
	Between the outdoor units and the indoor units	If the outdoor unit is above.	90 m *2	r
		If the outdoor unit is below.	90 m	r

\*1. No special requirements up to 40 m. The maximum actual piping length can be 90 m, depending on conditions. Various conditions and requirements have to be met to allow utilisation of 90 m piping length. Be sure to refer to the Engineering Data Book for details of these conditions and requirements.

\*2. Level differences above 50 m are available, but a dedicated setting on the outdoor unit is required (If the outdoor unit is above the indoor unit). Refer to the Engineering Data Book and contact your local dealer for more information.

### Connection ratio

Connection capacity at maximum is 200%.

Connection ratio  
**50%–200%**

Connection ratio =  
$$\frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

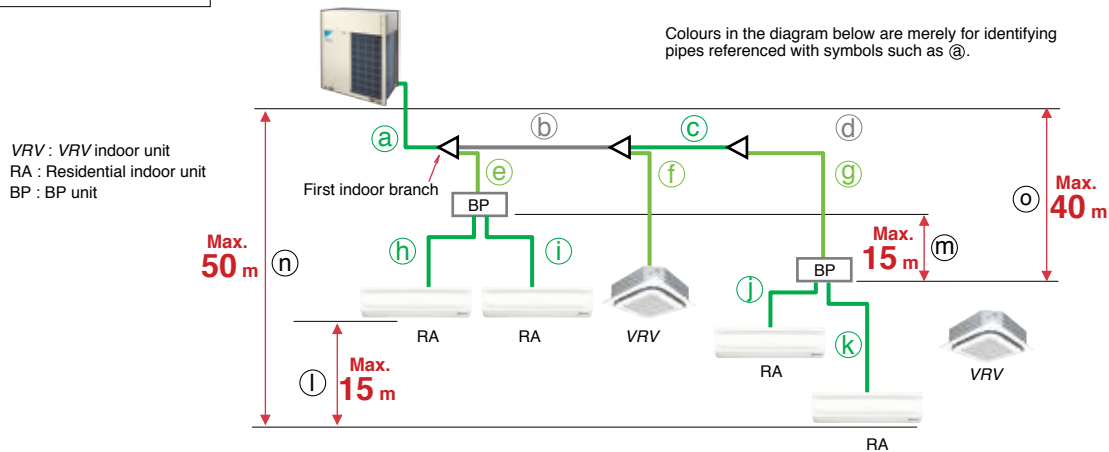
#### Conditions of indoor unit connection capacity

Applicable indoor units	FXDQ, FXSYQ, FXMQ-P, FXAQ models	Other indoor unit models*
Single outdoor units		200%
Double outdoor units		160%
Triple outdoor units		130%

\* For the FXFQ25P and FXFQ-S models, maximum connection ratio is 130% for the entire range of outdoor units.

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

When a mixed combination of VRV and residential indoor units is connected



When a mixed combination of VRV and residential indoor units is connected or when only residential indoor units are connected

			Actual piping length	Example
Maximum allowable piping length	Refrigerant piping length		100 m	a+b+c+g+k, a+b+c+d
	Total piping length		250 m	a+b+c+d+e+f+g+h+i+j+k
	Between BP unit and indoor unit	If indoor unit capacity index < 60.	2 m–15 m	h, i, j, k
		If indoor unit capacity index is 60.	2 m–12 m	
		If indoor unit capacity index is 71.	2 m–8 m	
	Between the first indoor branch and the farthest BP unit or between the first indoor branch and the farthest VRV indoor unit		50 m <sup>1</sup>	b+c+g, b+c+d
Minimum allowable piping length	Between outdoor unit and the first indoor branch		5 m	a

			Level Difference	Example
Maximum allowable level difference	Between the indoor units		15 m	l
	Between BP units		15 m	m
	Between the outdoor unit and the indoor unit	If the outdoor unit is above.	50 m	n
		If the outdoor unit is below.	40 m	n
	Between the outdoor unit and the BP unit		40 m	o

\*1. When the piping length exceeds 20 m, the size of the main pipes (the gas side and the liquid side) must be increased. Please refer to Engineering Data Book for details.

### Outdoor unit combinations

Model name <sup>*1</sup>	kW	Class	Capacity index	Total capacity index of connectable indoor units <sup>*2</sup>			Maximum number of connectable indoor units
				Combination (%) <sup>*2</sup>			
				50%	100%	130%	
RX(Y)Q6TY1A	16.0	6	150	75	150	195	9
RX(Y)Q8TY1A	22.4	8	200	100	200	260	13
RX(Y)Q10TY1A	28.0	10	250	125	250	325	16
RX(Y)Q12TY1A	33.5	12	300	150	300	390	19
RX(Y)Q14TY1A	40.0	14	350	175	350	455	22
RX(Y)Q16TY1A	45.0	16	400	200	400	520	26
RX(Y)Q18TY1A	50.0	18	450	225	450	585	29
RX(Y)Q20TY1A	56.0	20	500	250	500	650	32

\*1. Only single outdoor unit (RX(Y)Q6-20TY1A) can be connected.

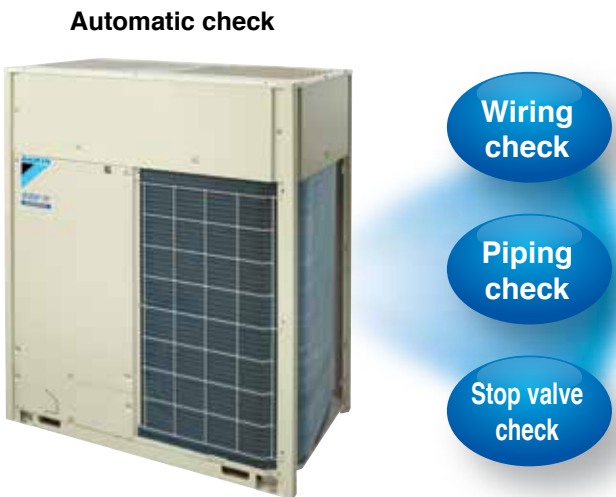
\*2. Total capacity index of connectable indoor units must be 50%–130% of the capacity index of the outdoor unit.

## Multiple advanced features ensures more accurate test operation and stable system

### Efficient automatic test operation

Daikin **VRV IV** system incorporates a simplified and efficient test operation function, not only greatly accelerating the installation process, but effectively improving the field setting quality as well.

- Automatically checks the wiring between outdoor units and indoor units to confirm whether there is incorrect wiring.
- Confirms and corrects the actual piping length.
- Automatically checks whether the stop valve in each outdoor unit is in normal status to ensure the smooth operation of air conditioning system.



## Efficient after-sales service

### Operational information displayed via luminous digital display

**VRV IV** system utilizes seven-segment luminous digital tubes to display system operation information, enabling the operational state to be visually displayed whilst facilitating simplified commissioning and after-sales service.

#### 7-segment luminous digital tubes utilized to display information

Displays system operation information directly



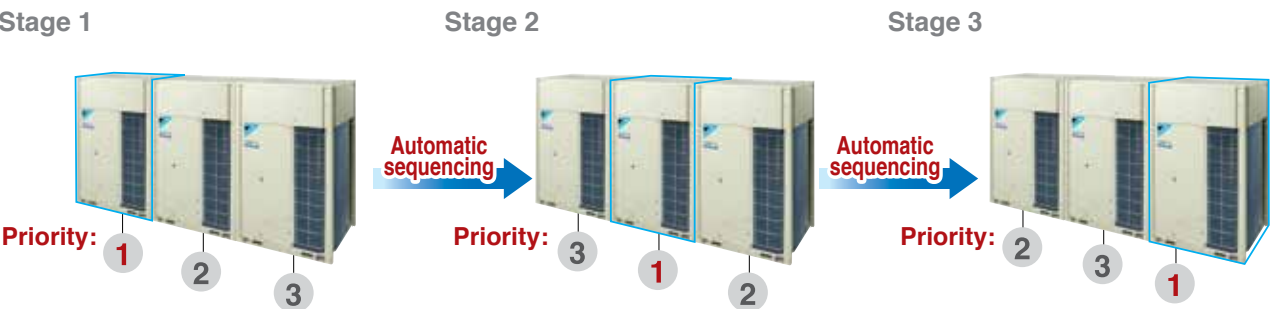
#### Conventional light-emitting diodes utilized to display information

Figures out system operation information by reading light emitting state of different diodes, which is both inefficient and fallible.



## Outdoor unit sequencing technology

During start-up, Daikin **VRV IV** unit sequencing operation will be automatically enabled to ensure balanced operation of each outdoor unit to improve longevity of equipment and stable operation.



## Double backup operation functions responding resiliently to various unexpected situations

### Double backup operation functions

Daikin **VRV IV** system boasts double backup operation functions, which can secure the use of air conditioners in this area to the greatest extent by enabling double backup operation functions even if failure occurs in a set of air conditioning equipment. In the event of a failure, emergency operation can be conveniently enabled to allow the remaining system to operate in a limited fashion.

#### Unit backup operation function

**If malfunction occurs in an outdoor unit...**  
Emergency operation can be conveniently set and enabled by the remote controller for indoor unit (for systems composed of two or more outdoor units).



#### Compressor backup operation function

**If malfunction occurs in a compressor...**  
Emergency operation can be easily set and enabled by the outdoor unit (for a single outdoor unit system RX(Y)Q14-20TY1A models).





## Large capacity inverter compressor in compact casing

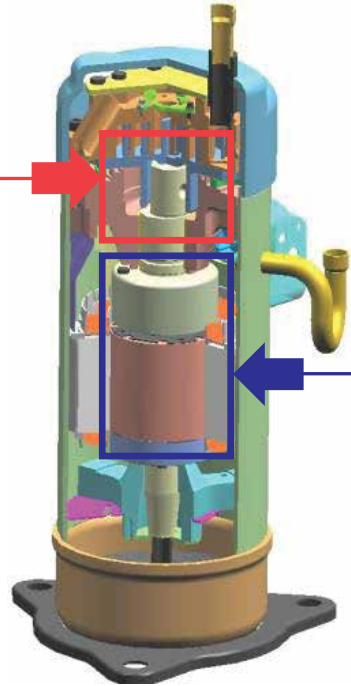
Large capacity inverter compressor using high tension strength material, resulting in 12 class (33.5 kW) compressor utilizing an 8 class (22.4 kW) casing.

### Development of high strength material

Gives 2.4 times tensile strength compare to conventional material  
**New Material: 600MPa**  
**Conventional Material : 250MPa**  
Increase compression chamber volume by using thin spiral design.

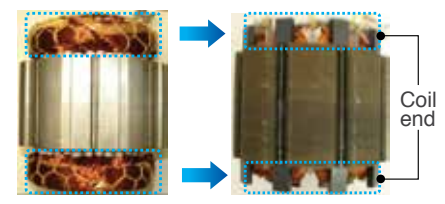


As a result of reducing the wall thickness of the scroll, the compression volume is increased by 50%



### Compact high efficiency concentrated winding motor

Distributed winding motor (Current 8 class (22.4 kW) compressor)      Concentrated winding motor (New 12 class (33.5 kW) compressor)



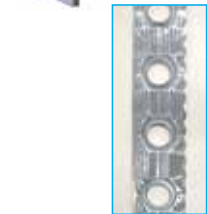
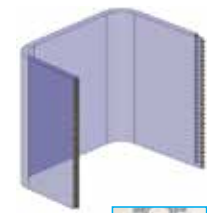
Smaller coil end using concentrated winding, reduce copper loss (winding resistance).

Improve motor efficiency in low rpm range (improve intermediate efficiency).

## Highly integrated heat exchanger

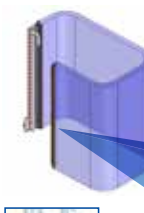
Improve performance by increasing heat exchanger area while maintaining the same installation space

### VRV III



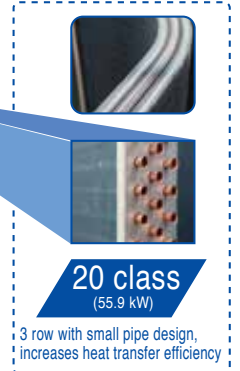
Fine Louver Fin

### VRV IV



Waffle Fin

Realise highly integrated heat exchanger performance (increase row, reduce fin pitch) by reducing of airflow resistance which changes cooling tube to Ø7mm.



20 class (55.9 kW)  
3 row with small pipe design, increases heat transfer efficiency

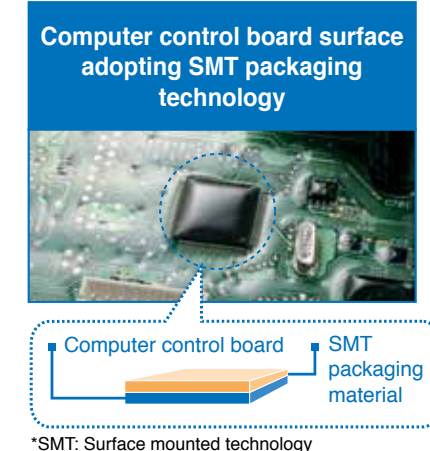


	Heat exchanger area	Contribution of COP (cooling)
10 class (28 kW)	13%UP	105.5%
16 class (45 kW)	24%UP	111.5%

## Various advanced control main PC board

### SMT\* packaging technology

- SMT packaging technology adopted by the whole computer control panel improves the anti-clutter performance.
- Protects your computer boards from the adverse effect of sandy and humid weather.

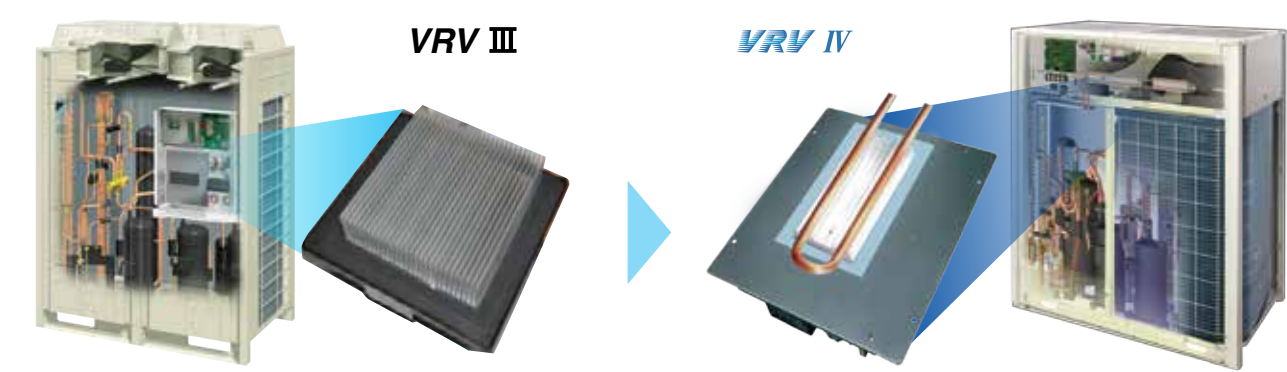
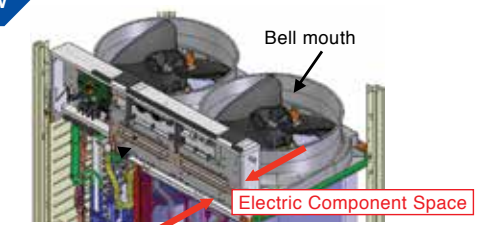


\*SMT: Surface mounted technology

### Refrigerant cooling technology, ensures stability of PCB temperature

#### Improved internal design to increase smooth airflow

Downsize electric component, re-locate to dead space of bell mouth side to decrease airflow resistance.



Roof terrace temperature in summer is over 40 °C, seriously affecting inverter cooling efficiency, resulting in decline of inverter operating speed. Finally device parts response speed is reduced.

Control board failure ratio at stable operation is reduced.

### Improve reliability at high ambient temperature

It is possible to cool the inverter power module stability even at high ambient temperature. This helps to keep air-conditioning capacity and also reduces failure ratio.

## Outdoor Units

Cooling Only / Heat Pump

### Outdoor unit capacity now increased to 60 class (168 kW).

- VRV IV outdoor unit offers a higher capacity of up to 60 class (168 kW), responding to the needs of large commercial buildings.
- The single outdoor unit has only 2 different shapes and dimensions, not only simplifying the design process, but also bringing the system design flexibility to a new level.

#### High-COP Type

##### •Double Outdoor Units

12, 14, 16 class



RX(Y)Q12THY1A  
RX(Y)Q14THY1A  
RX(Y)Q16THY1A

##### •Triple Outdoor Units

18, 20, 22, 24, 26, 28, 30, 32 class



RX(Y)Q18THY1A RX(Y)Q26THY1A  
RX(Y)Q20THY1A RX(Y)Q28THY1A  
RX(Y)Q22THY1A RX(Y)Q30THY1A  
RX(Y)Q24THY1A RX(Y)Q32THY1A

34, 38 class



RX(Y)Q34THY1A  
RX(Y)Q38THY1A

36, 40 class



RX(Y)Q36THY1A  
RX(Y)Q40THY1A

42, 44, 46, 48, 50 class



RX(Y)Q42THY1A  
RX(Y)Q44THY1A  
RX(Y)Q46THY1A  
RX(Y)Q48THY1A  
RX(Y)Q50THY1A

#### Standard Type

##### •Single Outdoor Units

6, 8, 10, 12 class 14, 16 class



RX(Y)Q6TY1A  
RX(Y)Q8TY1A  
RX(Y)Q10TY1A  
RX(Y)Q12TY1A



RX(Y)Q14TY1A  
RX(Y)Q16TY1A

##### •Double Outdoor Units

18, 20 class



RX(Y)Q18TNY1A  
RX(Y)Q20TNY1A

22, 24, 26 class



RX(Y)Q22TNY1A  
RX(Y)Q24TNY1A  
RX(Y)Q26TNY1A

28, 30, 32 class



RX(Y)Q28TNY1A  
RX(Y)Q30TNY1A  
RX(Y)Q32TNY1A

##### •Triple Outdoor Units

34, 36 class



RX(Y)Q34TNY1A  
RX(Y)Q36TNY1A

38, 40 class



RX(Y)Q38TNY1A  
RX(Y)Q40TNY1A

42, 44 class



RX(Y)Q42TNY1A  
RX(Y)Q44TNY1A

46, 48, 50, 52, 54, 56, 58, 60 class



RX(Y)Q46TNY1A RX(Y)Q54TNY1A  
RX(Y)Q48TNY1A RX(Y)Q56TNY1A  
RX(Y)Q50TNY1A RX(Y)Q58TNY1A  
RX(Y)Q52TNY1A RX(Y)Q60TNY1A

#### Space Saving Type

##### •Single Outdoor Units

18, 20 class



RX(Y)Q18TSY1A  
RX(Y)Q20TSY1A

##### •Double Outdoor Units

22, 24 class



RX(Y)Q22TSY1A  
RX(Y)Q24TSY1A

26, 28, 30, 32 class



RX(Y)Q26TSY1A  
RX(Y)Q28TSY1A  
RX(Y)Q30TSY1A  
RX(Y)Q32TSY1A

##### •Double Outdoor Units

34, 36, 38, 40 class



RX(Y)Q34TSY1A  
RX(Y)Q36TSY1A  
RX(Y)Q38TSY1A  
RX(Y)Q40TSY1A

##### •Triple Outdoor Units

42, 44 class



RX(Y)Q42TSY1A  
RX(Y)Q44TSY1A

46, 48, 50 class



RX(Y)Q46TSY1A  
RX(Y)Q48TSY1A  
RX(Y)Q50TSY1A



Features of new VRV indoor units

Ceiling Mounted Casette type

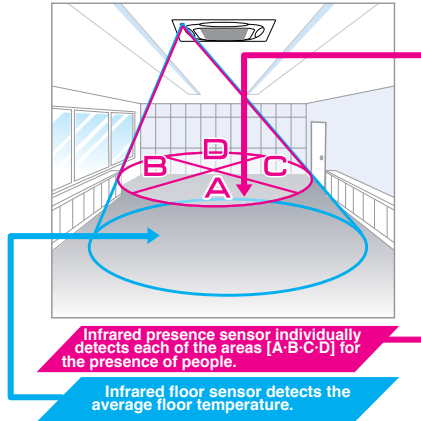
Detects presence or absence of any human. Detection of average floor temperature ensures comfortable space temperature by reducing differences between ceiling and floor temperatures that may exist.

FXFQ-S



Round flow with sensing

Auto Operation for Energy Saving  
"Auto Airflow rate mode + Auto airflow direction mode"

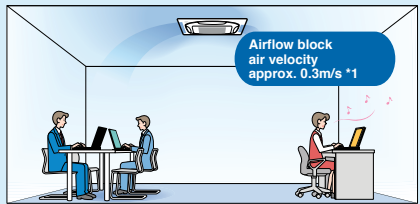


**Infrared Presence Sensor**  
The presence of people is detected in the room to deliver optimum air distribution. When no people are detected during a continuously fixed time, the air conditioner automatically stops or lowers capacity.

**Infrared Floor Sensor**  
The floor temperature is detected and temperature differences between floor and ceiling are reduced.

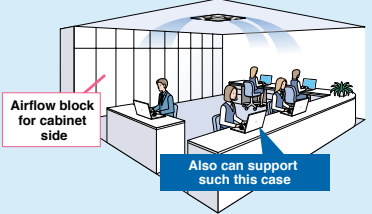
**Individual Flap Control**  
Four flaps individually control airflow direction to prevent direct drafts on people.

Total comfort by individual flap control and newly-equipped "airflow block function"



Airflow block function prevents uncomfortable drafts by reducing air velocity to approx. 0.3m/s. \*1

\*1. In case of 63 type (Data is based on Daikin research.)



Airflow block function enables setting by remote controller with no need for sealing material of air discharge outlet (option).

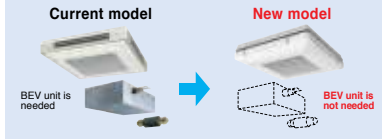
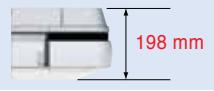
4-Way Flow Ceiling Suspended Type

This slim, stylish indoor unit achieves optimum air distribution, and can be used for various locations such as the ceilings with no cavity and bare ceilings.

FXUQ-A



- Flaps close automatically when the unit stops which gives a simple appearance.
- Unified slim height of 198 mm. for all models which gives a unified impression when models with different capacities are installed in the same area.
- Built-in electronic expansion valve eliminates the need for a BEV unit which improves flexibility of installation.
- 5 directions of airflow can be selected with wired remote controller BRC1E62, which realises optimum air distribution.



Wide range of choices from 2 lineup

A mixed combination of VRV indoor units and residential indoor units is enabled all in one system. Opening the door to stylish and quiet indoor units.

VRV indoor units

17 types 90 models

Type	Model Name	Capacity Range (kW)	20	25	32	40	50	63	71	80	100	125	140	145	180	200	250
		Capacity Index	20	25	31.25	40	50	62.5	71	80	100	125	140	145	180	200	250
Ceiling Mounted Casette (Round Flow with Sensing)	New FXFQ-SVM		New	New	New	New	New			New	New	New					
Ceiling Mounted Casette (Round Flow)	FXFQ-PVE																
Ceiling Mounted Casette (Compact Multi Flow)	FXZQ-MVE																
4-Way Flow Ceiling Suspended	New FXUQ-AVEB								New	New							
Ceiling Mounted Casette (Double Flow)	FXCQ-MVE																
Ceiling Mounted Casette Corner	FXKQ-MAVE																
Slim Ceiling Mounted Duct	FXDQ-PBVE (700 mm width type)																
	FXDQ-NBVE (900/1,100 mm width type)																
Ceiling Mounted Built-in	FXSYQ-MVE																
Ceiling Concealed (Duct)	FXDYQ-M(A)V1																
Ceiling Mounted Duct	FXMQ-PVE																
	FXMQ-MAVE																
Ceiling Suspended	FXHQ-MAVE																
Wall Mounted	FXAQ-PVE																
Floor Standing	FXLQ-MAVE																
Concealed Floor Standing	FXNQ-MAVE																

New Residential indoor units with connection to BP units

11 types 32 models

Type	Model Name	Rated Capacity (kW)	20	25	35	50	60	71
		Capacity Index	20	2.5	3.5	5.0	6.0	7.1
Ceiling Mounted Casette	FCQ-BVE							
Ceiling Mounted Casette (Compact Multi Flow)	FFQ-BV1B							
Ceiling Mounted Built-in	FBQ-BV1							
Ceiling Suspended	FHQ-BVV1B							
Slim Ceiling Mounted Duct	Cooling Only CDKS-EAVMA Heat Pump CDXS-EAVMA	(700 mm width type)						
	Cooling Only CDKS-CVMA Heat Pump FDXS-CVMA	(900/1,100 mm width type)						
Wall Mounted	Cooling Only FTKS-KVMA Heat Pump FTXS-KVMA							
	Cooling Only FTKS-KAVMA Heat Pump FTXS-KAVMA							
Floor Standing	Heat Pump FVXS-KV1A							
Floor/Ceiling Suspended Dual	Heat Pump FLXS-BVMA							
	FLXS-GVMA							

Note: BP units are necessary for residential indoor units. Only single outdoor unit (RX(Y)Q6-20TY1A) can be connected.

Daikin air handling units can be connected to VRV IV system. Please contact your local sales office for details.



Daikin offers a wide range of indoor units including both VRV and residential models which respond to the variety of needs of our customers that require air conditioning solutions.

## VRV Indoor Unit

Ceiling Mounted Cassette  
(Round Flow with Sensing) Type  
FXFQ-SVM

New



Presence of people and floor temperature can be detected to provide comfort and energy savings



Ceiling Mounted Cassette  
(Round Flow) Type  
FXFQ-PVE



360° airflow improves temperature distribution and offers a comfortable living environment.



Ceiling Mounted Cassette  
(Compact Multi Flow) Type  
FXZQ-MVE



Quiet, compact, and designed for user comfort



4-Way Flow Ceiling  
Suspended Type  
FXUQ-AVEB

New



This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.



Ceiling Mounted Cassette  
(Double Flow) Type  
FXCQ-MVE



Thin, lightweight, and easy to install in narrow ceiling spaces



Ceiling Mounted Cassette  
Corner Type  
FXKQ-MAVE



Slim design for flexible installation



Slim Ceiling Mounted Duct Type  
FXDQ-PBVE



FXDQ-NBVE



Slim design, quietness and static pressure switching



Ceiling Mounted Built-in Type  
FXSYQ-MVE



Highly flexible for various application



Ceiling Concealed  
(Duct) Type  
FXDYQ-M(A)V1



High static pressure offers flexible duct design that blends in with any interior décor in stores and offices



Ceiling Mounted Duct Type  
FXMQ-PVE



FXMQ-MAVE



High external static pressure allows flexible installations



Ceiling Suspended Type  
FXHQ-MAVE



Slim body with quiet and wide airflow



Wall Mounted Type  
FXAQ-PVE



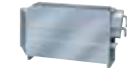
Stylish flat panel design harmonised with your interior décor



Floor Standing Type  
FXLQ-MAVE



Concealed Floor Standing Type  
FXNQ-MAVE



Suitable for perimeter zone air conditioning



## New Residential Indoor Units with connection to BP unit.

Ceiling Mounted  
Cassette Type  
FCQ-BVE



Specially designed for false ceilings —for a smooth, modern interior finish



Ceiling Mounted Cassette  
(Compact Multi Flow) Type  
FFQ-BV1B



Quiet, compact, and designed for user comfort



Ceiling Mounted  
Built-in Type  
FBQ-BV1



Flexible air discharge unit to fit various forms of space



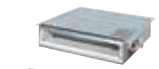
Ceiling Suspended  
Type  
FHQ-BVV1B



Slim body with quiet and wide airflow



Slim Ceiling Mounted Duct Type  
Cooling Only  
CDKS-EAVMA  
CDKS-CVMA



Heat Pump  
CDXS-EAVMA  
FDXS-CVMA



Slim and smooth design suits your shallow ceiling



Wall Mounted Type

Cooling Only  
FTKS-KVMA  
FTKS-KAVMA



Heat Pump  
FTXS-KVMA  
FTXS-KAVMA



Stylish flat panel harmonises with your interior décor



Floor Standing Type  
Heat Pump  
FVXS-KV1A



Dual discharges to evenly distribute air across the whole room



Floor/Ceiling Suspended  
Dual Type

Heat Pump  
FLXS-BVMA  
FLXS-GVMA



Floor/ceiling dual use maximises free space





## VRV Indoor Units

### Ceiling Mounted Cassette (Round Flow with Sensing) Type

**New**

FXFQ25S/FXFQ32S/FXFQ40S  
FXFQ50S/FXFQ63S/FXFQ80S  
FXFQ100S/FXFQ125S

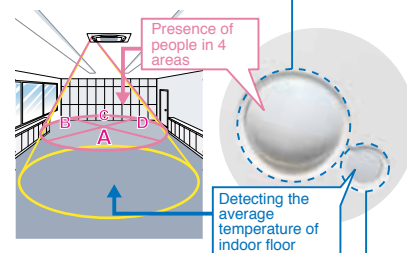


### Presence of people and floor temperature can be detected to provide comfort and energy savings

- Dual sensors detect the presence of people and floor temperature to provide comfortable air-conditioning and energy savings.

#### Infrared presence sensor

- The sensor detects the human location and adjusts the airflow automatically direction to prevent direct drafts.

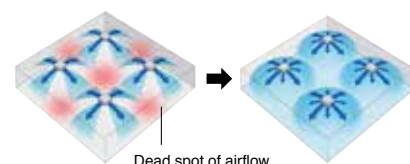


#### Infrared floor sensor

- The sensor detects the floor temperature and automatically adjusts the operation condition of indoor unit to reduce temperature difference between the ceiling and floor.
- With adoption of the individual airflow direction control, airflow direction adjustment can be individually set for each air discharge outlet to prevent direct drafts on people and deliver optimum air distribution.



- Indoor unit offers 360° airflow discharges air in all directions with more uniform temperature distribution.



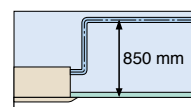
- Energy efficiency has been improved thanks to the adoption of a new heat exchanger with smaller tubes, DC fan motor and DC drain pump motor.

- Low operation sound level

FXFQ-S	25/32	40	50	63	80	100	125
Sound level (H/M/L)	30/28.5/27	31/29/27	36/32/28	38/33/28	38/35/31	44/38/32	45/40/35

- Control of airflow rate can be selected from 3-step control, which provides comfortable airflow. Auto airflow rate control can be selected with wired remote controller BRC1E62.

- Drain pump is equipped as standard accessory with 850 mm lift.



- New Airflow Block function prevents uncomfortable drafts by reducing air velocity and enables setting with wired remote controller BRC1E62 with no need for sealing material of air discharge outlet (option).

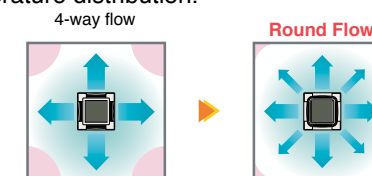
### Ceiling Mounted Cassette (Round Flow) Type

FXFQ25P/FXFQ32P/FXFQ40P  
FXFQ50P/FXFQ63P/FXFQ80P  
FXFQ100P/FXFQ125P



### 360° airflow improves temperature distribution and offers a comfortable living environment.

- The industry's first\* Round Flow Ceiling Mounted Cassette type offers 360° airflow with improved temperature distribution.



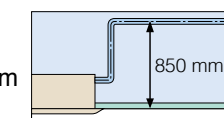
There are areas of uneven temperature.

There are much fewer areas of uneven temperature.

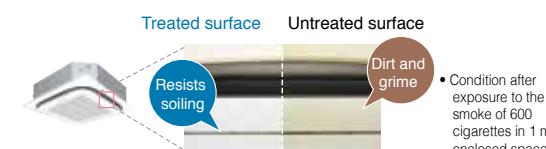
\* As of April 2004, the release date for Japan.

- The light weight unit at 19.5 kg for FXFQ25-50P models makes installation easy.

- Drain pump is equipped as a standard accessory with a 850 mm lift.



- A modern sophisticated decoration panel has been applied, with a panel surface that has been treated with a dirt-repellant coating.

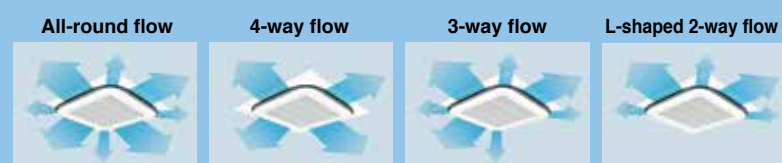


- Control of the airflow rate can be selected from 3-step control.

- Low operation sound level

FXFQ-P	25/32	40	50	63	80	100	125
Sound level (HH/H/L)	30/28.5/27	31/29/27	32/29.5/27	34/31/28	36/33.5/31	43/37.5/32	44/39/34

- Example of airflow patterns:  
All-round flow is available, as well as 2-way to 4-way flows, so you can choose the most suitable airflow pattern depending on location or room layout.



Note: Whatever the discharge direction, the same type of panel is used. If installing for other than all-round flow, an air discharge outlet sealing material (option) must be used to close each unused outlet.



- An antibacterial treatment that uses silver ions has been applied to the drain pan, preventing the growth of slime, mould and bacteria that cause blockages and odours.

- The horizontal louvres prevent dew condensation. Their non-flocking surfaces, which repel dirt, are easy to clean.

- The air filter has an anti-mould and antibacterial treatment that prevents the growth of mould generated from dust or moisture that may adhere to the filter.

## VRV Indoor Units

### Ceiling Mounted Cassette (Compact Multi Flow) Type

FXZQ20M/FXZQ25M/FXZQ32M  
FXZQ40M/FXZQ50M



### Quiet, compact, and designed for user comfort

- Dimensions correspond with 600 mm X 600 mm architectural module ceiling design specifications.

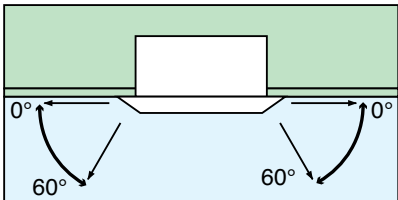
- Low operation sound level

FXZQ-M	(dB(A))			
	20/25	32	40	50
Sound level (H/L)	32/29	33/29	36/30	41/34

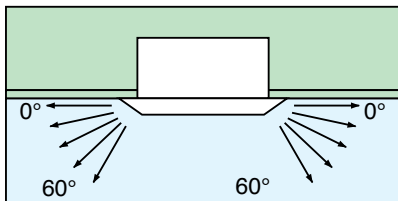
- Comfortable airflow

- ① Wide discharge angle: 0° to 60°

- Auto swing

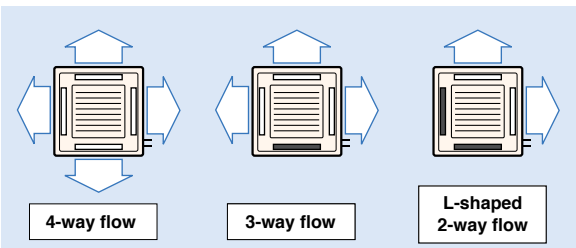


- Fixed angles: 5 levels



\*Angles can be also set on site to prevent drafts (0°-35°) or soiling of the ceiling (25°-60°), other than standard setting (0°-60°).

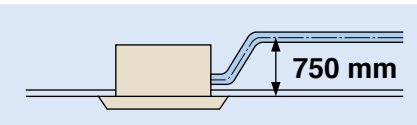
- ② 2-, 3-, and 4-way airflow patterns are available, enabling installation in the corner of a room.



\*For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close each unused outlet.



- Drain pump is equipped as standard accessory with 750 mm lift.



### 4-Way Flow Ceiling Suspended Type

New

FXUQ71A/FXUQ100A



### This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.

- Unit body and suction panel adopted round shapes and realised a slim appearance design. The unit can be used for various locations such as the ceilings with no cavity and bare ceilings.

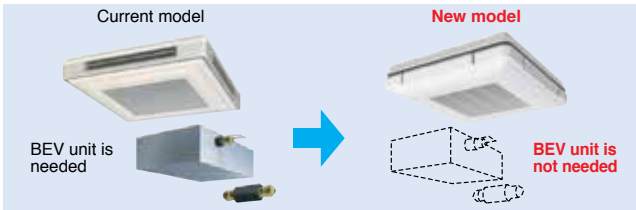


- Flaps close automatically when the unit stops, which gives a clean appearance.

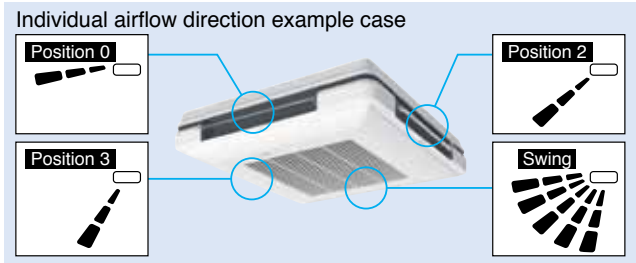
- Unified slim height of 198 mm for all models that gives the unified impression even when models with different capacities are installed in the same area.



- Built-in electronic expansion valve eliminates the need for a BEV unit, which improves flexibility of installation.



- With adoption of the individual flap control, airflow direction adjustment can be individually set for each air outlet. 5 directions of airflow and auto-swing can be selected with wired remote controller BRC1E62, which realises the optimum air distribution.

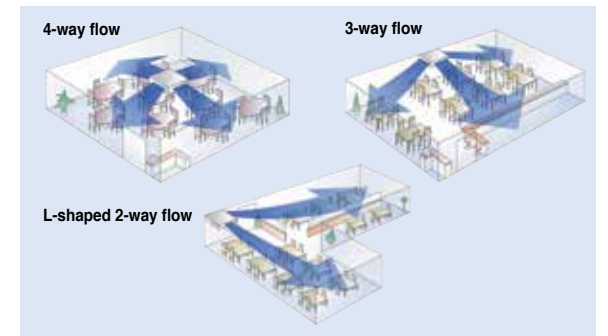


- Control of the airflow rate has been improved from 2-step to 3-step control. Auto airflow rate control can be selected with wired remote controller BRC1E62.

- Energy efficiency has been improved thanks to the adoption of a new heat exchanger with smaller tubes, DC fan motor and DC drain pump motor.

- Drain pump is equipped as a standard accessory, and the lift height has been improved from 500 mm to 600 mm.

- Depending on installation site requirements or room conditions, 2-way, 3-way and 4-way discharge patterns are available.





VRV Indoor Units

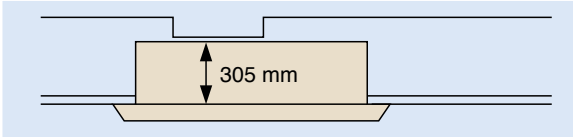
Ceiling Mounted Cassette (Double Flow) Type

FXCQ20M/FXCQ25M/FXCQ32M  
FXCQ40M/FXCQ50M/FXCQ63M  
FXCQ80M/FXCQ125M



Thin, lightweight, and easy to install in narrow ceiling spaces

- The thin unit (only 305 mm high) can be installed in a ceiling space as narrow as 350 mm. All models feature a compact design with a depth of only 600 mm.

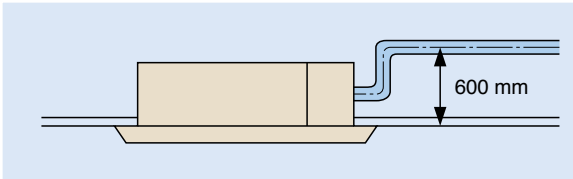


(When a high-efficiency filter is attached, the unit's height is 400 mm.)

•Low operation sound level (dB(A))

FXCQ-M	20	25/32	40/50	63	80	125
Sound level (H/L)	32/27	34/28	34/29	37/32	39/34	44/38

- Designed with higher airflow suitable for high ceiling application up to 3 metres.
- Providing 2 different settings of standard and ceiling soiling prevention, the auto swing mechanism realises even distribution of airflow and room temperature.
- Drain pump is equipped as standard accessory with 600 mm lift.



- Two types of optional high-efficiency filter are available (65% and 95%, colourimetric method).
- A long-life filter (maintenance free up to one year\*) is equipped as standard accessory.  
\* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m<sup>3</sup>
- Major maintenance work can be performed by removing the panel. A flat-type suction grille and a detachable blade make cleaning easy.

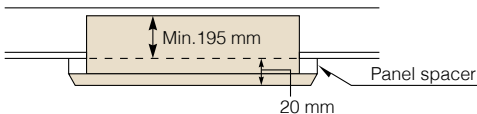
Ceiling Mounted Cassette Corner Type

FXKQ25MA/FXKQ32MA  
FXKQ40MA/FXKQ63MA

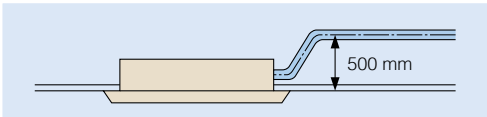


Slim design for flexible installation

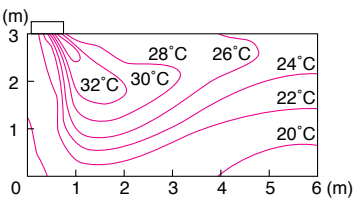
- Slim body needs only 220 mm space above the ceiling. If you use a panel spacer (option), the unit can be installed in the minimum space of 195 mm.



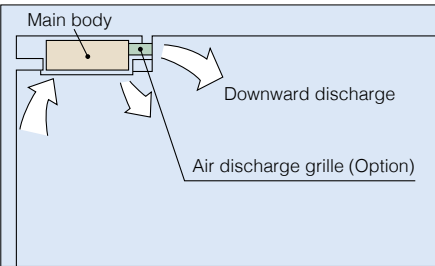
- Single-flow type allows effective air discharge from corner or from drop-ceiling.
- Drain pump is equipped as standard accessory with 500 mm lift.



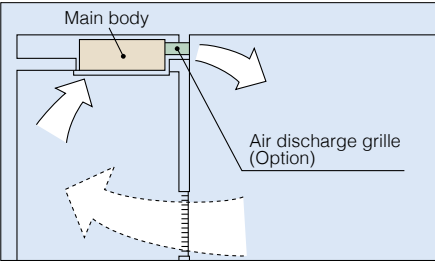
- Providing 3 different settings of standard, draft prevention and ceiling soiling prevention, the auto swing mechanism realises even distribution of airflow and room temperature.



- Front discharge is possible with an air discharge unit (option), which allows the installation in the drop-ceiling or sagging wall.



\*Set for front discharge using a suspended ceiling.



\*Downward discharge is shut off and air is blown straight out (front discharge).

- A long-life filter (maintenance free up to one year\*) is equipped as standard accessory.  
\* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m<sup>3</sup>

## VRV Indoor Units

### Slim Ceiling Mounted Duct Type

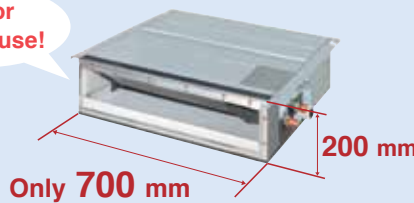
**Slim design, quietness and static pressure switching**

**Suited to use in drop-ceilings!**

**FXDQ20PB/FXDQ25PB/FXDQ32PB**

- Only 700 mm in width and 23 kg in weight, this model is suitable to install in limited spaces like drop-ceilings in hotels.

**Great for hotel use!**



- Control of the airflow rate has been improved from 2-step to 3-step control.

● Low operation sound level (dB(A))

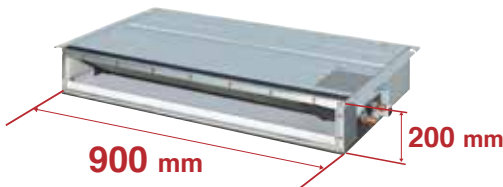
FXDQ-PB/NB	20/25/32	40	50	63
Sound level (H/L)	33/31/29	34/32/30	35/33/31	36/34/32

\* The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).  
\* Values are based on the following conditions:  
FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.

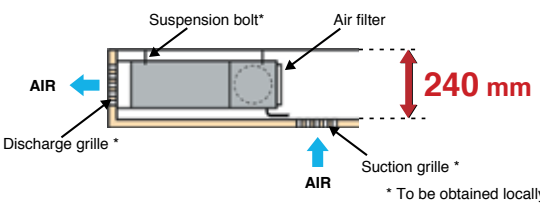


**FXDQ40NB/FXDQ50NB/FXDQ63NB**

- Only 200 mm in height, this model can be installed in rooms with as little as 240 mm depth between the drop-ceiling and ceiling slab.

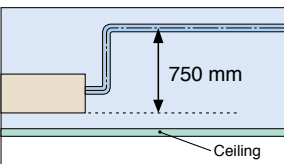


\* 1,100 mm in width for the FXDQ63NB model.



- External static pressure selectable by remote controller switching make this indoor unit a very comfortable and flexible model.  
10 Pa-30 Pa/factory set: 10 Pa for FXDQ-PB models.  
15 Pa-44 Pa/factory set: 15 Pa for FXDQ-NB models.

- Drain pump is equipped as standard accessory with 750 mm lift.



### Ceiling Mounted Built-in Type

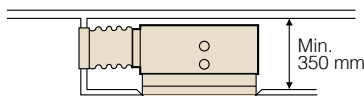
**FXSYQ20M/FXSYQ25M/FXSYQ32M  
FXSYQ40M/FXSYQ50M/FXSYQ63M  
FXSYQ80M/FXSYQ100M  
FXSYQ125M**



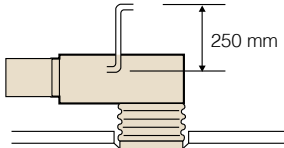
**Highly flexible for various application**

- Highly flexible installation is possible with a complete lineup of optional kits to satisfy various needs, such as the design concept, interior decoration and so on.

- The unit can be installed, if there is a space of 350 mm above ceiling. (when suction panel is used.)



- Drain pump is equipped as standard accessory with 250 mm lift.



- High external static pressure allows the use of flexible ducts of various length.

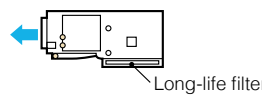
● Low operation sound level (230 V)(dB(A))

FXSYQ-M	20/25/32	40	50	63	80/100	125
Sound level (H/L)	41/33.5	41/34.5	43/37	45/38.5	48/43	49/41.5

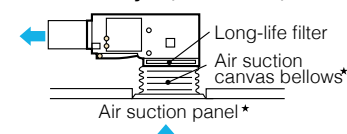
\* The values of operation sound level are based on Australian Standard 1217.6-1985. Measurement is based on bottom-return air entry.

#### Installation examples (\* Optional parts)

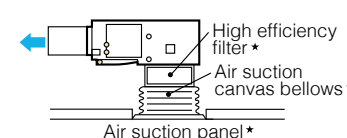
##### ● Standard



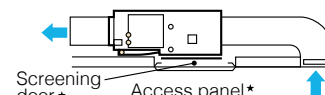
##### ● Cassette style (standard filter)



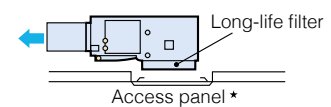
##### ● Cassette style (high efficiency filter)



##### ● With duct



##### ● Ceiling return





## VRV Indoor Units

### Ceiling Concealed (Duct) Type

FXDYQ80MA/FXDYQ100MA  
FXDYQ125MA/FXDYQ145MA  
FXDYQ180M/FXDYQ200M  
FXDYQ250M



**High static pressure offers flexible duct design that blends in with any interior décor in stores and offices**

- High efficiency Hi-X heat exchanger coils that provide even more energy savings.
- High external static pressure allows comprehensive duct layout for various applications.  
  
120 Pa for FXDYQ80MA–145MA  
150 Pa for FXDYQ180M  
180 Pa for FXDYQ200M  
200 Pa for FXDYQ250M
- Design of indoor units allows installation in limited roof spaces.
- Return air spigots included for ease of installation for FXDYQ80MA-145MA models.
- Two external static pressure settings for added flexibility.
- Quiet yet powerful supply air fan.
- High strength galvanised steel casing.

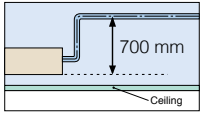


### Ceiling Mounted Duct Type

FXMQ20P/FXMQ25P/FXMQ32P  
FXMQ40P/FXMQ50P/FXMQ63P  
FXMQ80P/FXMQ100P/FXMQ125P  
FXMQ140P



**Middle and high static pressure allows for flexible duct design**

- A DC fan motor increases the external static pressure capacity range to include middle to high static pressures, increasing design flexibility.  
30 Pa–100 Pa for FXMQ20P-32P  
30 Pa–160 Pa for FXMQ40P  
50 Pa–200 Pa for FXMQ50P-125P  
50 Pa–140 Pa for FXMQ140P
- All models are only 300 mm in height, an improvement over the 390 mm height of conventional models. The weight of the FXMQ40P has been reduced from 44 kg to 28 kg.
- Drain pump is equipped as standard accessory with 700 mm lift.  

- Control of the airflow rate has been improved from 2-step to 3-step control.
- Low operation sound level (dB(A))

FXMQ-P	20/25	32	40	50	63	80/100	125	140
Sound level (HH/H/L)	33/31/29	34/32/30	39/37/35	41/39/37	42/40/38	43/41/39	44/42/40	46/45/43
- Energy-efficient
  - The adopted DC fan motor is much more efficient than the conventional AC motor, yielding an approximate 20% decrease in energy consumption (FXMQ125P).



- Improved ease of installation
  - Airflow rate can be controlled using a remote controller during test operation. With the conventional model, the airflow rate was controlled from the PC board. It is automatically adjusted to the range between approximately  $\pm 10\%$  of the rated HH tap airflow for FXMQ20P–125P.
- Improved ease of maintenance
  - The drain pan can be detached for easy cleaning. An antibacterial treatment that uses silver ions has been applied to the drain pan, preventing the growth of slime, mould and bacteria that cause blockages and odours.

### FXMQ200MA/FXMQ250MA

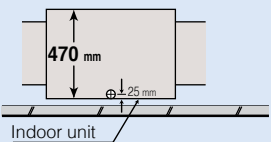


- Simplified Static Pressure Control  
External static pressure can be easily adjusted using a change-over switch inside the electrical box to meet the resistance in the duct system.

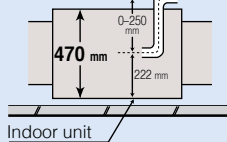
### Built-in Drain Pump (Option)

Housing the drain pump inside the unit reduces the space required for installation.

### Without drain pump



### With drain pump



## VRV Indoor Units

### Ceiling Suspended Type

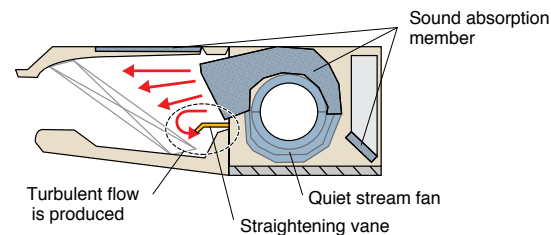
FXHQ32MA/FXHQ63MA  
FXHQ100MA



### Slim body with quiet and wide airflow

#### ●Adoption of QUIET STREAM FAN

Uses the quiet stream fan and many more advanced technologies.

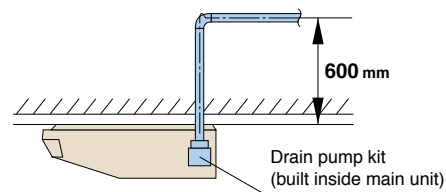


#### ●Low operation sound level

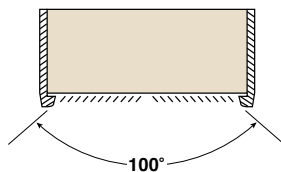
	32	63	100
FXHQ-MA			
Sound level (H/L)	36/31	39/34	45/37

#### ●Installation is easy

- Drain pump kit (option) can be easily incorporated.



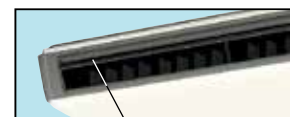
#### ●Wide air discharge openings produce a spreading 100° airflow.



#### ●Maintenance is easy

- Non-dew Flap with no implanted bristles

Bristle-free Flap minimises contamination and makes cleaning simpler.



- Easy-to-clean flat design

- Maintenance is easier because everything can be performed from below the unit.

- A long-life filter (maintenance free up to one year\*) is equipped as standard accessory.

\* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m<sup>3</sup>

### Wall Mounted Type

FXAQ20P/FXAQ25P  
FXAQ32P/FXAQ40P  
FXAQ50P/FXAQ63P



### Stylish flat panel design harmonised with your interior décor

- Stylish flat panel design creates a graceful harmony that enhances any interior space.

- Flat panel can be cleaned with only the single pass of a cloth across their smooth surface. Flat panel can also be easily removed and washed for more thorough cleaning.

#### ●Low operation sound level

	20	25	32	40	50	63
FXAQ-P						
Sound level (H/L)	35/31	36/31	38/31	39/34	42/37	47/41

- Drain pan and air filter can be kept clean by mould-proof polystyrene.

- Vertical auto-swing realises efficiency of air distribution. The louvre closes automatically when the unit stops.

- 5 steps of discharge angle can be set by remote controller.

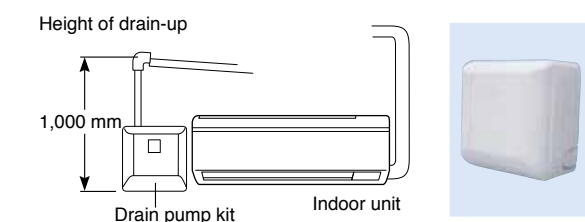
- Discharge angle is automatically set at the same angle as the previous operation when restarting. (Initial setting: 10° for cooling and 70° for heating)

- Flexible installation

- Drain pipe can be fitted to from either left or right sides.



- Drain pump kit is available as optional accessory, which lifts the drain 1,000 mm from the bottom of the unit.





## VRV Indoor Units

### Floor Standing Type

FXLQ20MA/FXLQ25MA  
FXLQ32MA/FXLQ40MA  
FXLQ50MA/FXLQ63MA



### Suitable for perimeter zone air conditioning

- Floor Standing types can be hung on the wall for easier cleaning. Running the piping from the back allows the unit to be hung on walls. Cleaning under the unit, where dust tends to accumulate, is considerably easier.
- The adoption of a fibre-less discharge grille featuring an original design to prevent condensation also helps prevent staining and makes cleaning easier.
- A long-life filter (maintenance free up to one year\*) is equipped as standard accessory.

\* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m<sup>3</sup>.



### Concealed Floor Standing Type

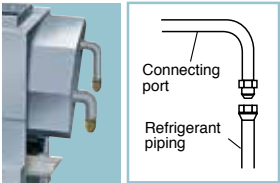
FXNQ20MA/FXNQ25MA  
FXNQ32MA/FXNQ40MA  
FXNQ50MA/FXNQ63MA



### Designed to be concealed in the perimeter skirting-wall

- The unit is concealed in skirting-wall of perimeter, that enables to create high class interior design.
- The connecting port faces downward, greatly facilitating on-site piping work.
- A long-life filter (maintenance free up to one year\*) is equipped as standard accessory.

\* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m<sup>3</sup>.



\* Applies also to Floor Standing type (FXLQ-MA).



## New Residential Indoor Units with connection to BP units

### Ceiling Mounted Cassette Type

FCQ35B/FCQ50B  
FCQ60B/FCQ71B



Option  
Note: Remote controller cables not included. Cables should be obtained locally.



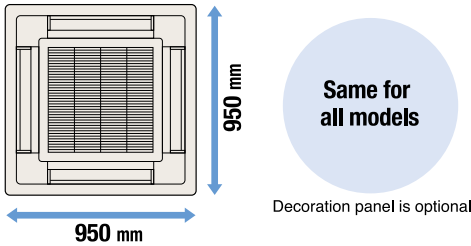
Option



Signal receiver unit  
Note: Wireless remote controllers and signal receiver units are sold as a set.

### Specially designed for false ceilings —for a smooth, modern interior finish

- All models feature a decoration panel with the same compact size and simple design for easier planning of lighting systems and harmonising of interior décor.
- Three convenient patterns for auto-swing operation



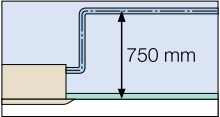
- The indoor units weigh only 24 kg and require an installation space with a height of just 245 mm.



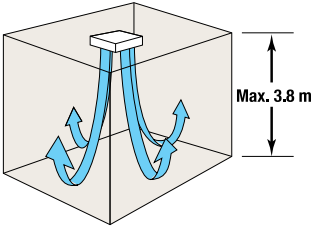
• Low operation sound level (H/L)

FCQ35B	FCQ50B	FCQ60B	FCQ71B
33/29 dB (A)	33/29 dB (A)	35/30 dB (A)	35/30 dB (A)

- Drain pump is equipped as standard with 750 mm.



- These models have the power to provide a comfortable airflow even with a ceiling height of up to 3.8 m.



New Residential Indoor Units with connection to BP units

Ceiling Mounted Cassette (Compact Multi Flow) Type

FFQ25B/FFQ35B  
FFQ50B/FFQ60B



Option  
Note: Remote controller  
cables not included.  
Cables should be  
obtained locally.



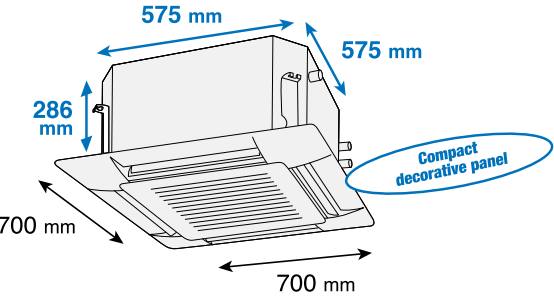
Option



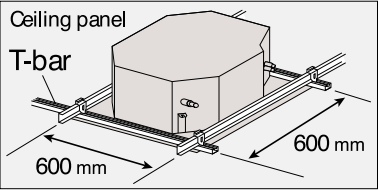
Signal receiver unit  
Note: Wireless remote  
controllers and signal  
receiver units are sold  
as a set.

Quiet, compact, and designed for user comfort

- Designed to fit 600 mm wide ceiling grids



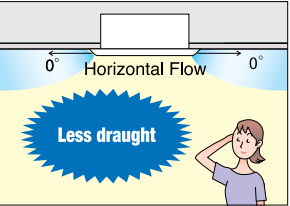
T-bar grid does not need to be cut.



- Low operation sound level

FFQ25B	FFQ35B	FFQ50B	FFQ60B
29.5/24.5 dB (A)	32/25 dB (A)	36/27 dB (A)	41/32 dB (A)

- Low draft performance is designed for your comfort.



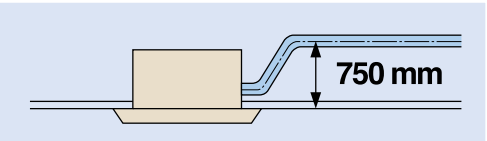
- Comfortable across all areas

Conditioned air is distributed evenly by Auto-swing operation. Adjustable airflow angle to suit all room conditions.

	AUTO-SWING	5 direction
Standard setting	Auto-swing between 0° and 60°	Settable to 5° different levels between 0° and 60°
Draft prevention setting (Set on site)	Auto-swing between 0° and 35°	Settable to 5° different levels between 0° and 35°
Setting to prevent soiling of ceiling (Set on site)	Auto-swing between 25° and 60°	Settable to 5° different levels between 25° and 60°

Note: Angles shown above are provided as a guide. They may differ depending on the installation site.

- Drain pump is equipped as standard accessory with 750 mm lift.



Ceiling Mounted Built-in Type

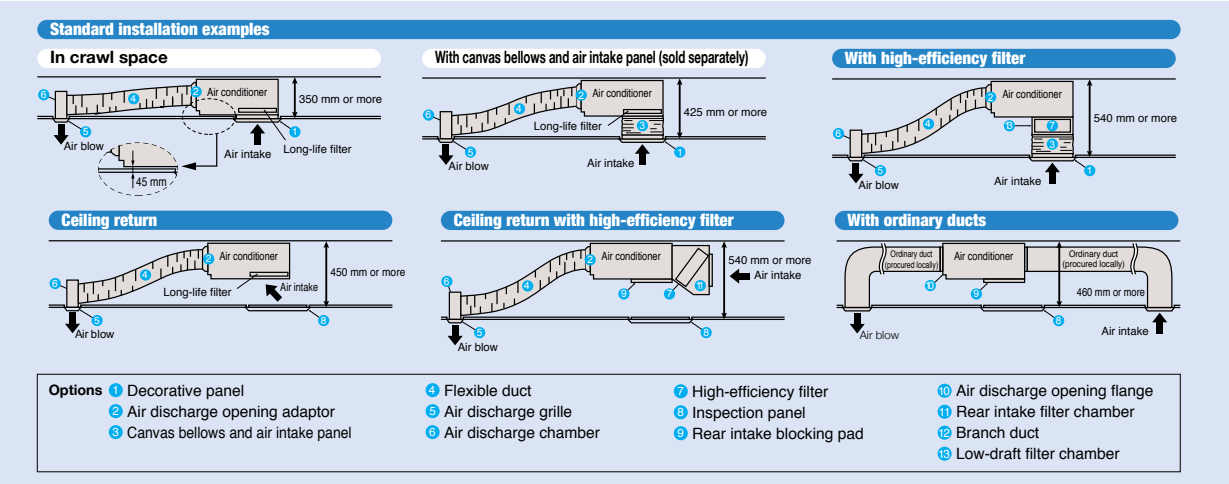
FBQ60B/FBQ71B



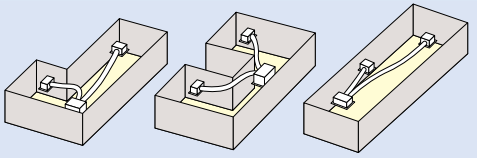
Option  
Note: Remote controller  
cables not included.  
Cables should be  
obtained locally.

Flexible air discharge unit to fit various forms of space

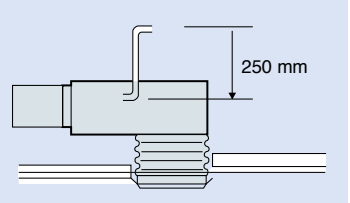
- The indoor unit can be installed in rooms with as little as 350 mm between the drop ceiling and ceiling slab. It also works with both flexible and ordinary ducts.



- To cope with the challenges of L-shaped or U-shaped spaces, it is possible to install the air discharge unit away from the main unit. This extends the possibilities for coping with human gathering patterns or sun lighting. At the same time, different types of architectural space can be kept comfortable.



- Drain pump is equipped as standard accessory with 250 mm lift.



- Low operation sound level

FBQ60B	FBQ71B
41/35 dB (A)	41/35 dB (A)



New Residential Indoor Units with connection to BP units

Ceiling Suspended Type

- FHQ35B
- FHQ50B
- FHQ60B

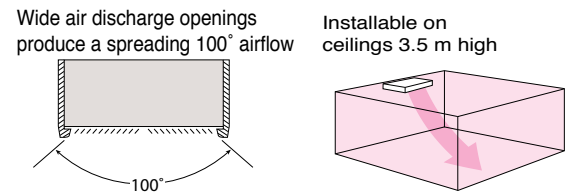


Option  
Note: Remote controller cables not included. Cables should be obtained locally.

Option  
Signal receiver unit  
Note: Wireless remote controllers and signal receiver units are sold as a set.

Slim body with quiet and wide airflow

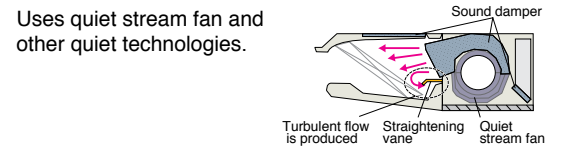
- This ceiling-suspended type air conditioner features a slim body with a quiet and wide airflow.
- Spreads comfortable air throughout the room
  - Auto-swing for comfort in all directions.



- Quiet operation
  - Quiet operation has been emphasised even more on the exposed ceiling suspended type unit.

FHQ35	FHQ50	FHQ60
37/32 dB(A)	38/33 dB(A)	39/33 dB(A)

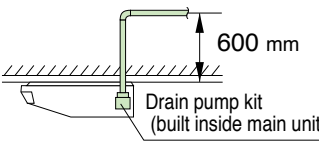
\* Capacity may be affected.



- Easier installation for greater freedom of design
  - Uniform height and depth. Narrower design for small-capacity models to meet tighter dimensional constraints.

	FHQ35	FHQ50	FHQ60
Dimensions (H x W x D)	195 x 960 x 680 mm	195 x 1,160 x 680 mm	

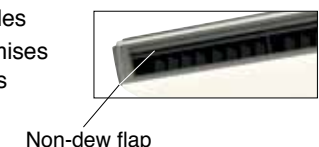
- Drain pump kit (option) can be easily incorporated
  - Drain pipe connection can be done inside the unit. Refrigerant and drain pipe outlets are at the same opening.



- Long-life filter lasts approximately 1 year\*
  - \* For dust concentration of 0.15 mg/m³
- Two time settings (2500 hrs and 1250 hrs) are available to match the installation environment. Maintenance time warning is displayed on the remote controller (filter sign).

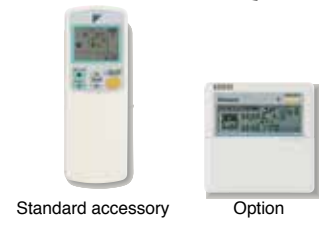
- Easy-clean, flat surfaces
  - It is easy to wipe dirt off the flat side and lower surfaces of the unit.

- Non-dew flap without bristles
  - Absence of bristles minimises clinging dirt and simplifies cleaning.



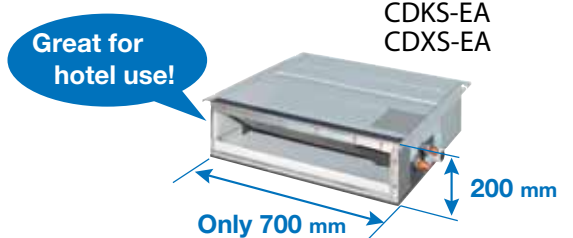
Slim Ceiling Mounted Duct Type

- (Cooling Only) CDKS25EA/CDKS35EA  
CDKS25C/CDKS35C  
CDKS50C/CDKS60C
- (Heat Pump) CDXS25EA/CDXS35EA  
FDXS25C/FDXS35C  
FDXS50C/FDXS60C

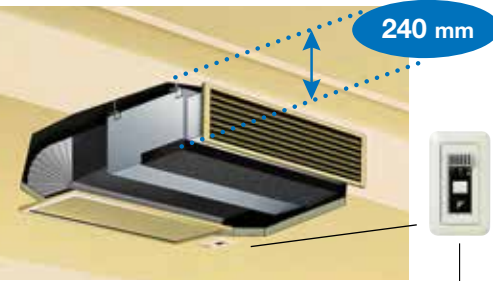


Slim and smooth design suits your shallow ceiling

- Models in the CDKS-EA and CDXS-EA series are only 700 mm in width and 21 kg in weight, so are easily installed in limited spaces. Just 200 mm in height, all models can be installed in rooms with as little as 240 mm depth between the drop ceiling and ceiling slab, making them ideal for even shallow ceilings.



	CDKS25EA CDXS25EA	CDKS35EA CDXS35EA	CDKS25C FDXS25C	CDKS35C FDXS35C
Dimensions (H x W x D)	200 x 700 x 620 mm	200 x 900 x 620 mm		
Weight	21 kg	25 kg		
Airflow rate (H)	145 l/s	158 l/s	167 l/s	
External static pressure	30 Pa	40 Pa		



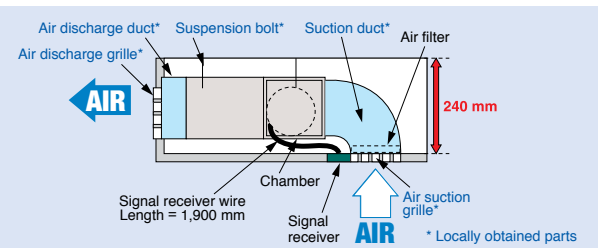
Signals from the wireless remote controller are transmitted to the signal receiver.

- Low operation sound level (H/L/SL)

CDKS25 C(F)DXS25	CDKS35 C(F)DXS35	CDKS50 FDXS50	CDKS60 FDXS60
35/31/29 dB (A)	35/31/29 dB (A)	37/33/31 dB (A)	38/34/32 dB (A)

- Home Leave Operation prevents large rises or falls in the indoor temperature by continuing operation\* while you are sleeping or out of your home. This means that an air-conditioned welcome awaits when you wake or return. It also means that the indoor temperature can quickly return to your favourite comfort setting.

\* Home Leave Operation can be selected for any temperature from 18 to 32°C for cooling operation and 10 to 30°C for heating operation.  
\* Home Leave Operation function must be set using the remote controller when going to sleep or leaving the house, and after waking up or returning home.



- Notes:
- To prevent an increase in operation noise, avoid installing the air suction grille directly below the suction chamber.
  - Grilles, piping connections, ducts, and installation parts should be obtained locally. Slim Ceiling Mounted Duct type models do not have drain-up pumps.
  - The signal receiver unit must be located near the air suction inlet, because the unit includes a sensor that detects room temperature.



## New Residential Indoor Units with connection to BP units

### Wall Mounted Type

(Cooling Only) FTKS20K/FTKS25K/FTKS35K  
(Heat Pump) FTXS20K/FTXS25K/FTXS35K

(Cooling Only) FTKS50KA/FTKS60KA/FTKS71KA  
(Heat Pump) FTXS50KA/FTXS60KA/FTXS71KA



Stylish flat panel  
harmonises with your interior décor

- Wall-mounted type indoor units achieve quiet sound level of 22 dB (A).

(H/L/SL)

FTKS20/25	FTKS35	FTKS50	FTKS60	FTKS71
38/25/22 dB(A)	42/26/23 dB(A)	44/35/32 dB(A)	45/36/33 dB(A)	46/37/34 dB(A)

\* Capacity may be affected.

- Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by 2°C for energy savings.

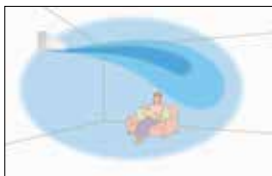


When you are in the room



When you go out

- Comfort Airflow Mode prevents uncomfortable drafts from blowing directly on to your body. With this function, when you press the COMFORT button during cooling operation, the flap moves upward to prevent direct cold drafts. During heating operation, it also moves downward to prevent direct drafts and deliver warm air to the floor.

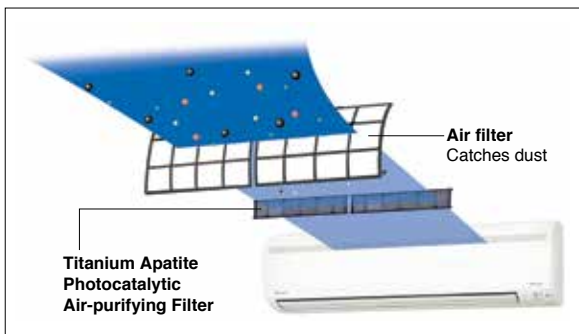


Cooling operation



Heating operation

- Titanium apatite is a photocatalytic material with high adsorption power. Titanium apatite also effectively adsorbs and decomposes bacteria across its entire surface. The photocatalyst is activated simply by exposure to light.



These filters are not medical devices. Benefits such as the adsorption and decomposition of bacteria are only effective for substances that are collected on and in direct contact with the Titanium Apatite Photocatalytic Air-Purifying Filter.

Bacteria Removal Test  
Testing method: dropping method  
Result certificate: No. 012553-1 and 012553-2  
Testing organisation: Japan Spinners Inspecting Foundation



### Floor Standing Type

(Heat Pump) FVXS25KV1A  
FVXS35KV1A  
FVXS50KV1A



Dual discharges to evenly  
distribute air across the whole room

- A space-saving air-conditioner of simple and neat appearance. It distributes airflow to the furthest corners with efficient Vertical Auto-Swing and Wide-Angle Louvres.

- Dual air discharge for enhanced comfort

- Daikin's inverter floor standing units are especially effective in heating. The unit features dual air outlets that diffuse warm air at floor level, and vertical auto swing louvers on the top air outlet, providing uniform distribution of heated air in the room. In warmer months, the lower air outlet can be shut off, leaving the top air diffuser to stream cool refreshing air upwards.



Double airflow keeps feet warm during heating operation.

- Easy to clean

- The flat panel design makes cleaning the front face of the unit a breeze. Surface dust can be simply wiped away with a soft cloth. Furthermore, the unit can be installed off the floor to allow for cleaning of the floor space under the unit.

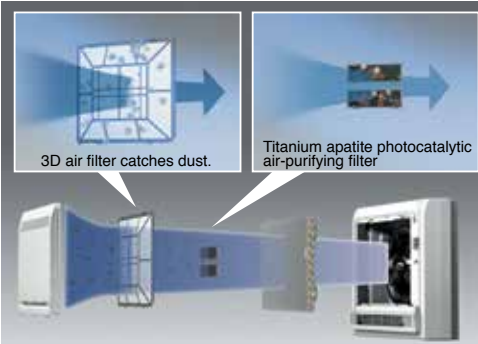


Wiping clean the flat panel is a breeze.



Easily clean beneath the unit.

- Uses a Titanium Apatite Photocatalytic Air-Purifying Filter. Titanium apatite is a photocatalytic material with high adsorption power. It effectively adsorbs and removes bacteria.

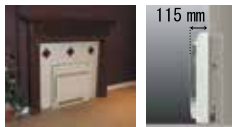


These filters are not medical devices. Benefits such as the adsorption and decomposition of bacteria are only effective for substances that are collected on and in direct contact with the Titanium Apatite Photocatalytic Air-Purifying Filter.

Bacteria Removal Test  
Testing method: dropping method  
Result certificate: No. 012553-1 and 012553-2  
Testing organisation: Japan Spinners Inspecting Foundation

- Stylish and compact flat panel

- The clever construction of the elegant flat panel unit allows the flexibility of fully exposed installation against a wall or semi-recessed installation in spaces such as in a mantelpiece.



115 mm



New Residential Indoor Units with connection to BP units

VRV Indoor Units

Floor/Ceiling Suspended Dual Type

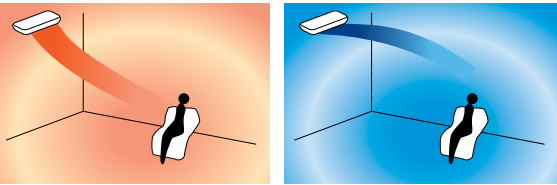
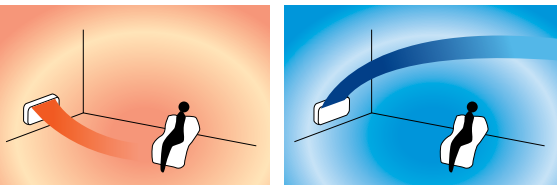
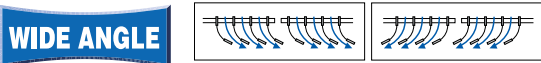
Ceiling Mounted Cassette (Round Flow with Sensing) Type

Heat Pump FLXS25B/FLXS35G  
FLXS50G/FLXS60G



Floor/ceiling dual use maximises free space

- Two-way installation
  - The floor/ceiling-suspended dual type's slim, rounded design allows both ceiling-suspended and floor-level installation. Ceiling-suspended installation frees up wall and floor space, while floor-level installation is possible.
- Comfortable airflow
  - Vertical Auto-Swing and Wide-Angle Louvres realise that comfortable airflow spreads throughout a large room. With these functions, the whole room can be evenly air-conditioned from either a floor-level or ceiling-suspended installation. The louvres can be adjusted by hand.



The Vertical Auto-Swing and Wide-Angle Louvres direct warm/cool air to every corner of your room.

- The floor/ceiling-suspended dual type indoor units achieve quiet sound level of 28 dB (A).

(H/L/SL)			
FLXS25	FLXS35	FLXS50	FLXS60
37/31/28 dB(A)	38/32/29 dB(A)	47/39/36 dB(A)	48/41/39 dB(A)

\* Capacity may be affected. During cooling operation

- The curved design of the indoor unit merges smoothly with the wall or floor to enhance the décor of any room.

- The indoor unit is only 490 mm in height and weighs a featherlight 16 kg, which means it can be quickly and efficiently installed by one person.



- The Photocatalytic Deodorising Filter is able to decompose odours and even removes bacteria and viruses. This filter can be used indefinitely if regular maintenance is carried out.

Bacteria Removal Test  
Testing method: dropping method  
Result certificate: No. 298081197-003  
Virus Removal Test  
Testing method: washout method  
Result certificate: No. 298081197-004  
Testing organisation: Japan Food Research Laboratories



MODEL		FXFQ25SVM	FXFQ32SVM	FXFQ40SVM	FXFQ50SVM
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz			
Cooling capacity	kcal/h	2,400	3,100	3,900	4,800
	Btu/h	9,600	12,300	15,400	19,100
	kW	2.8	3.6	4.5	5.6
Heating capacity	kcal/h	2,800	3,400	4,300	5,400
	Btu/h	10,900	13,600	17,100	21,500
	kW	3.2	4.0	5.0	6.3
Power consumption	Cooling	0.031		0.041	0.080
	Heating	0.027		0.037	0.075
Casing		Galvanised steel plate			
Airflow rate (H/M/L)	ℓ/s	208/191/166		241/216/183	365/291/224
	m³/min	12.5/11.5/10.0		14.5/13.0/11.0	22.0/17.5/13.5
Sound level (H/M/L)	dB(A)	30/28.5/27		31/29/27	36/32/28
Sound power (H/M/L)	dB(A)	47/45.5/44		48/46/44	53/49/45
Dimensions (HxWxD)	mm	246x840x840			
Machine weight	kg	19			23
Piping connections	Liquid (Flare)	mm	ϕ 6.4		
	Gas (Flare)		ϕ 12.7		
	Drain		I.D. ϕ 25xO.D. ϕ 32(VP25)		
Panel (Option)	Model	BYCQ125B-W1			
	Colour	Fresh white			
	Dimensions(HxWxD)	mm	50x950x950		
	Weight	kg	5.5		

MODEL		FXFQ63SVM	FXFQ80SVM	FXFQ100SVM	FXFQ125SVM	
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz				
Cooling capacity		kcal/h	6,100	7,700	9,600	12,000
		Btu/h	24,200	30,700	38,200	47,800
		kW	7.1	9.0	11.2	14.0
Heating capacity		kcal/h	6,900	8,600	10,800	13,800
		Btu/h	27,300	34,100	42,700	54,600
		kW	8.0	10.0	12.5	16.0
Power consumption	Cooling	kW 0.095		0.194	0.219	
	Heating	kW 0.090		0.180	0.199	
Casing		Galvanised steel plate				
Airflow rate (H/M/L)		ℓ/s	391/308/224	391/324/249	549/433/316	574/458/349
		m³/min	23.5/18.5/13.5	23.5/19.5/15.0	33.0/26.0/19.0	34.5/27.5/21.0
Sound level (H/M/L)		dB(A)	38/33/28	38/35/31	44/38/32	45/40/35
Sound power (H/M/L)		dB(A)	55/50/45	55/52/48	60/54/48	61/56/51
Dimensions (HxWxD)		mm	246x840x840		288x840x840	
Machine weight		kg	23		26	
Piping connections	Liquid (Flare)	mm	ϕ9.5			
	Gas (Flare)		ϕ15.9			
	Drain		I.D. ϕ25xO.D. ϕ32(VP25)			
Panel (Option)	Model		BYCQ125B-W1			
	Colour		Fresh white			
	Dimensions(HxWxD)	mm	50x950x950			
	Weight	kg	5.5			

Note: Specifications are based on the following conditions:  
• Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
• Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
• Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)  
• Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.

## VRV Indoor Units

### Ceiling Mounted Cassette (Round Flow) Type



MODEL			FXFQ25PVE	FXFQ32PVE	FXFQ40PVE	FXFQ50PVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity		kcal/h	2,400	3,100	3,900	4,800
		Btu/h	9,600	12,300	15,400	19,100
		kW	2.8	3.6	4.5	5.6
Heating capacity		kcal/h	2,800	3,400	4,300	5,400
		Btu/h	10,900	13,600	17,100	21,500
		kW	3.2	4.0	5.0	6.3
Power consumption	Cooling	kW	0.033		0.047	0.052
	Heating	kW	0.027		0.034	0.038
Casing			Galvanised steel plate			
Airflow rate (HH/M/L)		ℓ/s	216/191/166		250/216/183	266/225/183
		m³/min	13/11.5/10		15/13/11	16/13.5/11
Sound level (HH/M/L)	240 V	dB(A)	30/28.5/27		31/29/27	32/29.5/27
Sound power (HH/M/L)	240 V	dB(A)	48/46.5/45		49/47/45	50/47.5/45
Dimensions (HxWxD)		mm	246x840x840			
Machine weight		kg	19.5			
Piping connections	Liquid (Flare)	mm	ϕ 6.4			
	Gas (Flare)		ϕ 12.7			
	Drain		VP25 (External Dia, 32/Internal Dia, 25)			
Panel (Option)	Model		BYCP125K-W1			
	Colour		Fresh white			
	Dimensions(HxWxD)	mm	50x950x950			
	Weight		kg	5.5		

MODEL			FXFQ63PVE	FXFQ80PVE	FXFQ100PVE	FXFQ125PVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity		kcal/h	6,100	7,700	9,600	12,000
		Btu/h	24,200	30,700	38,200	47,800
		kW	7.1	9.0	11.2	14.0
Heating capacity		kcal/h	6,900	8,600	10,800	13,800
		Btu/h	27,300	34,100	42,700	54,600
		kW	8.0	10.0	12.5	16.0
Power consumption	Cooling	kW	0.066	0.093	0.187	0.209
	Heating	kW	0.053	0.075	0.174	0.200
Casing			Galvanised steel plate			
Airflow rate (HH/M/L)		ℓ/s	316/275/225	350/300/250	533/433/333	550/466/375
		m³/min	19/16.5/13.5	21/18/15	32/26/20	33/28/22.5
Sound level (HH/M/L)	240 V	dB(A)	34/31/28	36/33.5/31	43/37.5/32	44/39/34
Sound power (HH/M/L)	240 V	dB(A)	52/49/46	53/51.5/49	60/54.5/50	61/56/52
Dimensions (H×W×D)		mm	246×840×840			288×840×840
Machine weight		kg	22			25
Piping connections	Liquid (Flare)	mm	ϕ 9.5			
	Gas (Flare)		ϕ 15.9			
	Drain		VP25 (External Dia, 32/Internal Dia, 25)			
Panel (Option)	Model		BYCP125K-W1			
	Colour		Fresh white			
	Dimensions(H×W×D)	mm	50×950×950			
	Weight	kg	5.5			

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.

### Ceiling Mounted Cassette (Compact Multi Flow) Type



MODEL			FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ40MVE	FXZQ50MVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800
		Btu/h	7,500	9,600	12,300	15,400	19,100
		kW	2.2	2.8	3.6	4.5	5.6
Heating capacity		kcal/h	2,200	2,800	3,400	4,300	5,400
		Btu/h	8,500	10,900	13,600	17,100	21,500
		kW	2.5	3.2	4.0	5.0	6.3
Power consumption	Cooling	kW	0.073		0.076	0.089	0.115
	Heating	kW	0.064		0.068	0.080	0.107
Casing			Galvanised steel plate				
Airflow rate (H/L)		ℓ/s	150/116		158/125	183/133	233/166
		m³/min	9/7		9.5/7.5	11/8	14/10
Sound level (H/L)	240 V	dB(A)	32/29		33/29	36/30	41/34
Sound power (H/L)	240 V	dB(A)	49		51	54	59
Dimensions (H×W×D)		mm	286×575×575				
Machine weight		kg	18				
Piping connections	Liquid (Flare)	mm	φ 6.4				
	Gas (Flare)		φ 12.7				
	Drain		VP20 (External Dia, 26/Internal Dia, 20)				
Panel (Option)	Model		BYFQ60B8W1				
	Colour		White (6.5Y9.5/0.5)				
	Dimensions(H×W×D)	mm	55×700×700				
	Weight	kg	2.7				

### 4-way Flow Ceiling Suspended Type



MODEL		FXUQ71AVEB	FXUQ100AVEB
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz	
Cooling capacity	kcal/h	6,900	9,600
	Btu/h	27,300	38,200
	kW	8.0	11.2
Heating capacity	kcal/h	7,700	10,800
	Btu/h	30,700	42,700
	kW	9.0	12.5
Power consumption	Cooling	kW 0.090	
	Heating	kW 0.073	
Casing		Fresh white	
Airflow rate (H/M/L)	ℓ/s	374/324/266	516/433/349
	m³/min	22.5/19.5/16	31/26/21
Sound level (H/M/L)	dB(A)	40/38/36	47/44/40
Sound power (H/M/L)	dB(A)	58/56/54	65/62/58
Dimensions (HxWxD)	mm	198x950x950	
Machine weight	kg	26	27
Piping connections	Liquid (Flare)	φ 9.5	
	Gas (Flare)	φ 15.9	
	Drain	VP20 (External Dia, 26/Internal Dia, 20)	

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.



VRV Indoor Units

Ceiling Mounted Cassette (Double Flow) Type



MODEL			FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz							
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	7,700	12,000
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	30,700	47,800
		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity		kcal/h	2,200	2,800	3,400	4,300	5,400	6,900	8,600	13,800
		Btu/h	8,500	10,900	13,600	17,100	21,500	27,300	34,100	54,600
		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power consumption	Cooling	kW	0.077	0.092		0.130		0.106	0.209	0.256
	Heating	kW	0.044	0.059		0.097		0.126	0.176	0.223
Casing			Galvanised steel plate							
Airflow rate (HH/M/L)		ℓ/s	116/83	150/108		200/150		275/216	433/350	550/416
		m³/min	7/5	9/6.5		12/9		16.5/13	26/21	33/25
Sound level (H/L)		dB(A)	32/27	34/28		34/29		37/32	39/34	44/38
Dimensions (H×W×D)		mm	305×775×600			305×990×600		305×1,175×600	305×1,665×600	
Machine weight		kg	26.0			31.0	32.0	35.0	47.0	48.0
Piping connections	Liquid (Flare)	mm	ø6.4					ø9.5		
	Gas (Flare)		ø12.7					ø15.9		
	Drain		VP25 (External Dia, 32/Internal Dia, 25)							
Panel (Option)	Model		BYBC32G-W1			BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
	Colour					White (10Y9/0.5)				
	Dimensions(H×W×D)	mm	53×1,030×680			53×1,245×680		53×1,430×680	53×1,920×680	
	Weight		kg	8.0			8.5		9.5	12.0

Ceiling Mounted Cassette Corner Type



MODEL		FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	kcal/h	2,400	3,100	3,900	6,100
	Btu/h	9,600	12,300	15,400	24,200
	kW	2.8	3.6	4.5	7.1
Heating capacity	kcal/h	2,800	3,400	4,300	6,900
	Btu/h	10,900	13,600	17,100	27,300
	kW	3.2	4.0	5.0	8.0
Power consumption	Cooling	kW	0.066	0.076	0.105
	Heating	kW	0.046	0.056	0.085
Casing		Galvanised steel plate			
Airflow rate (H/L)	ℓ/s	183/150		216/166	300/250
	m³/min	11/9		13/10	18/15
Sound level (H/L)	220 V	38/33		40/34	42/37
	240 V	40/35		42/36	44/39
Dimensions (HxWxD)	mm	215×1,110×710			215×1,310×710
Machine weight	kg	31			34
Piping connections	Liquid (Flare)	φ6.4			φ 9.5
	Gas (Flare)	φ12.7			φ 15.9
	Drain	VP25 (External Dia, 32/Internal Dia, 25)			
Panel (Option)	Model	BYK45FJW1			BYK71FJW1
	Colour	White (10Y9/0.5)			
	Dimensions(HxWxD)	mm	70×1,240×800		
	Weight	kg	8.5		

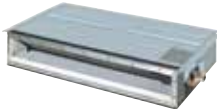
Note: Specifications are based on the following conditions:  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)  
•Sound level: (FXKQ-M) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.  
(FXKQ-MA) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Slim Ceiling Mounted Duct Type (700 mm width type)



MODEL		FXDQ20PBVE	FXDQ25PBVE	FXDQ32PBVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz		
Cooling capacity	kcal/h	1,900	2,400	3,100
	Btu/h	7,500	9,600	12,300
	kW	2.2	2.8	3.6
Heating capacity	kcal/h	2,200	2,800	3,400
	Btu/h	8,500	10,900	13,600
	kW	2.5	3.2	4.0
Power consumption	Cooling	kW	0.086	0.089
	Heating	kW	0.067	0.070
Casing		Galvanised steel plate		
Airflow rate (HH/H/L)	ℓ/s	133/120/106		
	m³/min	8.0/7.2/6.4		
External static pressure	Pa	30-10*1		
Sound level (HH/H/L)*2*3	dB(A)	33/31/29		
Sound power (HH)	dB(A)	51		
Dimensions (HxWxD)	mm	200×700×620		
Machine weight	kg	23.0		
Piping connections	Liquid (Flare)	φ6.4		
	Gas (Flare)	φ12.7		
	Drain	VP20 (External Dia, 26/Internal Dia, 20)		

Slim Ceiling Mounted Duct Type (900/1,100 mm width type)



MODEL		FXDQ40NBVE	FXDQ50NBVE	FXDQ63NBVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz		
Cooling capacity	kcal/h	3,900	4,800	6,100
	Btu/h	15,400	19,100	24,200
	kW	4.5	5.6	7.1
Heating capacity	kcal/h	4,300	5,400	6,900
	Btu/h	17,100	21,500	27,300
	kW	5.0	6.3	8.0
Power consumption	Cooling	kW	0.160	0.181
	Heating	kW	0.147	0.168
Casing		Galvanised steel plate		
Airflow rate (HH/H/L)	ℓ/s	175/158/141	208/183/166	275/241/216
	m³/min	10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
External static pressure	Pa	44-15*1		
Sound level (HH/H/L)*2*3	dB(A)	34/32/30	35/33/31	36/34/32
Sound power (HH)	dB(A)	52	53	54
Dimensions (HxWxD)	mm	200×900×620		200×1,100×620
Machine weight	kg	27.0	28.0	31.0
Piping connections	Liquid (Flare)	φ6.4		
	Gas (Flare)	φ12.7		
	Drain	VP20 (External Dia, 26/Internal Dia, 20)		

Note: Specifications are based on the following conditions:  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)  
•Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.  
\* 1: External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factory setting is 10 Pa for FXDQ-PB models and 15 Pa for FXDQ-NB models.)  
\* 2: The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).  
\* 3: Values are based on the following conditions: FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.

VRV Indoor Units

Ceiling Mounted Built-in Type



MODEL			FXSYQ20MVE	FXSYQ25MVE	FXSYQ32MVE	FXSYQ40MVE	FXSYQ50MVE	FXSYQ63MVE	FXSYQ80MVE	FXSYQ100MVE	FXSYQ125MVE
Power supply			1-phase, 220-240 V, 50 Hz								
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	7,700	9,600	12,000
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	30,700	38,000	47,800
		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity		kcal/h	2,200	2,800	3,400	4,300	5,400	6,900	8,600	10,800	13,800
		Btu/h	8,500	10,900	13,600	17,100	21,500	27,300	34,100	42,700	54,600
		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power consumption	Cooling	kW	0.089		0.096	0.106	0.145	0.178	0.304	0.309	0.366
	Heating	kW	0.089		0.096	0.106	0.145	0.178	0.304	0.309	0.366
Casing			Galvanised steel plate								
Airflow rate (HH/ML)		ℓ/s	150/112		158/112	191/143	250/190	350/235	450/355	466/370	633/457
		m³/min	9/6.72		9.5/6.72	11.5/8.58	15/11.4	21/14.1	27/21.3	28/22.2	38/27.42
External static pressure		Pa	98-65-33*1		88-57-27*1	96-65-57*1	86-58-43*1	115-84-52*1	140-122-61*1	138-118-53*1	98-58*2
Sound level (H/L)	230 V	dB(A)	41/33.5			41/34.5	43/37	45/38.5		48/43	49/41.5
Sound power (H/L)	230 V	dB(A)	58/50.5			58/51.5	60/54	62/55.5		65.5/60	66/59
Dimensions (HxWxD)		mm	300X550X800			300X700X800		300X1,000X800		300X1,400X800	
Machine weight		kg	30			34	35	44	57		
Piping connections	Liquid (Flare)	mm	φ6.4					φ9.5			
	Gas (Flare)		φ12.7					φ15.9			
	Drain		VP25 (External Dia, 32/Internal Dia, 25)								
Panel (Option)	Model	BYBS32DJW1				BYBS45DJW1		BYBS71DJW1	BYBS125DJW1		
	Colour	White (10Y9/0.5)									
	Dimensions(HxWxD)	mm	55X650X500			55X800X500		55X1,000X500	55X1,500X500		
	Weight	kg	3.0			3.5		4.5	6.5		

Ceiling Concealed (Duct) Type



MODEL		FXDYQ80MAV1	FXDYQ100MAV1	FXDYQ125MAV1	FXDYQ145MAV1	FXDYQ180MV1	FXDYQ200MV1	FXDYQ250MV1
Power supply		1-phase, 220-240 V, 50 Hz						
Cooling capacity	kcal/h	7,600	9,600	12,000	13,800	17,200	19,300	24,100
	Btu/h	30,000	38,200	47,400	54,600	68,200	76,400	95,500
	kW	8.8	11.2	13.9	16.0	20.0	22.4	28.0
Heating capacity	kcal/h	8,480	10,800	13,800	15,800	19,300	21,500	27,100
	Btu/h	33,800	42,700	54,600	62,800	76,400	85,300	107,500
	kW	9.9	12.5	16.0	18.4	22.4	25.0	31.5
Power consumption	Cooling	kW	0.415	0.700	0.780	0.880	0.980	1.020
	Heating	kW	0.415	0.700	0.780	0.880	0.980	1.020
Casing		Galvanised steel plate						
Airflow rate (HH/M/L)	ℓ/s	510	778	852	957	1,180	1,200	1,400
	m³/min	30.6	46.7	51.1	57.4	70.8	72.0	84.0
External static pressure	Pa	120*3				150	180	200
Sound level (H/L)	240 V dB(A)	45	46	48	51			
Dimensions (HxWxD)	mm	360X1168X869	360X1478X899			500X1210X910		500X1410X910
Machine weight	kg	50	60	65	66	77	79	98
Piping connections	Liquid (Flare)	mm	φ9.5					
	Gas (Flare)		φ15.9			φ19.1		φ22.2
	Drain		VP25 (External Dia, 32/Internal Dia, 25)			BSP 3/4 inch internal thread		

Note: Specifications are based on the following conditions;  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)  
•Sound level: (FXSYQ) Anechoic chamber conversion value, based on Australian Standard 1217.6-1985. Measurement is based on bottom-return air entry.  
(FXDYQ) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.  
•For FXDYQ models, an air filter is not a standard accessory. A suitable locally obtained filter must be installed in the return air duct.  
\*1: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard-Low static pressure".  
\*2: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard".  
\*3: External static pressure is changeable to change over the connectors inside electrical box (High static pressure-Standard static pressure).  
The data above is for high static pressure setting.

Ceiling Mounted Duct Type



MODEL		FXMQ20PVE	FXMQ25PVE	FXMQ32PVE	FXMQ40PVE	FXMQ50PVE	
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800
		Btu/h	7,500	9,600	12,300	15,400	19,100
		kW	2.2	2.8	3.6	4.5	5.6
Heating capacity		kcal/h	2,200	2,800	3,400	4,300	5,400
		Btu/h	8,500	10,900	13,600	17,100	21,500
		kW	2.5	3.2	4.0	5.0	6.3
Power consumption	Cooling	kW	0.081		0.085	0.194	0.215
	Heating	kW	0.069		0.073	0.182	0.203
Casing		Galvanised steel plate					
Airflow rate (HH/H/L)		ℓ/s	150/125/108		158/133/116	267/216/183	300/275/250
		m³/min	9/7.5/6.5		9.5/8/7	16/13/11	18/16.5/15
External static pressure		Pa	30-100*1			30-160*1	50-200*1
Sound level (HH/H/L)		dB(A)	33/31/29		34/32/30	39/37/35	41/39/37
Sound power (H)		dB(A)	51		52	57	59
Dimensions (H×W×D)		mm	300×550×700			300×700×700	300×1,000×700
Machine weight		kg	25			28	36
Piping connections	Liquid (Flare)	mm	ϕ 6.4				
	Gas (Flare)		ϕ 12.7				
	Drain		VP25 (External Dia, 32/Internal Dia, 25)				

MODEL		FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE	FXMQ140PVE	
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity		kcal/h	6,100	7,700	9,600	12,000	13,800
		Btu/h	24,200	30,700	38,200	47,800	54,600
		kW	7.1	9.0	11.2	14.0	16.0
Heating capacity		kcal/h	6,900	8,600	10,800	13,800	15,500
		Btu/h	27,300	34,100	42,700	54,600	61,400
		kW	8.0	10.0	12.5	16.0	18.0
Power consumption	Cooling	kW	0.230	0.298	0.376	0.461	0.461
	Heating	kW	0.218	0.286	0.364	0.449	0.449
Casing		Galvanised steel plate					
Airflow rate (HH/H/L)		ℓ/s	325/292/267	417/375/333	533/450/383	650/550/466	766/649/533
		m³/min	19.5/17.5/16	25/22.5/20	32/27/23	39/33/28	46/39/32
External static pressure		Pa	50-200 *1				50-140 *1
Sound level (HH/H/L)		dB(A)	42/40/38	43/41/39		44/42/40	46/45/43
Sound power (H)		dB(A)	60	61		62	64
Dimensions (H×W×D)		mm	300×1,000×700		300×1,400×700		
Machine weight		kg	36		46	47	
Piping connections	Liquid (Flare)	mm	ø9.5				
	Gas (Flare)		ø15.9				
	Drain		VP25 (External Dia, 32/Internal Dia, 25)				

Note: Specifications are based on the following conditions;  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.  
•Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index.  
(See Engineering Data Book for details.)  
•Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.  
\*1: External static pressure can be modified using a remote controller that offers seven (FXMQ20-32P), thirteen (FXMQ40P), fourteen (FXMQ50-125P) or ten (FXMQ140P) levels of control. These values indicate the lowest and highest possible static pressures. The standard static pressure is 50 Pa for FXMQ20-32P and 100 Pa for FXMQ40-140P.



VRV Indoor Units

Ceiling Mounted Duct Type



MODEL		FXMQ200MAVE	FXMQ250MAVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz	
Cooling capacity	kcal/h	19,300	24,100
	Btu/h	76,400	95,500
	kW	22.4	28.0
Heating capacity	kcal/h	21,500	27,100
	Btu/h	85,300	107,500
	kW	25.0	31.5
Power consumption	Cooling	kW	1.294
	Heating	kW	1.294
Casing		Galvanised steel plate	
Airflow rate (H/L)	ℓ/s	966/833	1,200/1,033
	m³/min	58/50	72/62
External static pressure	Pa	132-221*1	191-270*1
Sound level (H/L)	220 V	dB(A)	48/45
	240 V		49/46
Dimensions (HxWxD)	mm	470×1,380×1,100	
Machine weight	kg	137	
Piping connections	Liquid (Flare)	mm	φ9.5
	Gas (Flare)		φ19.1
	Drain		φ22.2
		PS1B	

Ceiling Suspended Type



MODEL			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz		
Cooling capacity		kcal/h	3,100	6,100	9,600
		Btu/h	12,300	24,200	38,200
		kW	3.6	7.1	11.2
Heating capacity		kcal/h	3,400	6,900	10,800
		Btu/h	13,600	27,300	42,700
		kW	4.0	8.0	12.5
Power consumption	Cooling	kW	0.111	0.115	0.135
	Heating	kW	0.111	0.115	0.135
Casing			White (10Y9/0.5)		
Airflow rate (H/L)		ℓ/s	200/166	291/233	416/325
		m³/min	12/10	17.5/14	25/19.5
Sound level (H/L)		dB(A)	36/31	39/34	45/37
Dimensions (HxWxD)		mm	195x960x680	195x1,160x680	195x1,400x680
Machine weight		kg	24.0	28.0	33.0
Piping connections	Liquid (Flare)	mm	φ6.4	φ9.5	
	Gas (Flare)		φ12.7	φ15.9	
	Drain		VP20 (External Dia, 26/Internal Dia, 20)		

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: (FXMQ-MA) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
- (FXHQ-MA) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.

During actual operation, these values are normally somewhat higher as a result of ambient conditions

\* 1: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "Standard-High static pressure".

Wall Mounted Type



MODEL		FXAQ20PVE	FXAQ25PVE	FXAQ32PVE	FXAQ40PVE	FXAQ50PVE	FXAQ63PVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity	kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	kcal/h	2,200	2,800	3,400	4,300	5,400	6,900
	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power consumption	Cooling	kW	0.019	0.028	0.030	0.020	0.033
	Heating	kW	0.029	0.034	0.035	0.020	0.039
Casing		White (3.0Y8.5/0.5)					
Airflow rate (H/L)	ℓ/s	125/75	133/83	142/91	200/150	250/200	316/233
	m³/min	7.5/4.5	8/5	8.5/5.5	12/9	15/12	19/14
Sound level (H/L)	dB(A)	35/31	36/31	38/31	39/34	42/37	47/41
Dimensions (HxWxD)	mm	290×795×238			290×1,050×238		
Machine weight	kg	11.0			14.0		
Piping connections	Liquid (Flare)	mm	φ6.4				φ9.5
	Gas (Flare)		φ12.7				φ15.9
	Drain		VP13 (External Dia, 18/Internal Dia, 13)				

Floor Standing Type/Concealed Floor Standing Type



MODEL			FXLQ20MAVE	FXLQ25MAVE	FXLQ32MAVE	FXLQ40MAVE	FXLQ50MAVE	FXLQ63MAVE
			FXNQ20MAVE	FXNQ25MAVE	FXNQ32MAVE	FXNQ40MAVE	FXNQ50MAVE	FXNQ63MAVE
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity		kcal/h	2,200	2,800	3,400	4,300	5,400	6,900
		Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power consumption	Cooling	kW	0.049		0.090		0.110	
	Heating	kW	0.049		0.090		0.110	
Casing			FXLQ: Ivory white (5Y7.5/1)/FXNQ: Galvanised steel plate					
Airflow rate (H/L)		ℓ/s	116/100		133/100	183/141	233/183	266/200
		m³/min	7/6		8/6	11/8.5	14/11	16/12
Sound level (H/L)		dB(A)	35/32			38/33	39/34	40/35
Dimensions (HxWxD)	FXLQ	mm	600×1,000×222		600×1,140×222		600×1,420×222	
	FXNQ		610×930×220		610×1,070×220		610×1,350×220	
Machine weight	FXLQ	kg	25.0		30.0		36.0	
	FXNQ		19.0		23.0		27.0	
Piping connections	Liquid (Flare)	mm	φ6.4					φ9.5
	Gas (Flare)		φ12.7					φ15.9
	Drain		VP13 (External Dia, 18/Internal Dia, 13)					

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: (FXAQ-P) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
- (FXLQ-MA, FXNQ-MA) Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Residential indoor units with connection to BP units

Ceiling Mounted Cassette Type



MODEL		FCQ35BVE	FCQ50BVE	FCQ60BVE	FCQ71BVE
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Airflow rate (H)	m³/min (ℓ/s)	14.0 (233)	15.0 (250)	19.0 (317)	
Sound level (H/L)*	dB (A)	33/29		35/30	
Sound power level (H)	dB (A)	48		50	
Fan speed		2 steps			
Temperature control		Microcomputer control			
Dimensions (H×W×D)	mm	230×840×840			
Machine weight	kg	24			
Piping connections	Liquid (Flare)	mm	φ6.4		φ9.5
	Gas (Flare)		φ9.5	φ12.7	φ15.9
	Drain		I.D φ25×O.D φ32		
Heat insulation		Both liquid and gas pipes			
Panel (Option)	Model	BYC125K-W1			
	Colour	White			
	Dimensions (H×W×D)	mm	40×950×950		
	Weight	kg	5		

Note: \* For 220 V operation.

Ceiling Mounted Cassette (Compact Multi Flow) Type

600 x 600



MODEL		FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B
Power supply		1-phase, 220-240 V, 50 Hz			
Airflow rate (H)	m <sup>3</sup> /min (ℓ/s)	9.0 (150)	10.0 (167)	12.0 (200)	15.0 (250)
Sound 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
Fan speed		2 steps			
Temperature control		Microcomputer control			
Dimensions (H×W×D)	mm	286×575×575			
Machine weight		kg			
		17.5			
Piping connections	Liquid (Flare)	mm	φ6.4		
	Gas (Flare)		φ9.5		
	Drain		φ 12.7		
		VP20 (External Dia. 26/Internal Dia. 20)			
Heat insulation		Both liquid and gas pipes			
Panel (Option)	Model	BYFQ60B8W1			
	Colour	White			
	Dimensions (H×W×D)	mm	55×700×700		
	Weight	kg	2.7		

Note: \* Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

Ceiling Mounted Built-in Type



MODEL		FBQ60BV1	FBQ71BV1
Power supply		1-phase, 220-240 V, 50 Hz	
Airflow rate (H)	m <sup>3</sup> /min (ℓ/s)	17.0 (283)	19.0 (317)
Sound level (H/L)*	dB (A)	41/35	
Sound power level (H)	dB (A)	60	
Fan speed		2 steps	
Temperature control		Microcomputer control	
Dimensions (H×W×D)	mm	300×1,000×800	
Machine weight		41	
Piping connections	Liquid (Flare)	φ6.4	φ9.5
	Gas (Flare)	φ12.7	φ15.9
	Drain	I.D φ25×O.D φ32	
Heat insulation		Both liquid and gas pipes	
Panel (Option)	Model	BYBS71DJW1	
	Colour	White	
	Dimensions (H×W×D)	55×1,100×500	
	Weight	4.5	

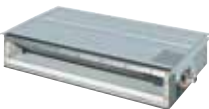
Note: \* For 220 V operation.

Ceiling Suspended Type



MODEL			FHQ35BVV1B	FHQ50BVV1B	FHQ60BVV1B
Power supply			1 phase, 220-240 V, 50 Hz		
Front panel colour			White		
Airflow rate (H)	Cooling	m³/min (ℓ/s)	13.0 (217)		17.0 (283)
	Heating		13.0 (217)		16.0 (267)
Sound level (H/L)		dB (A)	37/32	38/33	39/33
Sound power level (H/L)		dB (A)	53/48	54/49	55/49
Fan speed			2 steps		
Temperature control			Microcomputer control		
Dimensions (H×W×D)		mm	195×960×680		195×1,160×680
Machine weight		kg	24	25	27
Piping connections	Liquid (Flare)	mm	ϕ6.4		
	Gas (Flare)		ϕ9.5	ϕ12.7	
	Drain		VP 20 (External Dia. 26/Internal Dia. 20)		
Heat insulation			Both liquid and gas pipes		

Slim Ceiling Mounted Duct Type



MODEL		Cooling Only	CDKS25EAVMA	CDKS35EAVMA	CDKS25CVMA	CDKS35CVMA	CDKS50CVMA	CDKS60CVMA
		Heat Pump	CDXS25EAVMA	CDXS35EAVMA	FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz					
Airflow rate (H)	m <sup>3</sup> /min (ℓ/s)	8.7 (145)		9.5 (158)	10.0 (167)	12.0 (200)	16.0 (267)	
Sound level (H/L/SL)*	dB (A)	35/31/29				37/33/31	38/34/32	
Sound power (H/L/SL)*	dB (A)	53				55	56	
Fan speed			5 steps, quiet and automatic					
Temperature control			Microcomputer control					
Dimensions (H×W×D)	mm	200×700×620		200×900×620			200×1,100×620	
Machine weight		kg	21		25		27	30
Piping connections	Liquid (Flare)	mm	ϕ6.4					
	Gas (Flare)		ϕ9.5			ϕ12.7	ϕ15.9	
	Drain		VP20 (External Dia. 26/Internal Dia. 20)					
Heat insulation			Both liquid and gas pipes					
External static pressure		Pa	30		40			

Note: \* The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for FDKS-EA and 40 Pa for FDKS-C. Sound level values for bottom-suction operation can be obtained by adding 6 dB (A) for FDKS-EA and 5 dB (A) for FDKS-C.



Residential indoor units with connection to BP units

Wall Mounted Type



MODEL		Cooling Only	FTKS20KVMA	FTKS25KVMA	FTKS35KVMA	FTKS50KAVMA	FTKS60KAVMA	FTKS71KAVMA
		Heat Pump	FTXS20KVMA	FTXS25KVMA	FTXS35KVMA	FTXS50KAVMA	FTXS60KAVMA	FTXS71KAVMA
Power supply			1-phase, 220-240 V/220 V, 50/60 Hz					
Front panel colour			White					
Airflow rate (H)	Cooling	m <sup>3</sup> /min(ℓ/s)	9.7 (161)	11.3 (188)	14.7 (245)	16.2 (270)	17.4 (290)	
	Heating*		10.5 (175)	11.5 (191)	16.2 (270)	17.4 (290)	21.5 (358)	
Sound level (H/L/SL)	Cooling	dB (A)	38/25/22	42/26/23	44/35/32	45/36/33	46/37/34	
	Heating*		39/28/25	42/29/26	42/33/30	44/35/32	46/37/34	
Sound power (H)	Cooling	dB (A)	54	58	60	61	62	
	Heating*		55	58	60	61	62	
Fan speed			5 steps, quiet and automatic					
Temperature control			Microcomputer control					
Dimensions (H×W×D)		mm	295×800×215			290×1,050×250		
Machine weight		kg	9	10	12			
Piping connections	Liquid (Flare)	mm	φ6.4					
	Gas (Flare)		φ9.5		φ12.7		φ15.9	
	Drain		I.D. φ14.0/O.D. φ18.0			φ18.0		
Heat insulation			Both liquid and gas pipes					

Note: \* For Heat Pump type only.

Floor Standing Type



MODEL	Heat Pump		FVXS25KV1A	FVXS35KV1A	FVXS50KV1A
Power supply			1 phase, 220-240 V, 50 Hz		
Front panel colour			White		
Airflow rate (H)	Cooling	m <sup>3</sup> /min(ℓ/s)	8.2 (137)	8.5 (142)	10.7 (178)
	Heating		8.8 (147)	9.4 (157)	11.8 (197)
Sound level (H/L/SL)	Cooling	dB (A)	38/26/23	39/27/24	44/36/32
	Heating		38/26/23	39/27/24	45/36/32
Sound power (H)	Cooling	dB (A)	47	48	53
	Heating		47	48	54
Fan speed			5 steps, quiet and automatic		
Temperature control			Microcomputer control		
Dimensions (H×W×D)		mm	600 x 700 x 210		
Machine weight		kg	14		
Piping connections	Liquid (Flare)	mm	φ6.4		
	Gas (Flare)		φ9.5	φ12.7	
	Drain		φ20.0		
Heat insulation			Both liquid and gas pipes		

Floor/Ceiling Suspended Dual Type



MODEL	Heat Pump		FLXS25BVMA	FLXS35GVMA	FLXS50GVMA	FLXS60GVMA
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz			
Front panel colour			Almond white			
Airflow rate (H)	Cooling	m³/min(ℓ/s)	7.6 (126)	8.6 (143)	11.4 (190)	12.0 (200)
	Heating		9.2 (153)	9.8 (163)	12.1 (202)	12.8 (213)
Sound level (H/L/SL)	Cooling	dB (A)	37/31/28	38/32/29	47/39/36	48/41/39
	Heating		37/31/29	39/33/30	46/35/33	47/37/34
Sound power (H)	Cooling	dB (A)	53	54	63	64
	Heating		53	55	62	63
Fan speed			5 steps, quiet and automatic			
Temperature control			Microcomputer control			
Dimensions (HxWxD)		mm	490 x 1,050 x 200			
Machine weight		kg	16	17		
Piping connections	Liquid (Flare)	mm	φ6.4			
	Gas (Flare)		φ9.5	φ12.7		
	Drain		φ18.0			
Heat insulation			Both liquid and gas pipes			

BP Units for connection to residential indoor units



MODEL				BPMKS967A3		BPMKS967A2	
Power supply				1-phase, 220-240 V/220-230 V, 50/60 Hz			
Power consumption			W	10			
Running current			A	0.05			
Dimensions (H×W×D)			mm	180×294 (+356")×350			
Machine weight			kg	8		7.5	
Number of wiring connections				3 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 4 for interunit wiring (BP-indoor unit)			
Piping connections (Brazing)	Liquid	Main	mm	φ9.5×1			
		Branch		φ6.4×3		φ6.4×2	
	Gas	Main	mm	φ19.1×1			
		Branch		φ15.9×3		φ15.9×2	
Heat insulation				Both liquid and gas pipes			
Connectable indoor units				2.5 kW class to 7.1 kW class			
Min. rated capacity of connectable indoor units			kW	2.0			
Max. rated capacity of connectable indoor units			kW	20.8		14.2	

Note: \* Total auxiliary piping length.

Outdoor Units

Cooling Only

High-COP Type

MODEL			RXQ12THY1A	RXQ14THY1A	RXQ16THY1A	RXQ18THY1A	RXQ20THY1A	RXQ22THY1A	RXQ24THY1A		RXQ26THY1A	RXQ28THY1A	RXQ30THY1A	RXQ32THY1A	RXQ34THY1A	RXQ36THY1A	RXQ38THY1A	RXQ40THY1A
Combination units			RXQ6TY1A	RXQ6TY1A	RXQ8TY1A	RXQ6TY1A	RXQ6TY1A	RXQ6TY1A	RXQ8TY1A		RXQ8TY1A	RXQ8TY1A	RXQ8TY1A	RXQ8TY1A	RXQ8TY1A	RXQ8TY1A	RXQ12TY1A	RXQ12TY1A
			RXQ8TY1A	RXQ8TY1A	RXQ8TY1A	RXQ6TY1A	RXQ6TY1A	RXQ6TY1A	RXQ8TY1A		RXQ8TY1A	RXQ8TY1A	RXQ10TY1A	RXQ12TY1A	RXQ12TY1A	RXQ14TY1A	RXQ12TY1A	RXQ14TY1A
			—	—	—	RXQ6TY1A	RXQ8TY1A	RXQ8TY1A	RXQ8TY1A		RXQ10TY1A	RXQ12TY1A	RXQ12TY1A	RXQ12TY1A	RXQ14TY1A	RXQ14TY1A	RXQ14TY1A	RXQ14TY1A
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz								3-phase 4-wire system, 380–415 V, 50 Hz							
Cooling capacity		kcal/h	27,500	33,000	38,500	41,300	46,800	52,300	57,800		62,600	67,300	72,200	76,900	82,500	87,700	92,000	98,000
		Btu/h	109,000	131,000	153,000	164,000	186,000	207,000	229,000		248,000	267,000	286,000	305,000	327,000	348,000	365,000	389,000
		kW	32.0	38.4	44.8	48.0	54.4	60.8	67.2		72.8	78.3	83.9	89.4	95.9	102	107	114
Power consumption	Cooling	kW	7.26	8.84	10.4	10.9	12.5	14.1	15.6		17.7	19.4	21.5	23.2	25.1	27.0	28.9	30.8
Capacity control		%	10-100	10-100	10-100	7-100	7-100	7-100	7-100		6-100	6-100	5-100	5-100	5-100	4-100	4-100	4-100
Casing colour			Ivory white (5Y7.5/1)								Ivory white (5Y7.5/1)							
Compressor	Type		Hermetically Sealed Scroll Type								Hermetically Sealed Scroll Type							
	Motor output	kW	(2.4X1)+ (2.4X1)	(2.4X1)+ (3.4X1)	(3.4X1)+ (3.4X1)	(2.4X1)+ (2.4X1)	(2.4X1)+ (2.4X1)	(3.4X1)+ (3.4X1)	(3.4X1)+ (3.4X1)		(3.4X1)+ (4.1X1)	(3.4X1)+ (5.2X1)	(3.4X1)+ (4.1X1)	(5.2X1)+ (5.2X1)	(3.4X1)+(5.2X1)+ (2.9X1)+(3.3X1)	(3.4X1)+(2.9X1)+ (3.3X1)+(2.9X1)+ (3.3X1)+	(5.2X1)+(5.2X1)+ (2.9X1)+(3.3X1)	(5.2X1)+(2.9X1)+ (3.3X1)+(2.9X1)+ (3.3X1)+
Airflow rate		ℓ/s	1,983+1,983	1,983+2,616	2,616+2,616	1,983+1,983+1,983	1,983+1,983+2,616	1,983+2,616+2,616	2,616+2,616+2,616		2,616+2,616+2,749	2,616+2,616+2,966	2,616+2,749+2,966	2,616+2,966+2,966	2,616+2,966+3,883	2,616+3,883+3,883	2,966+2,966+3,883	2,966+3,883+3,883
		m³/min	119+119	119+157	157+157	119+119+119	119+119+157	119+157+157	157+157+157		157+157+165	157+157+178	157+165+178	157+178+178	157+178+233	157+233+233	178+178+233	178+233+233
Dimensions (HxWxD)		mm	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)		(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x930x765)	(1,657x930x765)+(1,657x930x765)+ (1,657x1,240x765)	(1,657x930x765)+(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x930x765)+(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x930x765)+(1,657x1,240x765)+ (1,657x1,240x765)
Machine weight		kg	185+185	185+185	185+185	185+185+185	185+185+185	185+185+185	185+185+185		185+185+195	185+185+195	185+185+195	185+185+195	185+195+285	185+285+285	195+195+285	195+285+285
Sound level		dB(A)	58	59	59	60	60	60	61		61	62	62	63	63	64	64	64
Sound power		dB(A)	78	79	79	80	80	80	81		82	82	83	83	83	84	84	84
Operation range		Cooling °CDB	-5 to 43								-5 to 43							
Refrigerant	Type		R-410A								R-410A							
	Charge	kg	5.9+5.9	5.9+5.9	5.9+5.9	5.9+5.9+5.9	5.9+5.9+5.9	5.9+5.9+5.9	5.9+5.9+5.9		5.9+5.9+6.0	5.9+5.9+6.3	5.9+6.0+6.3	5.9+6.3+6.3	5.9+6.3+10.3	5.9+10.3+10.3	6.3+6.3+10.3	6.3+10.3+10.3
Piping connections	Liquid	mm	φ 12.7(Brazing)	φ 12.7(Brazing)	φ 12.7(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)		φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)
	Gas	mm	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 34.9(Brazing)		φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)

MODEL			RXQ42THY1A	RXQ44THY1A	RXQ46THY1A	RXQ48THY1A	RXQ50THY1A
Combination units			RXQ14TY1A	RXQ14TY1A	RXQ14TY1A	RXQ16TY1A	RXQ16TY1A
			RXQ14TY1A	RXQ14TY1A	RXQ16TY1A	RXQ16TY1A	RXQ16TY1A
			RXQ14TY1A	RXQ16TY1A	RXQ16TY1A	RXQ16TY1A	RXQ18TY1A
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz				
Cooling capacity		kcal/h	103,000	108,000	112,000	116,000	120,000
		Btu/h	409,000	427,000	444,000	461,000	478,000
		kW	120	125	130	135	140
Power consumption	Cooling	kW	32.7	34.8	36.9	39.0	41.4
Capacity control		%	4-100	3-100	3-100	3-100	3-100
Casing colour			Ivory white (5Y7.5/1)				
Compressor	Type		Hermetically Sealed Scroll Type				
	Motor output	kW	(2.9X1)+(3.3X1)+ (2.9X1)+(3.3X1)+ (2.9X1)+(3.3X1)	(2.9X1)+(3.3X1)+ (2.9X1)+(3.3X1)+ (3.6X1)+(3.7X1)	(2.9X1)+(3.3X1)+ (3.6X1)+(3.7X1)+ (3.6X1)+(3.7X1)	(3.6X1)+(3.7X1)+ (3.6X1)+(3.7X1)+ (3.6X1)+(3.7X1)	(3.6X1)+(3.7X1)+ (3.6X1)+(3.7X1)+ (4.4X1)+(4.0X1)
Airflow rate		ℓ/s	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883
		m³/min	233+233+233	233+233+233	233+233+233	233+233+233	233+233+233
Dimensions (HxWxD)		mm	(1,657x1,240x765)+(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+ (1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+ (1,657x1,240x765)
Machine weight		kg	285+285+285	285+285+285	285+285+285	285+285+285	285+285+285
Sound level		dB(A)	65	65	65	66	66
Sound power		dB(A)	85	86	87	88	88
Operation range		Cooling °CDB	-5 to 43				
Refrigerant	Type		R-410A				
	Charge	kg	10.3+10.3+10.3	10.3+10.3+10.4	10.3+10.4+10.4	10.4+10.4+10.4	10.4+10.4+10.5
Piping connections	Liquid	mm	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)
	Gas	mm	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)

Note: Specifications are based on the following conditions;  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.  
•Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.



Outdoor Units

Cooling Only

Standard Type

MODEL			RXQ6TY1A	RXQ8TY1A	RXQ10TY1A	RXQ12TY1A	RXQ14TY1A	RXQ16TY1A		RXQ18TNY1A	RXQ20TNY1A	RXQ22TNY1A	RXQ24TNY1A	RXQ26TNY1A	RXQ28TNY1A	RXQ30TNY1A	RXQ32TNY1A
Combination units			—	—	—	—	—	—		RXQ8TY1A	RXQ8TY1A	RXQ8TY1A	RXQ10TY1A	RXQ12TY1A	RXQ14TY1A	RXQ14TY1A	RXQ14TY1A
										RXQ10TY1A	RXQ12TY1A	RXQ14TY1A	RXQ14TY1A	RXQ14TY1A	RXQ14TY1A	RXQ16TY1A	RXQ18TY1A
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz								3-phase 4-wire system, 380–415 V, 50 Hz						
Cooling capacity		kcal/h	13,800	19,300	24,100	28,800	34,400	38,700		43,300	48,100	53,700	58,500	63,200	68,800	73,100	77,400
		Btu/h	54,600	76,400	95,500	114,000	136,000	154,000		172,000	191,000	213,000	232,000	251,000	273,000	290,000	307,000
		kW	16.0	22.4	28.0	33.5	40.0	45.0		50.4	55.9	62.4	68.0	73.5	80.0	85.0	90.0
Power consumption	Cooling	kW	3.63	5.21	7.29	9.01	10.9	13.0		12.5	14.2	16.1	18.2	19.9	21.8	23.9	26.3
Capacity control		%	20-100	20-100	16-100	15-100	11-100	10-100		8-100	8-100	7-100	6-100	6-100	5-100	5-100	5-100
Casing colour			Ivory white (5Y7.5/1)								Ivory white (5Y7.5/1)						
Compressor	Type		Hermetically Sealed Scroll Type								Hermetically Sealed Scroll Type						
	Motor output	kW	2.4X1	3.4X1	4.1X1	5.2X1	(2.9X1)+(3.3X1)	(3.6X1)+(3.7X1)		(3.4X1)+(4.1X1)	(3.4X1)+(5.2X1)	(3.4X1)+(2.9X1)+(3.3X1)	(4.1X1)+(2.9X1)+(3.3X1)	(5.2X1)+(2.9X1)+(3.3X1)	(2.9X1)+(3.3X1)+(2.9X1)+(3.3X1)	(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)	(2.9X1)+(3.3X1)+(4.4X1)+(4.0X1)
Airflow rate		ℓ/s	1,983	2,616	2,749	2,966	3,883	3,883		2,616+2,749	2,616+2,966	2,616+3,883	2,749+3,883	2,966+3,883	3,883+3,883	3,883+3,883	3,883+3,883
		m³/min	119	157	165	178	233	233		157+165	157+178	157+233	165+233	178+233	233+233	233+233	233+233
Dimensions (HxWxD)		mm	1,657X930X765	1,657X930X765	1,657X930X765	1,657X930X765	1,657X1,240X765	1,657X1,240X765		(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)
Machine weight		kg	185	185	195	195	285	285		185+195	185+195	185+285	195+285	195+285	285+285	285+285	285+285
Sound level		dB(A)	55	56	57	59	60	61		60	61	61	62	63	63	64	64
Sound power		dB(A)	75	76	78	79	80	83		80	81	81	82	83	83	85	85
Operation range		Cooling	-5 to 43								-5 to 43						
Refrigerant	Type		R-410A								R-410A						
	Charge	kg	5.9	5.9	6.0	6.3	10.3	10.4		5.9+6.0	5.9+6.3	5.9+10.3	6.0+10.3	6.3+10.3	10.3+10.3	10.3+10.4	10.3+10.5
Piping connections	Liquid	mm	φ9.5(Brazing)			φ12.7(Brazing)				φ15.9(Brazing)	φ15.9(Brazing)	φ15.9(Brazing)	φ15.9(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)
	Gas	mm	φ19.1(Brazing)			φ22.2(Brazing)		φ28.6(Brazing)			φ28.6(Brazing)	φ28.6(Brazing)	φ28.6(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)

MODEL			RXQ34TNY1A	RXQ36TNY1A	RXQ38TNY1A	RXQ40TNY1A	RXQ42TNY1A	RXQ44TNY1A		RXQ46TNY1A	RXQ48TNY1A	RXQ50TNY1A	RXQ52TNY1A	RXQ54TNY1A	RXQ56TNY1A	RXQ58TNY1A	RXQ60THY1A		
Combination units			RXQ10TY1A	RXQ12TY1A	RXQ8TY1A	RXQ12TY1A	RXQ12TY1A	RXQ12TY1A		RXQ14TY1A	RXQ14TY1A	RXQ14TY1A	RXQ16TY1A	RXQ18TY1A	RXQ18TY1A	RXQ18TY1A	RXQ20TY1A	RXQ20TY1A	
			RXQ12TY1A	RXQ12TY1A	RXQ12TY1A	RXQ12TY1A	RXQ14TY1A	RXQ14TY1A	RXQ16TY1A		RXQ14TY1A	RXQ16TY1A	RXQ18TY1A	RXQ18TY1A	RXQ18TY1A	RXQ20TY1A	RXQ20TY1A	RXQ20TY1A	
			RXQ12TY1A	RXQ12TY1A	RXQ18TY1A	RXQ16TY1A	RXQ16TY1A	RXQ16TY1A		RXQ18TY1A	RXQ18TY1A	RXQ18TY1A	RXQ18TY1A	RXQ18TY1A	RXQ20TY1A	RXQ20TY1A	RXQ20TY1A		
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz								3-phase 4-wire system, 380–415 V, 50 Hz								
Cooling capacity			kcal/h	81,700	86,900	91,200	96,300	102,000	107,000		112,000	116,000	120,000	125,000	129,000	134,000	139,000	144,000	
			Btu/h	324,000	345,000	362,000	382,000	406,000	423,000		444,000	461,000	478,000	495,000	512,000	532,000	553,000	573,000	
			kW	95.0	101	106	112	119	124		130	135	140	145	150	156	162	168	
Power consumption	Cooling	kW	25.3	27.0	29.6	31.0	32.9	35.0		37.2	39.3	41.7	43.8	46.2	48.8	51.4	54.0		
Capacity control			%	5-100	5-100	4-100	4-100	4-100		3-100	3-100	3-100	3-100	3-100	3-100	3-100	3-100		
Casing colour			Ivory white (5Y7.5/1)								Ivory white (5Y7.5/1)								
Compressor			Type	Hermetically Sealed Scroll Type								Hermetically Sealed Scroll Type							
			Motor output	kW	(4.1X1)+(5.2X1)+(5.2X1)	(5.2X1)+(5.2X1)+(5.2X1)	(3.4X1)+(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(5.2X1)+(3.6X1)+(3.7X1)	(5.2X1)+(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)	(5.2X1)+(3.6X1)+(3.7X1)		(2.9X1)+(3.3X1)+(2.9X1)+(3.3X1)+(4.4X1)+(4.0X1)	(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(2.9X1)+(3.3X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)+(4.6X1)+(5.5X1)
Airflow rate			ℓ/s	2,749+2,966+2,966	2,966+2,966+2,966	2,616+2,966+3,883	2,966+2,966+3,883	2,966+3,883+3,883	2,966+3,883+3,883		3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+4,466	3,883+4,466+4,466	4,466+4,466+4,466	
			m³/min	165+178+178	178+178+178	157+178+233	178+178+233	178+233+233	178+233+233		233+233+233	233+233+233	233+233+233	233+233+233	233+233+233	233+233+268	233+268+268	268+268+268	
Dimensions (H×W×D)			mm	(1,657X930X765)+(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)		(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)		
Machine weight			kg	195+195+195	195+195+195	185+195+285	195+195+285	195+285+285	195+285+285		285+285+285	285+285+285	285+285+285	285+285+285	285+285+320	285+320+320	320+320+320		
Sound level			dB(A)	63	64	64	65	65	65		66	66	66	66	67	68	69	70	
Sound power			dB(A)	83	84	86	86	86	87		87	87	88	88	89	90	91	92	
Operation range	Cooling	°CDB	-5 to 43								-5 to 43								
Refrigerant	Type	R-410A								R-410A									
	Charge	kg	6.0+6.3+6.3	6.3+6.3+6.3	5.9+6.3+10.5	6.3+6.3+10.4	6.3+10.3+10.4	6.3+10.4+10.4		10.3+10.3+10.5	10.3+10.4+10.5	10.3+10.5+10.5	10.4+10.5+10.5	10.5+10.5+10.5	10.5+10.5+11.8	10.5+11.8+11.8	11.8+11.8+11.8		
Piping connections	Liquid	mm	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)		φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)		
	Gas	mm	φ34.9(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)		φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)		

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

Cooling Only

Space Saving Type

MODEL			RXQ18TY1A		RXQ20TY1A		RXQ22TSY1A		RXQ24TSY1A		RXQ26TSY1A				RXQ28TSY1A		RXQ30TSY1A		RXQ32TSY1A		RXQ34TSY1A		RXQ36TSY1A		RXQ38TSY1A		RXQ40TSY1A					
Combination units			—		—		RXQ10TY1A		RXQ12TY1A		RXQ8TY1A				RXQ12TY1A		RXQ12TY1A		RXQ12TY1A		RXQ16TY1A		RXQ18TY1A		RXQ18TY1A		RXQ20TY1A					
							RXQ12TY1A		RXQ12TY1A		RXQ18TY1A				RXQ16TY1A		RXQ18TY1A		RXQ20TY1A		RXQ18TY1A		RXQ20TY1A									
Power supply			3-phase 4-wire system, 380—415 V, 50 Hz														3-phase 4-wire system, 380—415 V, 50 Hz															
Cooling capacity			kcal/h	43,000	48,200	52,900	57,600	62,300								67,500	71,800	77,000	81,700	86,000	91,200	96,300										
			Btu/h	171,000	191,000	210,000	229,000	247,000								268,000	285,000	305,000	324,000	341,000	362,000	382,000										
Power consumption			Cooling	kW	50.0	56.0	61.5	67.0	72.4								78.5	83.5	89.5	95.0	100	106	112									
				kW	15.4	18.0	16.3	18.0	20.6								22.0	24.4	27.0	28.4	30.8	33.4	36.0									
Capacity control				%	10-100	8-100	8-100	8-100	7-100								6-100	6-100	5-100	5-100	5-100	4-100	4-100									
Casing colour			Ivory white (5Y7.5/1)														Ivory white (5Y7.5/1)															
Compressor			Type		Hermetically Sealed Scroll Type														Hermetically Sealed Scroll Type													
			Motor output	kW	(4.4X1)+(4.0X1)	(4.6X1)+(5.5X1)	(4.1X1)+(5.2X1)	(5.2X1)+(5.2X1)	(3.4X1)+(4.4X1)+(4.0X1)								(5.2X1)+(3.6X1)+(3.7X1)	(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.6X1)+(5.5X1)	(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)+(4.6X1)+(5.5X1)									
Airflow rate					ℓ/s	3,883	4,466	2,749+2,966	2,966+2,966	2,616+3,883								2,966+3,883	2,966+3,883	2,966+4,466	3,883+3,883	3,883+3,883	3,883+4,466	4,466+4,466								
					m³/min	233	268	165+178	178+178	157+233								178+233	178+233	178+268	233+233	233+233	233+268	268+268								
Dimensions (HxWxD)			mm		1,657X1,240X765	1,657X1,240X765	(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X1,240X765)								(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)								
Machine weight			kg		285	320	195+195	195+195	185+285								195+285	195+285	195+320	285+285	285+285	285+320	320+320									
Sound level			dB(A)		62	65	61	62	63								63	64	66	65	65	67	68									
Sound power			dB(A)		84	87	82	82	85								84	85	88	87	87	89	90									
Operation range			Cooling	°CDB	-5 to 43																											
Refrigerant			Type		R-410A																											
			Charge	kg	10.5	11.8	6.0+6.3	6.3+6.3	5.9+10.5								6.3+10.4	6.3+10.5	6.3+11.8	10.4+10.5	10.5+10.5	10.5+11.8	11.8+11.8									
Piping connections			Liquid	mm	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 19.1(Brazing)								φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)									
			Gas	mm	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)								φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)									

MODEL			RXQ42TSY1A	RXQ44TSY1A	RXQ46TSY1A	RXQ48TSY1A	RXQ50TSY1A
Combination units			RXQ12TY1A	RXQ12TY1A	RXQ12TY1A	RXQ12TY1A	RXQ12TY1A
			RXQ12TY1A	RXQ12TY1A	RXQ16TY1A	RXQ18TY1A	RXQ18TY1A
			RXQ18TY1A	RXQ20TY1A	RXQ18TY1A	RXQ18TY1A	RXQ20TY1A
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz				
Cooling capacity		kcal/h	101,000	106,000	111,000	115,000	120,000
		Btu/h	399,000	420,000	440,000	457,000	478,000
		kW	117	123	129	134	140
Power consumption	Cooling	kW	33.4	36.0	37.4	39.8	42.4
Capacity control		%	4-100	4-100	4-100	4-100	3-100
Casing colour			Ivory white (5Y7.5/1)				
Compressor	Type		Hermetically Sealed Scroll Type				
	Motor output	kW	(5.2X1)+(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(5.2X1)+(4.6X1)+(5.5X1)	(5.2X1)+(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)
Airflow rate		ℓ/s	2,966+2,966+3,883	2,966+2,966+4,466	2,966+3,883+3,883	2,966+3,883+3,883	2,966+3,883+4,466
		m³/min	178+178+233	178+178+268	178+233+233	178+233+233	178+233+268
Dimensions (HxWxD)		mm	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)
Machine weight		kg	195+195+285	195+195+320	195+285+285	195+285+285	195+285+320
Sound level		dB(A)	65	67	66	66	67
Sound power		dB(A)	86	88	87	88	89
Operation range	Cooling	°CDB	-5 to 43				
	Type		R-410				
Refrigerant	Charge	kg	6.3+6.3+10.5	6.3+6.3+11.8	6.3+10.4+10.5	6.3+10.5+10.5	6.3+10.5+11.8
	Liquid	mm	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)
Piping connections	Gas	mm	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)

Note: Specifications are based on the following conditions;  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.  
•Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.



Outdoor Units

Heat Pump

High-COP Type

MODEL			RXYQ12THY1A	RXYQ14THY1A	RXYQ16THY1A	RXYQ18THY1A	RXYQ20THY1A	RXYQ22THY1A	RXYQ24THY1A				RXYQ26THY1A	RXYQ28THY1A	RXYQ30THY1A	RXYQ32THY1A	RXYQ34THY1A	RXYQ36THY1A	RXYQ38THY1A	RXYQ40THY1A
Combination units			RXYQ6TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ6TY1A	RXYQ6TY1A	RXYQ6TY1A	RXYQ8TY1A				RXYQ8TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ12TY1A	RXYQ12TY1A
			RXYQ6TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ6TY1A	RXYQ6TY1A	RXYQ8TY1A	RXYQ8TY1A				RXYQ8TY1A	RXYQ8TY1A	RXYQ10TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ14TY1A	RXYQ14TY1A	RXYQ14TY1A
			—	—	—	RXYQ6TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ8TY1A				RXYQ10TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ14TY1A	RXYQ14TY1A	RXYQ14TY1A	RXYQ14TY1A
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz									3-phase 4-wire system, 380–415 V, 50 Hz								
Cooling capacity		kcal/h	27,500	33,000	38,500	41,300	46,800	52,300	57,800				62,600	67,300	72,200	76,900	82,500	87,700	92,000	98,000
		Btu/h	109,000	131,000	153,000	164,000	186,000	207,000	229,000				248,000	267,000	286,000	305,000	327,000	348,000	365,000	389,000
		kW	32.0	38.4	44.8	48.0	54.4	60.8	67.2				72.8	78.3	83.9	89.4	95.9	102	107	114
Heating capacity		kcal/h	31,000	37,000	43,000	46,400	52,500	58,500	64,500				70,100	75,300	80,800	86,000	92,900	98,900	103,000	110,000
		Btu/h	123,000	147,000	171,000	184,000	208,000	232,000	256,000				278,000	299,000	321,000	341,000	368,000	392,000	409,000	437,000
		kW	36.0	43.0	50.0	54.0	61.0	68.0	75.0				81.5	87.5	94.0	100	108	115	120	128
Power consumption	Cooling	kW	7.26	8.84	10.4	10.9	12.5	14.1	15.6				17.7	19.4	21.5	23.2	25.1	27.0	28.9	30.8
	Heating	kW	7.98	9.68	11.4	12.0	13.7	15.4	17.1				18.7	20.4	22.0	23.8	25.9	27.9	29.2	31.3
Capacity control		%	10-100	10-100	10-100	7-100	7-100	7-100	7-100				6-100	6-100	5-100	5-100	5-100	4-100	4-100	4-100
Casing colour			Ivory white (5Y7.5/1)									Ivory white (5Y7.5/1)								
Compressor	Type		Hermetically Sealed Scroll Type									Hermetically Sealed Scroll Type								
	Motor output	kW	(2.4x1)+(2.4x1)	(2.4x1)+(3.4x1)	(3.4x1)+(3.4x1)	(2.4x1)+(2.4x1)	(2.4x1)+(2.4x1)	(2.4x1)+(3.4x1)	(3.4x1)+(3.4x1)				(3.4x1)+(3.4x1)	(3.4x1)+(3.4x1)	(3.4x1)+(4.1x1)	(3.4x1)+(5.2x1)	(3.4x1)+(5.2x1)+(2.9x1)+(3.3x1)	(3.4x1)+(2.9x1)+(3.3x1)+(2.9x1)+(3.3x1)	(5.2x1)+(5.2x1)+(2.9x1)+(3.3x1)	(5.2x1)+(2.9x1)+(3.3x1)+(3.3x1)+(3.3x1)+(3.3x1)
Airflow rate		ℓ/s	1,983+1,983	1,983+2,616	2,616+2,616	1,983+1,983+1,983	1,983+1,983+2,616	1,983+2,616+2,616	2,616+2,616+2,616				2,616+2,616+2,749	2,616+2,616+2,966	2,616+2,749+2,966	2,616+2,966+2,966	2,616+2,966+3,883	2,616+3,883+3,883	2,966+2,966+3,883	2,966+3,883+3,883
		m³/min	119+119	119+157	157+157	119+119+119	119+119+157	119+157+157	157+157+157				157+157+165	157+157+178	157+165+178	157+178+178	157+178+233	157+233+233	178+178+233	178+233+233
Dimensions (HxWxD)		mm	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)				(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x930x765)	(1,657x930x765)+(1,657x1,240x765)	(1,657x930x765)+(1,657x1,240x765)	(1,657x930x765)+(1,657x1,240x765)	(1,657x930x765)+(1,657x1,240x765)
Machine weight		kg	185+185	185+185	185+185	185+185+185	185+185+185	185+185+185	185+185+185				185+185+195	185+185+195	185+195+195	185+195+195	185+195+285	185+285+285	195+195+285	195+285+285
Sound level		dB(A)	58	59	59	60	60	60	61				61	62	62	63	63	64	64	64
Sound power		dB(A)	78	79	79	80	80	80	81				82	82	83	83	83	84	84	84
Operation range	Cooling	°CDB	-5 to 43									-5 to 43								
	Heating	°CWB	-20 to 15.5									-20 to 15.5								
Refrigerant	Type	kg	R-410A									R-410A								
	Charge		5.9+5.9	5.9+5.9	5.9+5.9	5.9+5.9+5.9	5.9+5.9+5.9	5.9+5.9+5.9	5.9+5.9+5.9				5.9+5.9+6.0	5.9+5.9+6.3	5.9+6.0+6.3	5.9+6.3+6.3	5.9+6.3+10.3	5.9+10.3+10.3	6.3+6.3+10.3	6.3+10.3+10.3
Piping connections	Liquid	mm	φ 12.7(Brazing)	φ 12.7(Brazing)	φ 12.7(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)				φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)
	Gas	mm	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 34.9(Brazing)				φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)

MODEL			RXYQ42THY1A	RXYQ44THY1A	RXYQ46THY1A	RXYQ48THY1A	RXYQ50THY1A
Combination units			RXYQ14TY1A	RXYQ14TY1A	RXYQ14TY1A	RXYQ16TY1A	RXYQ16TY1A
			RXYQ14TY1A	RXYQ14TY1A	RXYQ16TY1A	RXYQ16TY1A	RXYQ16TY1A
			RXYQ16TY1A	RXYQ16TY1A	RXYQ16TY1A	RXYQ16TY1A	RXYQ18TY1A
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz				
Cooling capacity		kcal/h	103,000	108,000	112,000	116,000	120,000
		Btu/h	409,000	427,000	444,000	461,000	478,000
		kW	120	125	130	135	140
Heating capacity		kcal/h	116,000	120,000	125,000	129,000	134,000
		Btu/h	461,000	478,000	495,000	512,000	532,000
		kW	135	140	145	150	156
Power consumption	Cooling	kW	32.7	34.8	36.9	39.0	41.4
	Heating	kW	33.3	35.0	36.7	38.4	40.7
Capacity control		%	4-100	3-100	3-100	3-100	3-100
Casing colour			Ivory white (5Y7.5/1)				
Compressor	Type		Hermetically Sealed Scroll Type				
	Motor output	kW	(2.9x1)+(3.3x1)+(2.9x1)+(3.3x1)+(2.9x1)+(3.3x1)	(2.9x1)+(3.3x1)+(2.9x1)+(3.3x1)+(3.6x1)+(3.7x1)	(2.9x1)+(3.3x1)+(3.6x1)+(3.7x1)+(3.6x1)+(3.7x1)	(3.6x1)+(3.7x1)+(3.6x1)+(3.7x1)+(3.6x1)+(3.7x1)	(3.6x1)+(3.7x1)+(3.6x1)+(3.7x1)+(4.4x1)+(4.0x1)
Airflow rate		ℓ/s	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883
		m³/min	233+233+233	233+233+233	233+233+233	233+233+233	233+233+233
Dimensions (HxWxD)		mm	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)
Machine weight		kg	285+285+285	285+285+285	285+285+285	285+285+285	285+285+300
Sound level		dB(A)	65	65	65	66	66
Sound power		dB(A)	85	86	87	88	88
Operation range	Cooling	°CDB	-5 to 43				
	Heating	°CWB	-20 to 15.5				
Refrigerant	Type		R-410A				
	Charge	kg	10.3+10.3+10.3	10.3+10.3+10.4	10.3+10.4+10.4	10.4+10.4+10.4	10.4+10.4+11.7
Piping connections	Liquid	mm	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)
	Gas	mm	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)

Note: Specifications are based on the following conditions;  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.  
•Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5m, Level difference: 0m.  
•Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

Heat Pump

Standard Type

MODEL			RXYQ6TY1A	RXYQ8TY1A	RXYQ10TY1A	RXYQ12TY1A	RXYQ14TY1A	RXYQ16TY1A		RXYQ18TNY1A	RXYQ20TNY1A	RXYQ22TNY1A	RXYQ24TNY1A	RXYQ26TNY1A	RXYQ28TNY1A	RXYQ30TNY1A	RXYQ32TNY1A
Combination units			—	—	—	—	—	—		RXYQ8TY1A	RXYQ8TY1A	RXYQ8TY1A	RXYQ10TY1A	RXYQ12TY1A	RXYQ14TY1A	RXYQ14TY1A	RXYQ14TY1A
Power supply			3-phase 4-wire system, 380—415 V, 50 Hz								3-phase 4-wire system, 380—415 V, 50 Hz						
Cooling capacity	kcal/h		13,800	19,300	24,100	28,800	34,400	38,700		43,300	48,100	53,700	58,500	63,200	68,800	73,100	77,400
	Btu/h		54,600	76,400	95,500	114,000	136,000	154,000		172,000	191,000	213,000	232,000	251,000	273,000	290,000	307,000
	kW		16.0	22.4	28.0	33.5	40.0	45.0		50.4	55.9	62.4	68.0	73.5	80.0	85.0	90.0
Heating capacity	kcal/h		15,500	21,500	27,100	32,300	38,700	43,000		48,600	53,800	60,200	65,800	71,000	77,400	81,700	86,900
	Btu/h		61,400	85,300	107,000	128,000	154,000	171,000		193,000	213,000	239,000	261,000	281,000	307,000	324,000	345,000
	kW		18.0	25.0	31.5	37.5	45.0	50.0		56.5	62.5	70.0	76.5	82.5	90.0	95.0	101
Power consumption	Cooling	kW	3.63	5.21	7.29	9.01	10.9	13.0		12.5	14.2	16.1	18.2	19.9	21.8	23.9	26.3
	Heating	kW	3.99	5.69	7.29	9.06	11.1	12.8		13.0	14.8	16.8	18.4	20.2	22.2	23.9	26.2
Capacity control		%	20-100	20-100	16-100	15-100	11-100	10-100		8-100	8-100	7-100	6-100	6-100	5-100	5-100	5-100
Casing colour			Ivory white (5Y7.5/1)								Ivory white (5Y7.5/1)						
Compressor	Type		Hermetically Sealed Scroll Type								Hermetically Sealed Scroll Type						
	Motor output	kW	2.4X1	3.4X1	4.1X1	5.2X1	(2.9X1)+(3.3X1)	(3.6X1)+(3.7X1)		(3.4X1)+ (4.1X1)	(3.4X1)+ (5.2X1)	(3.4X1)+ (2.9X1)+ (3.3X1)	(4.1X1)+ (2.9X1)+ (3.3X1)	(5.2X1)+ (2.9X1)+ (3.3X1)	(2.9X1)+(3.3X1)+ (2.9X1)	(2.9X1)+(3.3X1)+ (3.6X1)	(2.9X1)+(3.3X1)+ (4.4X1)
Airflow rate	ℓ/s		1,983	2,616	2,749	2,966	3,883	3,883		2,616+2,749	2,616+2,966	2,616+3,883	2,749+3,883	2,966+3,883	3,883+3,883	3,883+3,883	3,883+3,883
	m³/min		119	157	165	178	233	233		157+165	157+178	157+233	165+233	178+233	233+233	233+233	233+233
Dimensions (HxWxD)		mm	1,657X930X765	1,657X930X765	1,657X930X765	1,657X930X765	1,657X1,240X765	1,657X1,240X765		(1,657X930X765)+ (1,657X930X765)	(1,657X930X765)+ (1,657X930X765)	(1,657X930X765)+ (1,657X1,240X765)	(1,657X930X765)+ (1,657X1,240X765)	(1,657X930X765)+ (1,657X1,240X765)	(1,657X1,240X765)+ (1,657X1,240X765)	(1,657X1,240X765)+ (1,657X1,240X765)	(1,657X1,240X765)+ (1,657X1,240X765)
Machine weight		kg	185	185	195	195	285	285		185+195	185+195	185+285	195+285	195+285	285+285	285+285	285+300
Sound level		dB(A)	55	56	57	59	60	61		60	61	61	62	63	63	64	64
Sound power		dB(A)	75	76	78	79	80	83		80	81	81	82	83	83	85	85
Operation range	Cooling	°CDB	-5 to 43								-5 to 43						
	Heating	°CWB	-20 to 15.5								-20 to 15.5						
Refrigerant	Type		R-410A								R-410A						
	Charge	kg	5.9	5.9	6.0	6.3	10.3	10.4		5.9+6.0	5.9+6.3	5.9+10.3	6.0+10.3	6.3+10.3	10.3+10.3	10.3+10.4	10.3+11.7
Piping connections	Liquid	mm	φ9.5(Brazing)			φ12.7(Brazing)				φ5.9(Brazing)	φ15.9(Brazing)	φ15.9(Brazing)	φ15.9(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)
	Gas	mm	φ19.1(Brazing)			φ22.2(Brazing)				φ28.6(Brazing)	φ28.6(Brazing)	φ28.6(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)	φ34.9(Brazing)

MODEL			RXYQ34TNY1A	RXYQ36TNY1A	RXYQ38TNY1A	RXYQ40TNY1A	RXYQ42TNY1A	RXYQ44TNY1A		RXYQ46TNY1A	RXYQ48TNY1A	RXYQ50TNY1A	RXYQ52TNY1A	RXYQ54TNY1A	RXYQ56TNY1A	RXYQ58TNY1A	RXYQ60THY1A		
Combination units			RXYQ10TY1A	RXYQ12TY1A	RXYQ8TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A		RXYQ14TY1A	RXYQ14TY1A	RXYQ14TY1A	RXYQ16TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ20TY1A	RXYQ20TY1A	
			RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ16TY1A	RXYQ16TY1A		RXYQ14TY1A	RXYQ14TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ20TY1A	RXYQ20TY1A	RXYQ20TY1A	
			RXYQ12TY1A	RXYQ12TY1A	RXYQ18TY1A	RXYQ16TY1A	RXYQ16TY1A	RXYQ16TY1A	RXYQ16TY1A		RXYQ18TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ20TY1A	RXYQ20TY1A	RXYQ20TY1A	
Power supply			3-phase 4-wire system, 380–415 V, 50 Hz								3-phase 4-wire system, 380–415 V, 50 Hz								
Cooling capacity			kcal/h	81,700	86,900	91,200	96,300	102,000	107,000		112,000	116,000	120,000	125,000	129,000	134,000	139,000	144,000	
			Btu/h	324,000	345,000	362,000	382,000	406,000	423,000		444,000	461,000	478,000	495,000	512,000	532,000	553,000	573,000	
			kW	95.0	101	106	112	119	124		130	135	140	145	150	156	162	168	
Heating capacity			kcal/h	92,000	97,200	102,000	108,000	114,000	119,000		126,000	130,000	135,000	139,000	144,000	151,000	157,000	163,000	
			Btu/h	365,000	386,000	406,000	427,000	454,000	471,000		498,000	515,000	536,000	553,000	573,000	597,000	621,000	645,000	
			kW	107	113	119	125	133	138		146	151	157	162	168	175	182	189	
Power consumption		Cooling	kW	25.3	27.0	29.6	31.0	32.9	35.0		37.2	39.3	41.7	43.8	46.2	48.8	51.4	54.0	
		Heating	kW	25.4	27.2	29.9	30.9	33.0	34.7		37.3	39.0	41.3	43.0	45.3	47.7	50.1	52.5	
Capacity control			%	5-100	5-100	4-100	4-100	4-100	4-100		3-100	3-100	3-100	3-100	3-100	3-100	3-100	3-100	
Casing colour			Ivory white (5Y7.5/1)								Ivory white (5Y7.5/1)								
Compressor			Type	Hermetically Sealed Scroll Type								Hermetically Sealed Scroll Type							
			Motor output	kW	(4.1X1)+(5.2X1)+(5.2X1)	(5.2X1)+(5.2X1)+(5.2X1)	(3.4X1)+(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(5.2X1)+(3.6X1)+(3.7X1)	(5.2X1)+(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)	(5.2X1)+(3.6X1)+(3.7X1)+(3.7X1)		(2.9X1)+(3.3X1)+(2.9X1)+(3.3X1)+(4.4X1)+(4.0X1)	(2.9X1)+(3.3X1)+(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(2.9X1)+(3.3X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)+(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)+(4.6X1)+(5.5X1)	
Airflow rate			ℓ/s	2,749+2,966+2,966	2,966+2,966+2,966	2,616+2,966+3,883	2,966+2,966+3,883	2,966+3,883+3,883	2,966+3,883+3,883		3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+3,883	3,883+3,883+4,466	3,883+4,466+4,466	4,466+4,466+4,466	
			m³/min	165+178+178	178+178+178	157+178+233	178+178+233	178+233+233	178+233+233		233+233+233	233+233+233	233+233+233	233+233+233	233+233+233	233+233+233	233+233+268	233+268+268	268+268+268
Dimensions (HxWxD)			mm	(1,657X930X765)+(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)		(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)		
Machine weight			kg	195+195+195	195+195+195	185+195+300	195+195+285	195+285+285	195+285+285		285+285+300	285+285+300	285+300+300	285+300+300	300+300+300	300+300+320	300+320+320	320+320+320	
Sound level			dB(A)	63	64	64	65	65	65		66	66	66	66	67	68	69	70	
Sound power			dB(A)	83	84	86	86	86	87		87	87	88	88	89	90	91	92	
Operation range			Cooling	-5 to 43								-5 to 43							
			Heating	-20 to 15.5								-20 to 15.5							
Refrigerant			Type	R-410A								R-410A							
			Charge	kg	6.0+6.3+6.3	6.3+6.3+6.3	5.9+6.3+11.7	6.3+6.3+10.4	6.3+10.3+10.4	6.3+10.4+10.4		10.3+10.3+11.7	10.3+10.4+11.7	10.3+11.7+11.7	10.4+11.7+11.7	11.7+11.7+11.7	11.7+11.7+11.8	11.7+11.8+11.8	11.8+11.8+11.8
Piping connections			Liquid	mm	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)		φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	φ19.1(Brazing)	
			Gas	mm	φ34.9(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)		φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)	φ41.3(Brazing)



Outdoor Units

Heat Pump

Space Saving Type

MODEL			RXYQ18TY1A	RXYQ20TY1A	RXYQ22TSY1A	RXYQ24TSY1A	RXYQ26TSY1A		RXYQ28TSY1A	RXYQ30TSY1A	RXYQ32TSY1A	RXYQ34TSY1A	RXYQ36TSY1A	RXYQ38TSY1A	RXYQ40TSY1A	
Combination units			—	—	RXYQ10TY1A	RXYQ12TY1A	RXYQ8TY1A		RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ16TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ20TY1A	
					RXYQ12TY1A	RXYQ12TY1A	RXYQ18TY1A		RXYQ16TY1A	RXYQ18TY1A	RXYQ20TY1A	RXYQ18TY1A	RXYQ20TY1A	RXYQ20TY1A		
Power supply			3-phase 4-wire system, 380—415 V, 50 Hz							3-phase 4-wire system, 380—415 V, 50 Hz						
Cooling capacity			kcal/h	43,000	48,200	52,900	57,600	62,300		67,500	71,800	77,000	81,700	86,000	91,200	96,300
			Btu/h	171,000	191,000	210,000	229,000	247,000		268,000	285,000	305,000	324,000	341,000	362,000	382,000
			kW	50.0	56.0	61.5	67.0	72.4		78.5	83.5	89.5	95.0	100	106	112
Heating capacity			kcal/h	48,200	54,200	59,300	64,500	69,700		75,300	80,400	86,900	91,200	96,300	102,000	108,000
			Btu/h	191,000	215,000	235,000	256,000	276,000		299,000	319,000	345,000	362,000	382,000	406,000	430,000
			kW	56.0	63.0	69.0	75.0	81.0		87.5	93.5	101	106	112	119	126
Power consumption	Cooling	kW	15.4	18.0	16.3	18.0	20.6		22.0	24.4	27.0	28.4	30.8	33.4	36.0	
	Heating	kW	15.1	17.5	16.4	18.1	20.8		21.9	24.2	26.6	27.9	30.2	32.6	35.0	
Capacity control			%	10-100	8-100	8-100	8-100	7-100		6-100	6-100	5-100	5-100	4-100	4-100	
Casing colour			Ivory white (5Y7.5/1)							Ivory white (5Y7.5/1)						
Compressor	Type		Hermetically Sealed Scroll Type							Hermetically Sealed Scroll Type						
	Motor output	kW	(4.4X1)+(4.0X1)	(4.6X1)+(5.5X1)	(4.1X1)+(5.2X1)	(5.2X1)+(5.2X1)	(3.4X1)+(4.4X1)+(4.0X1)		(5.2X1)+(3.6X1)+(3.7X1)	(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.6X1)+(5.5X1)	(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	(4.6X1)+(5.5X1)+(4.6X1)+(5.5X1)	
Airflow rate			ℓ/s	3,883	4,466	2,749+2,966	2,966+2,966	2,616+3,883		2,966+3,883	2,966+3,883	2,966+4,466	3,883+3,883	3,883+3,883	3,883+4,466	4,466+4,466
			m³/min	233	268	165+178	178+178	157+233		178+233	178+233	178+268	233+233	233+233	233+268	268+268
Dimensions (H×W×D)			mm	1,657X1,240X765	1,657X1,240X765	(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X930X765)	(1,657X930X765)+(1,657X1,240X765)		(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)	(1,657X1,240X765)+(1,657X1,240X765)
Machine weight			kg	300	320	195+195	195+195	185+300		195+285	195+300	195+320	285+300	300+300	300+320	320+320
Sound level			dB(A)	62	65	61	62	63		63	64	66	65	65	67	68
Sound power			dB(A)	84	87	82	82	85		84	85	88	87	87	89	90
Operation range	Cooling	°CDB	-5 to 43							-5 to 43						
	Heating	°CWB	-20 to 15.5							-20 to 15.5						
Refrigerant	Type		R-410A							R-410A						
	Charge	kg	11.7	11.8	6.0+6.3	6.3+6.3	5.9+11.7		6.3+10.4	6.3+11.7	6.3+11.8	10.4+11.7	11.7+11.7	11.7+11.8	11.8+11.8	
Piping connections	Liquid	mm	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 15.9(Brazing)	φ 19.1(Brazing)		φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)
	Gas	mm	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 28.6(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)		φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 34.9(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)

MODEL			RXYQ42TSY1A	RXYQ44TSY1A	RXYQ46TSY1A	RXYQ48TSY1A	RXYQ50TSY1A	
Combination units			RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	RXYQ12TY1A	
			RXYQ12TY1A	RXYQ12TY1A	RXYQ16TY1A	RXYQ18TY1A	RXYQ18TY1A	
			RXYQ18TY1A	RXYQ20TY1A	RXYQ18TY1A	RXYQ18TY1A	RXYQ20TY1A	
Power supply			3-phase 4-wire system, 380—415 V, 50 Hz					
Cooling capacity			kcal/h	101,000	106,000	111,000	115,000	120,000
			Btu/h	399,000	420,000	440,000	457,000	478,000
			kW	117	123	129	134	140
Heating capacity			kcal/h	113,000	119,000	124,000	129,000	135,000
			Btu/h	447,000	471,000	491,000	512,000	536,000
			kW	131	138	144	150	157
Power consumption	Cooling	kW	33.4	36.0	37.4	39.8	42.4	
	Heating	kW	33.2	35.6	37.0	39.3	41.7	
Capacity control			%	4-100	4-100	4-100	3-100	
Casing colour			Ivory white (5Y7.5/1)					
Compressor	Type		Hermetically Sealed Scroll Type					
	Motor output	kW	(5.2X1)+(5.2X1)+(4.4X1)+(4.0X1)	(5.2X1)+(5.2X1)+(4.6X1)+(5.5X1)	(5.2X1)+(3.6X1)+(3.7X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.4X1)+(4.0X1)+(4.4X1)+(4.0X1)	(5.2X1)+(4.4X1)+(4.0X1)+(4.6X1)+(5.5X1)	
Airflow rate	ℓ/s		2,966+2,966+3,883	2,966+2,966+4,466	2,966+3,883+3,883	2,966+3,883+3,883	2,966+3,883+4,466	
	m³/min		178+178+233	178+178+268	178+233+233	178+233+233	178+233+268	
Dimensions (HxWxD)			(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X930X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)	
Machine weight			kg	195+195+300	195+195+320	195+285+300	195+300+300	
Sound level			dB(A)	65	67	66	67	
Sound power			dB(A)	86	88	87	89	
Operation range	Cooling	°CDB	-5 to 43					
	Heating	°CWB	-20 to 15.5					
Refrigerant	Type		R-410					
	Charge	kg	6.3+6.3+11.7	6.3+6.3+11.8	6.3+10.4+11.7	6.3+11.7+11.7	6.3+11.7+11.8	
Piping connections	Liquid	mm	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	φ 19.1(Brazing)	
	Gas	mm	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	φ 41.3(Brazing)	

Note: Specifications are based on the following conditions:  
•Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5m, Level difference: 0m.  
•Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5m, Level difference: 0m.  
•Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.  
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

## Outdoor Unit Combinations

### High-COP Type

Class	kW	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit*1	Total capacity index of connectable indoor units*2	Maximum number of connectable indoor units*2
12	32.0	300	RX(Y)Q12TH	RX(Y)Q6Tx 2	BHFP22P100	150 to 390 (480)	19 (24)
14	38.4	350	RX(Y)Q14TH	RX(Y)Q6T+ RX(Y)Q8T		175 to 455 (560)	22 (28)
16	44.8	400	RX(Y)Q16TH	RX(Y)Q8T x 2		200 to 520 (640)	26 (32)
18	48.0	450	RX(Y)Q18TH	RX(Y)Q6T x 3		225 to 585 (585)	29 (29)
20	54.4	500	RX(Y)Q20TH	RX(Y)Q6Tx 2+ RX(Y)Q8T		250 to 650 (650)	32 (32)
22	60.8	550	RX(Y)Q22TH	RX(Y)Q6T+ RX(Y)Q8Tx 2	BHFP22P151	275 to 715 (715)	35 (35)
24	67.2	600	RX(Y)Q24TH	RX(Y)Q8Tx 3		300 to 780 (780)	39 (39)
26	72.8	650	RX(Y)Q26TH	RX(Y)Q8Tx 2 + RX(Y)Q10T		325 to 845 (845)	42 (42)
28	78.3	700	RX(Y)Q28TH	RX(Y)Q8Tx 2 + RX(Y)Q12T		350 to 910 (910)	45 (45)
30	83.9	750	RX(Y)Q30TH	RX(Y)Q8T+ RX(Y)Q10T+ RX(Y)Q12T		375 to 975 (975)	48 (48)
32	89.4	800	RX(Y)Q32TH	RX(Y)Q8T+ RX(Y)Q12Tx 2		400 to 1,040 (1,040)	52 (52)
34	95.9	850	RX(Y)Q34TH	RX(Y)Q8T+ RX(Y)Q12T+ RX(Y)Q14T		425 to 1,105 (1,105)	55 (55)
36	102	900	RX(Y)Q36TH	RX(Y)Q8T+ RX(Y)Q14Tx 2		450 to 1,170 (1,170)	58 (58)
38	107	950	RX(Y)Q38TH	RX(Y)Q12Tx 2+ RX(Y)Q14T		475 to 1,235 (1,235)	61 (61)
40	114	1,000	RX(Y)Q40TH	RX(Y)Q12T+ RX(Y)Q14Tx 2		500 to 1,300 (1,300)	64 (64)
42	120	1,050	RX(Y)Q42TH	RX(Y)Q14Tx 3		525 to 1,365 (1,365)	
44	125	1,100	RX(Y)Q44TH	RX(Y)Q14Tx 2+ RX(Y)Q16T		550 to 1,430 (1,430)	
46	130	1,150	RX(Y)Q46TH	RX(Y)Q14T+ RX(Y)Q16Tx 2		575 to 1,495 (1,495)	
48	135	1,200	RX(Y)Q48TH	RX(Y)Q16Tx 3		600 to 1,560 (1,560)	
50	140	1,250	RX(Y)Q50TH	RX(Y)Q16Tx 2 + RX(Y)Q18T		625 to 1,625 (1,625)	

**Note:** \*1. The outdoor unit multi connection piping kit (separately sold) is required for multiple connection.  
\*2. Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 5 for notes on connection capacity of indoor units.

### Space Saving Type

Class	kW	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit*1	Total capacity index of connectable indoor units*2	Maximum number of connectable indoor units*2
18	50.0	450	RX(Y)Q18T	RX(Y)Q18T	—	225 to 585 (900)	29 (45)
20	56.0	500	RX(Y)Q20T	RX(Y)Q20T	—	250 to 650 (1,000)	32 (50)
22	61.5	550	RX(Y)Q22TS	RX(Y)Q10T + RX(Y)Q12T	BHFP22P100	275 to 715 (880)	35 (44)
24	67.0	600	RX(Y)Q24TS	RX(Y)Q12T x 2		300 to 780 (960)	39 (48)
26	72.4	650	RX(Y)Q26TS	RX(Y)Q8T + RX(Y)Q18T		325 to 845 (1,040)	42 (52)
28	78.5	700	RX(Y)Q28TS	RX(Y)Q12T + RX(Y)Q16T		350 to 910 (1,120)	45 (56)
30	83.5	750	RX(Y)Q30TS	RX(Y)Q12T + RX(Y)Q18T		375 to 975 (1,200)	48 (60)
32	89.5	800	RX(Y)Q32TS	RX(Y)Q12T + RX(Y)Q20T		400 to 1,040 (1,280)	52 (64)
34	95.0	850	RX(Y)Q34TS	RX(Y)Q16T + RX(Y)Q18T		425 to 1,105 (1,360)	55 (64)
36	100	900	RX(Y)Q36TS	RX(Y)Q18T x 2		450 to 1,170 (1,440)	58 (64)
38	106	950	RX(Y)Q38TS	RX(Y)Q18T + RX(Y)Q20T		475 to 1,235 (1,520)	61 (64)
40	112	1,000	RX(Y)Q40TS	RX(Y)Q20T x 2		500 to 1,300 (1,600)	64 (64)
42	117	1,050	RX(Y)Q42TS	RX(Y)Q12T x 2 + RX(Y)Q18T	BHFP22P151	525 to 1,365 (1,365)	
44	123	1,100	RX(Y)Q44TS	RX(Y)Q12T x 2 + RX(Y)Q20T		550 to 1,430 (1,430)	
46	129	1,150	RX(Y)Q46TS	RX(Y)Q12T + RX(Y)Q16T + RX(Y)Q18T		575 to 1,495 (1,495)	
48	134	1,200	RX(Y)Q48TS	RX(Y)Q12T + RX(Y)Q18T x 2		600 to 1,560 (1,560)	
50	140	1,250	RX(Y)Q50TS	RX(Y)Q12T + RX(Y)Q18T + RX(Y)Q20T		625 to 1,625 (1,625)	

**Note:** \*1. For multiple connection of 22 class and above the outdoor unit multi connection piping kit (separately sold) is required.  
\*2. Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 5 for notes on connection capacity of indoor units.

### Standard Type

Class	kW	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit *1	Total capacity index of connectable indoor units *2	Maximum number of connectable indoor units *2
6	16.0	150	RX(Y)Q6T	RX(Y)Q6T	—	75 to 195 (300)	9 (15)
8	22.4	200	RX(Y)Q8T	RX(Y)Q8T	—	100 to 260 (400)	13 (20)
10	28.0	250	RX(Y)Q10T	RX(Y)Q10T	—	125 to 325 (500)	16 (25)
12	33.5	300	RX(Y)Q12T	RX(Y)Q12T	—	150 to 390 (600)	19 (30)
14	40.0	350	RX(Y)Q14T	RX(Y)Q14T	—	175 to 455 (700)	22 (35)
16	45.0	400	RX(Y)Q16T	RX(Y)Q16T	—	200 to 520 (800)	26 (40)
18	50.4	450	RX(Y)Q18TN	RX(Y)Q8T + RX(Y)Q10T	BHFP22P100	225 to 585 (720)	29 (36)
20	55.9	500	RX(Y)Q20TN	RX(Y)Q8T + RX(Y)Q12T		250 to 650 (800)	32 (40)
22	62.4	550	RX(Y)Q22TN	RX(Y)Q8T + RX(Y)Q14T		275 to 715 (880)	35 (44)
24	68.0	600	RX(Y)Q24TN	RX(Y)Q10T + RX(Y)Q14T		300 to 780 (960)	39 (48)
26	73.5	650	RX(Y)Q26TN	RX(Y)Q12T + RX(Y)Q14T		325 to 845 (1,040)	42 (52)
28	80.0	700	RX(Y)Q28TN	RX(Y)Q14T x 2		350 to 910 (1,120)	45 (56)
30	85.0	750	RX(Y)Q30TN	RX(Y)Q14T + RX(Y)Q16T		375 to 975 (1,200)	48 (60)
32	90.0	800	RX(Y)Q32TN	RX(Y)Q14T + RX(Y)Q18T		400 to 1,040 (1,280)	52 (64)
34	95.0	850	RX(Y)Q34TN	RX(Y)Q10T + RX(Y)Q12T x 2		425 to 1,105 (1,105)	55 (55)
36	101	900	RX(Y)Q36TN	RX(Y)Q12T x 3		450 to 1,170 (1,170)	58 (58)
38	106	950	RX(Y)Q38TN	RX(Y)Q8T + RX(Y)Q12T + RX(Y)Q18T	BHFP22P151	475 to 1,235 (1,235)	61 (61)
40	112	1,000	RX(Y)Q40TN	RX(Y)Q12T x 2 + RX(Y)Q16T		500 to 1,300 (1,300)	64 (64)
42	119	1,050	RX(Y)Q42TN	RX(Y)Q12T + RX(Y)Q14T + RX(Y)Q16T		525 to 1,365 (1,365)	
44	124	1,100	RX(Y)Q44TN	RX(Y)Q12T + RX(Y)Q16T x 2		550 to 1,430 (1,430)	
46	130	1,150	RX(Y)Q46TN	RX(Y)Q14T x 2 + RX(Y)Q18T		575 to 1,495 (1,495)	
48	135	1,200	RX(Y)Q48TN	RX(Y)Q14T + RX(Y)Q16T + RX(Y)Q18T		600 to 1,560 (1,560)	
50	140	1,250	RX(Y)Q50TN	RX(Y)Q14T + RX(Y)Q18T x 2		625 to 1,625 (1,625)	
52	145	1,300	RX(Y)Q52TN	RX(Y)Q16T + RX(Y)Q18T x 2		650 to 1,690 (1,690)	
54	150	1,350	RX(Y)Q54TN	RX(Y)Q18T x 3		675 to 1,755 (1,755)	
56	156	1,400	RX(Y)Q56TN	RX(Y)Q18T x 2 + RX(Y)Q20T		700 to 1,820 (1,820)	
58	162	1,450	RX(Y)Q58TN	RX(Y)Q18T + RX(Y)Q20T x 2		725 to 1,885 (1,885)	
60	168	1,500	RX(Y)Q60TN	RX(Y)Q20T x 3		750 to 1,950 (1,950)	

**Note:** \*1. For multiple connection of 18 class systems and above, the outdoor unit multi connection piping kit (separately sold) is required.  
\*2. Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 5 for notes on connection capacity of indoor units.



VRV Indoor Units

Ceiling Mounted Cassette (Round Flow With Sensing) Type

No.	Item		Type	FXFQ25S	FXFQ32S	FXFQ40S	FXFQ50S	FXFQ63S	FXFQ80S	FXFQ100S	FXFQ125S
1	Decoration panel			BYCQ125B-W1							
2	Sealing material of air discharge outlet			KDBHQ55B140							
3	Panel spacer			KDBP55H160FA							
4	Filter related	High efficiency filter unit 65%		KAFP556B80					KAFP556B160		
		High efficiency filter unit 90%		KAFP557B80					KAFP557B160		
		Replacement high efficiency filter 65%		KAFP552B80					KAFP552B160		
		Replacement high efficiency filter 90%		KAFP553B80					KAFP553B160		
		Filter chamber		KDDFP55B160							
		Long life replacement filter		KAFP551K160							
		Ultra long-life filter		KAFP55B160							
		Replacement ultra long-life filter		KAFP55H160H							
5	Fresh air intake kit	Chamber type	Without T joint-pipe and fan	KDDQ55B140							
			With T joint-pipe without fan	KDDQ55B160K							
		Direct installation type		KDDP55X160							
6	Branch duct chamber			KDJP55B80					KDJP55B160		
7	Insulation kit for high humidity			KDTP55K80					KDTP55K160		

Ceiling Mounted Cassette (Round Flow) Type

No.	Item		Type	FXFQ25P	FXFQ32P	FXFQ40P	FXFQ50P	FXFQ63P	FXFQ80P	FXFQ100P	FXFQ125P
1	Decoration panel			BYCP125K-W1							
2	Sealing material of air discharge outlet			KDBH55K160F							
3	Panel spacer			KDBP55H160FA							
4	Filter related	High efficiency filter unit 65%		KAFP556B80					KAFP556B160		
		High efficiency filter unit 90%		KAFP557B80					KAFP557B160		
		Replacement high efficiency filter 65%		KAFP552B80					KAFP552B160		
		Replacement high efficiency filter 90%		KAFP553B80					KAFP553B160		
		Filter chamber		KDDFP55B160							
		Long life replacement filter		KAFP551K160							
		Ultra long-life filter		KAFP55B160							
		Replacement ultra long-life filter		KAFP55H160H							
5	Fresh air intake kit	Chamber type	Without T joint-pipe and fan	KDDP55B160							
			With T joint-pipe without fan	KDDP55B160K							
		Direct installation type		KDDP55X160							
6	Branch duct chamber			KDJP55B80					KDJP55B160		
7	Chamber connection kit			KKSJ55KA160							
8	Insulation kit for high humidity			KDTP55K80					KDTP55K160		

Ceiling Mounted Cassette (Compact Multi Flow) Type

No.	Item		Type	FXZQ20M	FXZQ25M	FXZQ32M	FXZQ40M	FXZQ50M
1	Decoration panel			BYFQ60B8W1				
2	Sealing material of air discharge outlet			KDBH44BA60				
3	Panel spacer			KDBQ44BA60A				
4	Replacement long-life filter			KAFQ441BA60				
5	Fresh air intake kit		Direct installation type	KDDQ44XA60				

4-way Flow Ceiling Suspended Type

No.	Item		Type	FXUQ71A			FXUQ100A		
1	Sealing material of air discharge outlet			KDBHP49B140					
2	Decoration panel for air discharge			KDBTP49B140					
3	Replacement long-life filter			KAFP551K160					

Ceiling Mounted Cassette (Double Flow) Type

No.	Item		Type	FXCQ20M FXCQ25M	FXCQ40M	FXCQ50M	FXCQ63M	FXCQ80M	FXCQ125M
1	Decoration panel			BYBC32G-W1	BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
2	Filter related	High efficiency filter 65% ★1		KAFJ532G36	KAFJ532G56		KAFJ532G80	KAFJ532G160	
		High efficiency filter 90% ★1		KAFJ533G36	KAFJ533G56		KAFJ533G80	KAFJ533G160	
		Filter chamber bottom suction		KDDFJ53G36	KDDFJ53G56		KDDFJ53G80	KDDFJ53G160	
		Long life replacement filter		KAFJ531G36	KAFJ531G56		KAFJ531G80	KAFJ531G160	

Note: ★1 Filter chamber is required if installing high efficiency filter.

Ceiling Mounted Cassette Corner Type

No.	Item		Type	FXKQ25MA	FXKQ32MA	FXKQ40MA	FXKQ63MA
1	Panel related	Decoration panel			BYK45FJW1		BYK71FJW1
		Panel spacer			KPBJS2F56W		KPBJS2F80W
2	Air inlet and air discharge outlet related	Long life replacement filter			KAFJ521F56		KAFJ521F80
		Air discharge grille			K-HV7AW		K-HV9AW
		Air discharge blind panel			KDBJS2F56W		KDBJS2F80W
		Flexible duct (with shutter)			KFDJ52FA56		KFDJ52FA80

Slim Ceiling Mounted Duct Type (700 mm width type)

No.	Item		Type	FXDQ20PB	FXDQ25PB	FXDQ32PB
1	Insulation kit for high humidity			KDT25N32		

Slim Ceiling Mounted Duct Type (900/1,100 mm width type)

No.	Item		Type	FXDQ40NB	FXDQ50NB	FXDQ63NB
1	Insulation kit for high humidity			KDT25N50		KDT25N63

Ceiling Mounted Built-in Type

No.	Item		Type	FXSYQ20M	FXSYQ40M	FXSYQ63M	FXSYQ80M
				FXSYQ25M	FXSYQ50M		FXSYQ100M
				FXSYQ32M			FXSYQ125M
1	Panel related	Decoration panel		BYBS32DJW1	BYBS45DJW1	BYBS71DJW1	BYBS125DJW1
		Access panel		KTBJ25K36W	KTBJ25KA56W	KTBJ25KA80W	KTBJ25KA160W
2	Filter related	High efficiency filter 65% ★1		KAFJ25L36	KAF252LA56	KAF252LA80	KAF252LA160
		High efficiency filter 90% ★1		KAFJ25L36	KAF253LA56	KAF253LA80	KAF253LA160
		Long life replacement filter		KAFJ251K36	KAFJ251K56	KAFJ251K80	KAFJ251K160
		Filter chamber for bottom suction		KAJ25L36D	KAJ25LA56D	KAJ25LA80D	KAJ25LA160D
3	Air inlet related	Air suction canvas		KSA-25K36	KSA-25KA56	KSA-25KA80	KSA-25KA160
		Screening door		KBBJ25K36	KBBJ25KA56	KBBJ25KA80	KBBJ25KA160

Note: ★1 If installing a high efficiency filter in the Ceiling Mounted Built-in type, a filter chamber for bottom suction is required.

Ceiling Concealed (Duct) Type

No.	Item		Type	FXDYQ80MA	FXDYQ100MA	FXDYQ125MA	FXDYQ145MA	FXDYQ180M	FXDYQ200M	FXDYQ250M
1	Run/fault status PCB			KRP1B5X						

Ceiling Mounted Duct Type

No.	Item		Type	FXMQ20P FXMQ25P FXMQ32P	FXMQ40P	FXMQ50P FXMQ63P FXMQ80P	FXMQ100P FXMQ125P FXMQ140P	FXMQ200MA FXMQ250MA
1	Drain pump kit			—				KDU30L250VE
2	High efficiency filter	65%		KAF372AA36	KAF372AA56	KAF372AA80	KAF372AA160	KAFJ372L280
		90%		KAF373AA36	KAF373AA56	KAF373AA80	KAF373AA160	KAFJ373L280
3	Filter chamber			KDDF37AA36	KDDF37AA56	KDDF37AA80	KDDF37AA160	KDJ3705L280
4	Long life replacement filter			KAF371AA36	KAF371AA56	KAF371AA80	KAF371AA160	KAFJ371L280
5	Long life filter chamber kit			KAF375AA36	KAF375AA56	KAF375AA80	KAF375AA160	—
6	Service panel	White		KTBJ25K36W	KTBJ25KA56W	KTBJ25KA80W	KTBJ25KA160W	
		Fresh white		KTBJ25K36F	KTBJ25K56F	KTBJ25K80F	KTBJ25K160F	
		Brown		KTBJ25K36T	KTBJ25K56T	KTBJ25K80T	KTBJ25K160T	
7	Air discharge adaptor			KDAJ25K36A	KDAJ25K56A	KDAJ25K71A	KDAJ25K140A	

VRV Indoor Units

Ceiling Suspended Type

No.	Item	Type	FXHQ32MA	FXHQ63MA	FXHQ100MA
1	Drain pump kit		KDU50N60VE	KDU50N125VE	
2	Replacement long-life filter (Resin net)		KAF501DA56	KAF501DA80	KAF501DA112
3	L-type piping kit (for upward direction)		KHFP5MA63	KHFP5MA160	

Wall Mounted Type

No.	Item	Type	FXAQ20P	FXAQ25P	FXAQ32P	FXAQ40P	FXAQ50P	FXAQ63P
1	Drain pump kit		K-KDU572EVE					

Floor Standing Type

No.	Item	Type	FXLQ20MA	FXLQ25MA	FXLQ32MA	FXLQ40MA	FXLQ50MA	FXLQ63MA
1	Long life replacement filter		KAFJ361K28		KAFJ361K45		KAFJ361K71	

Concealed Floor Standing Type

No.	Item	Type	FXNQ20MA	FXNQ25MA	FXNQ32MA	FXNQ40MA	FXNQ50MA	FXNQ63MA
1	Long life replacement filter		KAFJ361K28		KAFJ361K45		KAFJ361K71	

Residential Indoor Units with connection to BP units

Ceiling Mounted Cassette Type

No.	Item	Type	FCQ35BVE	FCQ50BVE	FCQ60BVE	FCQ71BVE
1	Decoration panel		BYC125K-W1			
2	Panel spacer		KDBP55H160WA			
3	Fresh air intake kit	Chamber type	KDDP55D160			
		Without T-shaped pipe and fan*1				
		With T-shaped pipe, without fan*2	KDDP55D160K			
4	High-efficiency filter	Direct installation type*3	KDDJ55X160			
		(Colourimetric method 65%)	KAFP556D80			
		(Colourimetric method 90%)	KAFP557D80			
5	Replacement high-efficiency filter	(Colourimetric method 65%)	KAFP552H80			
		(Colourimetric method 90%)	KAFP553H80			
6	High-efficiency filter chamber		KDDF55DA160			
7	Replacement long-life filter		KAF551KA160			
8	Branch duct chamber		KDJ55K80			

Notes: \*1. With a suction chamber. Fresh air intake is from 2 holes on the sides of the connection chamber. (This method should be selected if a wireless remote controller is used.)  
\*2. Without a suction chamber. Fresh air intake is from 2 holes on the connection chamber via a T-shaped pipe connection. (A wireless remote controller cannot be used in this case.)  
\*3. Without a suction chamber. Fresh air intake is directly from a hole on the main unit.

Ceiling Mounted Cassette (Compact Multi Flow) Type

No.	Item	Type	FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B
1	Decoration panel		BYFQ60B8W1			
2	Replacement long-life filter		KAFQ441BA60			
3	Fresh air intake kit	Direct installation type	KDDQ44XA60			
4	Sealing member for air discharge outlet		KDBH44BA60			
5	Panel spacer		KDBQ44BA60A			

Ceiling Mounted Built-in Type

No.	Item	Type	FBQ60BV1	FBQ71BV1
1	Decoration panel		BYBS71DJW1	
2	Service access panel		KTBJ25L80W	
3	High-efficiency filter	(Colourimetric method 65%)	KAF252LA80	
		(Colourimetric method 90%)	KAF253LA80	
4	Replacement long-life filter	Resin net	KAFJ251K80	
5	Filter chamber for bottom suction		KAJ25LA80D	
6	Filter chamber for rear suction		KAJ25LA80B	
7	Canvas duct		KSA-25KA80	
8	Discharge grille	ø150	K-DG5DW	
		ø200	K-DG9DW	
9	Discharge chamber	ø150	K-DGC5D	
		ø200	K-DGC9D	
10	Branch duct	ø150 → ø200	K-DDV20A	
11	Flexible duct	ø150	K-FDS151C(1m)/K-FDS152C(2m)/K-FDS153C(3m)/K-FDS154C(4m)/K-FDS155C(5m)/K-FDS156C(6m)	
		ø200	K-FDS201C(1m)/K-FDS202C(2m)/K-FDS203C(3m)/K-FDS204C(4m)/K-FDS205C(5m)/K-FDS206C(6m)	
12	Blind board		KBBJ25KA80	
13	Adaptor for discharge		KDAJ25K71	
14	Flange for suction		KDJ2507K80	

Ceiling Suspended Type

No.	Item	Type	FHQ35BVV1B	FHQ50BVV1B	FHQ60BVV1B
1	Replacement long-life filter		KAF501DA56		KAFJ501DA80
2	Drain up kit		FDU50M60VE		
3	L-type piping kit (For upward direction)		KHFP5MA35	KHFP5MA63	

Slim Ceiling Mounted Duct Type

No.	Item	Type	CDKS25EAVMA CDXS25EAVMA	CDKS35EAVMA CDXS35EAVMA	CDKS25CVMA FDXS25CVMA	CDKS35CVMA FDXS35CVMA	CDKS50CVMA FDXS50CVMA	CDKS60CVMA FDXS60CVMA
1	Suction grille				KDGFI9A45			
2	Insulation kit for high humidity		KDT25N32		KDT25N50			
							KDT25N63	

Wall Mounted Type

No.	Item	Type	FTKS20KVMA FTXS20KVMA	FTKS25KVMA FTXS25KVMA	FTKS35KVMA FTXS35KVMA	FTKS50KAVMA FTXS50KAVMA	FTKS60KAVMA FTXS60KAVMA	FTKS71KAVMA FTXS71KAVMA
1	Titanium apatite photocatalytic air-purifying filter		KAF970A46					

Note: Filter is a standard accessory. It should be replaced approximately 3 years.

Floor Standing Type

No.	Item	Type	FVXS25KV1A	FVXS35KV1A	FVXS50KV1A
1	Titanium apatite photocatalytic air-purifying filter		KAF968A42		

Note: Filter is a standard accessory. It should be replaced approximately every 3 years.

Floor/Ceiling Suspended Dual Type

No.	Item	Type	FLXS25BVMA	FLXS35GVMA	FLXS50GVMA	FLXS60GVMA
1	Photocatalytic deodorising filter with frame*1		KAZ917B41			
2	Photocatalytic deodorising filter without frame*1		KAZ917B42			
3	Air-purifying filter with frame*2		KAF925B41			
4	Air-purifying filter without frame*2		KAF925B42			

Note: \*1. The photocatalytic deodorising filter is a standard accessory. It can be reused indefinitely if it is exposed to direct sunlight once every 6 months. This accessory is only required if the original filter is damaged or lost, etc.  
\*2. The air-purifying filter is a standard accessory. It should be replaced approximately once every 3 months. This accessory is required for the replacement of filters.

BP Units for connection to residential indoor units

No.	Item	Type	BPMKS967A2	BPMKS967A3
1	REFNET joint		KHRP26A22T	

Note: A single BP unit does not require a REFNET joint. 2 BP units require only 1 REFNET joint, and 3 BP units require only 2 REFNET joints.



Outdoor Units

High-COP Type

Optional Accessories		RX(Y)Q12THY1A RX(Y)Q14THY1A RX(Y)Q16THY1A
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T
Outdoor unit multi connection piping kit		BHFP22P100
Protection net	Left	BKG26A20L X 2
	Right	BKG26A20R X 2
	Back	BKG26A12B X 2
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)

Optional Accessories		RX(Y)Q18THY1A RX(Y)Q20THY1A RX(Y)Q22THY1A	RX(Y)Q24THY1A RX(Y)Q26THY1A RX(Y)Q28THY1A RX(Y)Q30THY1A RX(Y)Q32THY1A	RX(Y)Q34THY1A
Distributive piping	REFNET header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch), KHRP26M72H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)	
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		—	KHRP26M73TP, KHRP26M73HP	
Outdoor unit multi connection piping kit		BHFP22P151		
Protection net	Left	BKG26A20L×3		BKG26A20L×3
	Right	BKG26A20R×3		BKG26A20R×3
	Back	BKG26A12B×3		BKG26A12B×2 BKG26A20B×1
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)		

Optional Accessories		RX(Y)Q36THY1A	RX(Y)Q38THY1A	RX(Y)Q40THY1A	RX(Y)Q42THY1A RX(Y)Q44THY1A RX(Y)Q46THY1A RX(Y)Q48THY1A RX(Y)Q50THY1A
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			
Protection net	Left	BKG26A20L×3	BKG26A20L×3	BKG26A20L×3	BKG26A20L×3
	Right	BKG26A20R×3	BKG26A20R×3	BKG26A20R×3	BKG26A20R×3
	Back	BKG26A12B×1 BKG26A20B×2	BKG26A12B×2 BKG26A20B×1	BKG26A12B×1 BKG26A20B×2	BKG26A12B×3
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)			

Standard Type

Optional Accessories		RX(Y)Q6TY1A RX(Y)Q8TY1A RX(Y)Q10TY1A	RX(Y)Q12TY1A	RX(Y)Q14TY1A RX(Y)Q16TY1A
Distributive piping	REFNET header	KHRP26M22H, (Max. 4 branch) KHRP26M33H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)	
	REFNET joint	KHRP26A22T KHRP26A33T	KHRP26A22T, KHRP26A33T, KHRP26A72T	
Protection net	Left	BKG26A20L		BKG26A20L
	Right	BKG26A20R		BKG26A20R
	Back	BKG26A12B		BKG26A20B
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)		

Optional Accessories		RX(Y)Q18TNY1A RX(Y)Q20TNY1A	RX(Y)Q22TNY1A	RX(Y)Q24TNY1A RX(Y)Q26TNY1A	RX(Y)Q28TNY1A RX(Y)Q30TNY1A RX(Y)Q32TNY1A
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H (Max. 8 branch)		KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H, KHRP26M73H (Max. 8 branch) (Max. 8 branch)	
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T		KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		—		KHRP26M73TP, KHRP26M73HP	
Outdoor unit multi connection piping kit		BHFP22P100			
Protection net	Left	BKG26A20L×2	BKG26A20L×2		BKG26A20L×2
	Right	BKG26A20R×2	BKG26A20R×2		BKG26A20R×2
	Back	BKG26A12B×2	BKG26A12B×1 BKG26A20B×1		BKG26A20B×2
Cool / Heat selector		KRC19-26A (Applies to RXYQ only)			

Optional Accessories		RX(Y)Q34TNY1A RX(Y)Q36TNY1A	RX(Y)Q38TNY1A RX(Y)Q40TNY1A	RX(Y)Q42TNY1A RX(Y)Q44TNY1A	RX(Y)Q46TNY1A RX(Y)Q48TNY1A RX(Y)Q50TNY1A RX(Y)Q52TNY1A RX(Y)Q54TNY1A RX(Y)Q56TNY1A RX(Y)Q58TNY1A RX(Y)Q60TNY1A
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			
Protection net	Left	BKG26A20L×3	BKG26A20L×3	BKG26A20L×3	BKG26A20L×3
	Right	BKG26A20R×3	BKG26A20R×3	BKG26A20R×3	BKG26A20R×3
	Back	BKG26A12B×3	BKG26A12B×2 BKG26A20B×1	BKG26A12B×1 BKG26A20B×2	BKG26A20B×3
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)			

Space Saving Type

Optional Accessories		RX(Y)Q18TY1A RX(Y)Q20TY1A
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max.4 branch) (Max.8 branch) (Max.8 branch)
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T
Protection net	Left	BKG26A20L
	Right	BKG26A20R
	Back	BKG26A20B
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)

Optional Accessories		RX(Y)Q22TSY1A	RX(Y)Q24TSY1A	RX(Y)Q26TSY1A RX(Y)Q28TSY1A RX(Y)Q30TSY1A RX(Y)Q32TSY1A	RX(Y)Q34TSY1A RX(Y)Q36TSY1A RX(Y)Q38TSY1A RX(Y)Q40TSY1A
Disinbutive piping	REFNET header	KHRP26M22H (Max.4 branch), KHRP26M33H (Max.8 branch), KHRP26M72H (Max.8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max.4 branch) (Max.8 branch) (Max.8 branch) (Max.8 branch)		
	REFNET joint	KHRP26A22T KHRP26M33T KHRP26M72T	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T		
Pipe size reducer		—			
Outdoor unit connection piping kit		KHRP26M73TP, KHRP26M73HP BHFP22P100			
Protection net	Left	BKG26A20L×2		BKG26A20L×2	BKG26A20L×2
	Right	BKG26A20R×2		BKG26A20R×2	BKG26A20R×2
	Back	BKG26A12B×2		BKG26A12B×1 BKG26A20B×1	BKG26A20B×2
Cool / Heat selector		KRC19-26A (Applies to RXYQ only)			

Optional Accessories		RX(Y)Q42TSY1A RX(Y)Q44TSY1A	RX(Y)Q46TSY1A RX(Y)Q48TSY1A RX(Y)Q50TSY1A
Distributive piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max.4 branch) (Max.8 branch) (Max.8 branch) (Max.8 branch)	
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		KHRP26M73TP, KHRP26M73HP	
Outdoor unit connection piping kit		BHFP22P151	
Protection net	Left	BKG26A20L×3	BKG26A20L×3
	Right	BKG26A20R×3	BKG26A20R×3
	Back	BKG26A12B×2 BKG26A20B×1	BKG26A12B×1 BKG26A20B×2
Cool/Heat selector		KRC19-26A (Applies to RXYQ only)	

## Individual Control Systems for VRV Indoor Units

### “Nav Ease”(Wired remote controller) (Option)

New



BRC1E62

This simple, contemporary remote controller with fresh white colour matches your interior design. The clear, backlight display with large easy-to-read text makes navigation easy and provides one-touch control over your in-home comfort.

- Large buttons and arrow keys for easy operation.
- Guide on display gives an explanation of each setting.
- Backlight and dot matrix LCD display for easy viewing.
  - Dot matrix display  
A combination of fine dots enables various icons. Large text display is easy to see.
  - Backlight display
- Various comfortable and energy saving functions are newly equipped.
  - Setpoint range set
  - Setpoint auto reset
  - Setback
  - Individual airflow direction\*
  - Auto airflow rate\*
  - Sensing sensor\*
- \* Only available for some indoor units. Please contact your local distributor or dealer about the models.
- Weekly schedule timer can be set up easily.
- 11 display languages are available.  
(English, German, French, Spanish, Italian, Portuguese, Greek, Dutch, Russian, Turkish and Polish)

### Wireless remote controller (Option)



Wireless remote controller

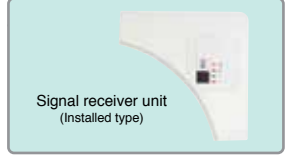


Signal receiver unit (Separate type)

- The same operation modes and settings as with wired remote controllers are possible.
  - \* Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E62. Cannot be set via other remote controllers.
- A compact signal receiver unit (separate type) to be mounted into a wall or ceiling is included.
- A signal receiver unit (installed type) for a Ceiling Mounted Cassette (Round Flow, Compact Multi Flow, Double Flow) type, Ceiling Suspended type and Wall Mounted type is mounted into the indoor unit.



Signal receiver unit can be installed on the panel  
ex. Ceiling Mounted Cassette (Round Flow) type



Signal receiver unit (Installed type)

\* Wireless remote controller and signal receiver unit are sold as a set.  
\* Refer to page 81 for the name of each model.

### Simplified remote controller (Option)



Exposed type (BRC2C51)



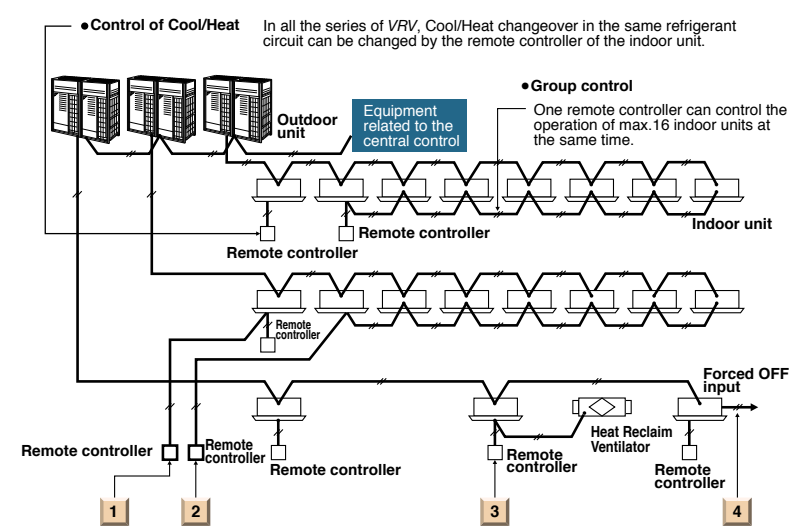
Concealed type (For hotel use) (BRC3A61)

- The remote controller has centralised its frequently used operation selectors and switches (on/off, operation mode, temperature setting and airflow volume), making itself suitable for use in hotel rooms or conference rooms.
- The exposed type remote controller is fitted with a thermostat sensor.



The concealed type remote controller smartly fits into a night table or console panel in a hotel room.

### The wired remote controller supports a wide range of control functions



- 1 Control by two remote controller**  
The indoor unit can be connected by the two remote controller, for example one in the room and the other one in the control room, which can control the operation of indoor unit freely. (The last command has a priority.) Of course, the group control by two remote controller is also possible.
- 2 Remote control**  
The wiring of remote controller can be extended to max. 500 m and it is possible to install the remote controllers for the different indoor units in one place.
- 3 Control for the combined operation**  
The operation of Heat Reclaim Ventilator can be controlled by the remote controller of the indoor unit. Of course, the remote controller can display the time to clean the filter.
- 4 Expansion of system control**  
The system can be expanded to add several controllers, such as BMS, Forced OFF input and etc.

### Wide variation of remote controllers for VRV indoor units

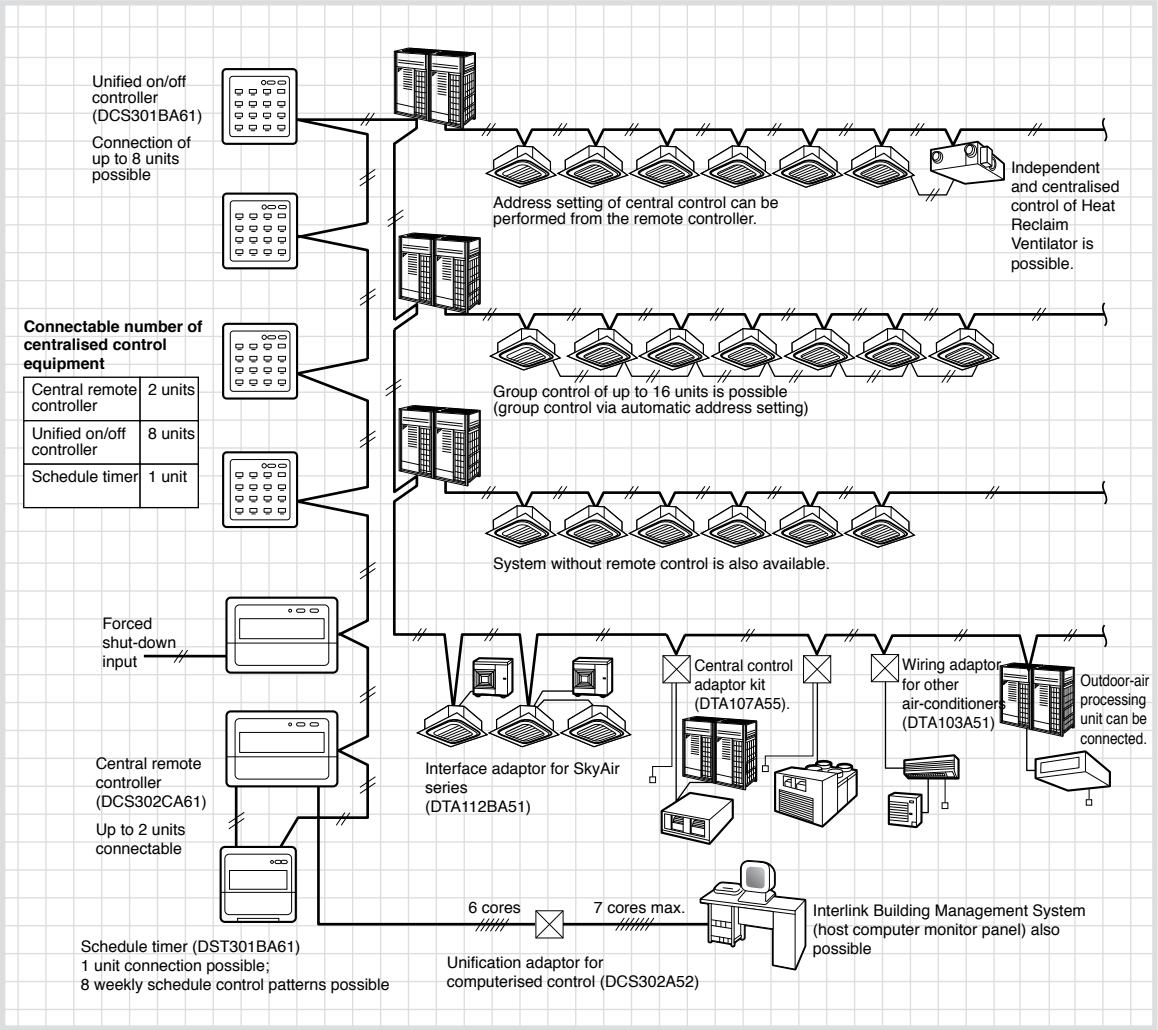
	FXFQ-S	FXFQ-P	FXZQ	FXCQ	FXUQ	FXKQ	FXDQ	FXSYQ	FXDYQ	FXMQ	FXHQ	FXAQ	FXL(N)Q
“Nav Ease” (Wired remote controller) (BRC1E62)	●	●	●	●	●	●	●	●	●	●	●	●	●
Wired remote controller (BRC1C62)	●	●	●	●	●	●	●	●	●	●	●	●	●
Wired remote controller with weekly schedule timer (BRC1D61)		●	●	●	●	●	●	●	●	●	●	●	●
Wireless remote controller* (Installed type signal receiver unit)	●	●	●	●	●						●	●	
Wireless remote controller* (Separate type signal receiver unit)						●	●	●	●	●			●
Simplified remote controller (Exposed type) (BRC2C51)							●	●	●	●			●
Simplified remote controller (Concealed type: for Hotel use) (BRC3A61)							●	●	●	●			●

\*Refer to page 81 for the name of each model.



## Centralised Control Systems for VRV Indoor Units

- Up to 64 groups of indoor units (128 units) can be centrally controlled.
- Optional controllers for centralised control can be combined freely, and system can be designed in accordance with building scale and purpose.
- System integration with various air-conditioning peripheral equipment such as Heat Reclaim Ventilator is easy.
- Wiring can be run up to a total length of 2 km, and adapts easily to large-scale system expansion.



• Certain indoor units limit the functions of some control systems.  
For more details, please refer to the Engineering Data.

### Residential central remote controller\* (Option)



DCS303A51

**Max. 16 groups of indoor units can be easily controlled with the large LCD panel.**

- Max. 16 groups (128 indoor units) controllable
- Backlight and large LCD panel for easy readability
- ON/OFF, temperature settings and scheduling can be controlled individually for indoor units.
- All indoor units can be turned on or off at once with "ALL" button.
- Each group has a dedicated button for convenience.
- Outside temperature display

\* For residential use only. Cannot be used with other centralised control equipment.

### Central remote controller (Option)



DCS302CA61

**Max. 64 groups (zones) of indoor units can be controlled individually same as LCD Remote controller.**

- Max. 64 groups (128 indoor units) controllable
- Max. 128 groups (128 indoor units) are controllable by using 2 central remote controllers, which can control from 2 different places.
- Zone control
- Malfunction code display
- Max. wiring length 1,000 m (Total: 2,000 m)
- Connectable with Unified ON/OFF controller, schedule timer and BMS system
- Airflow volume and direction can be controlled individually for indoor units in each group operation.
- Ventilation volume and mode can be controlled for Heat Reclaim Ventilator.
- Up to 4 ON/OFF pairs can be set per day by connecting a schedule timer.

### Unified ON/OFF controller (Option)



DCS301BA61

**Max. 16 groups of indoor units can be operated simultaneously/individually.**

- Max. 16 groups (128 indoor units) controllable
- 2 remote controllers can be used to control from 2 different places.
- Operating status indication (Normal operation, Alarm)
- Centralised control indication
- Max. wiring length 1,000 m (Total: 2,000 m)
- Compact size casing (Thickness: 16 mm)
- Connectable with Central Remote controller, Schedule timer and BMS system

### Schedule timer (Option)



DST301BA61

**Max. 128 indoor units can be operated as programmed schedule.**

- Max. 128 indoor units controllable
- When used in combination with a central remote controller, a maximum of 8 weekly schedule patterns can be set, while the central controller can be used to select desired zones. Up to 2 ON/OFF pairs can be set per day.
- Max. 48 hours back up power supply
- Max. wiring length 1,000 m (Total: 2,000 m)
- Compact size casing (Thickness: 16 mm)
- Connectable with Central Remote controller, Unified ON/OFF controller and BMS system

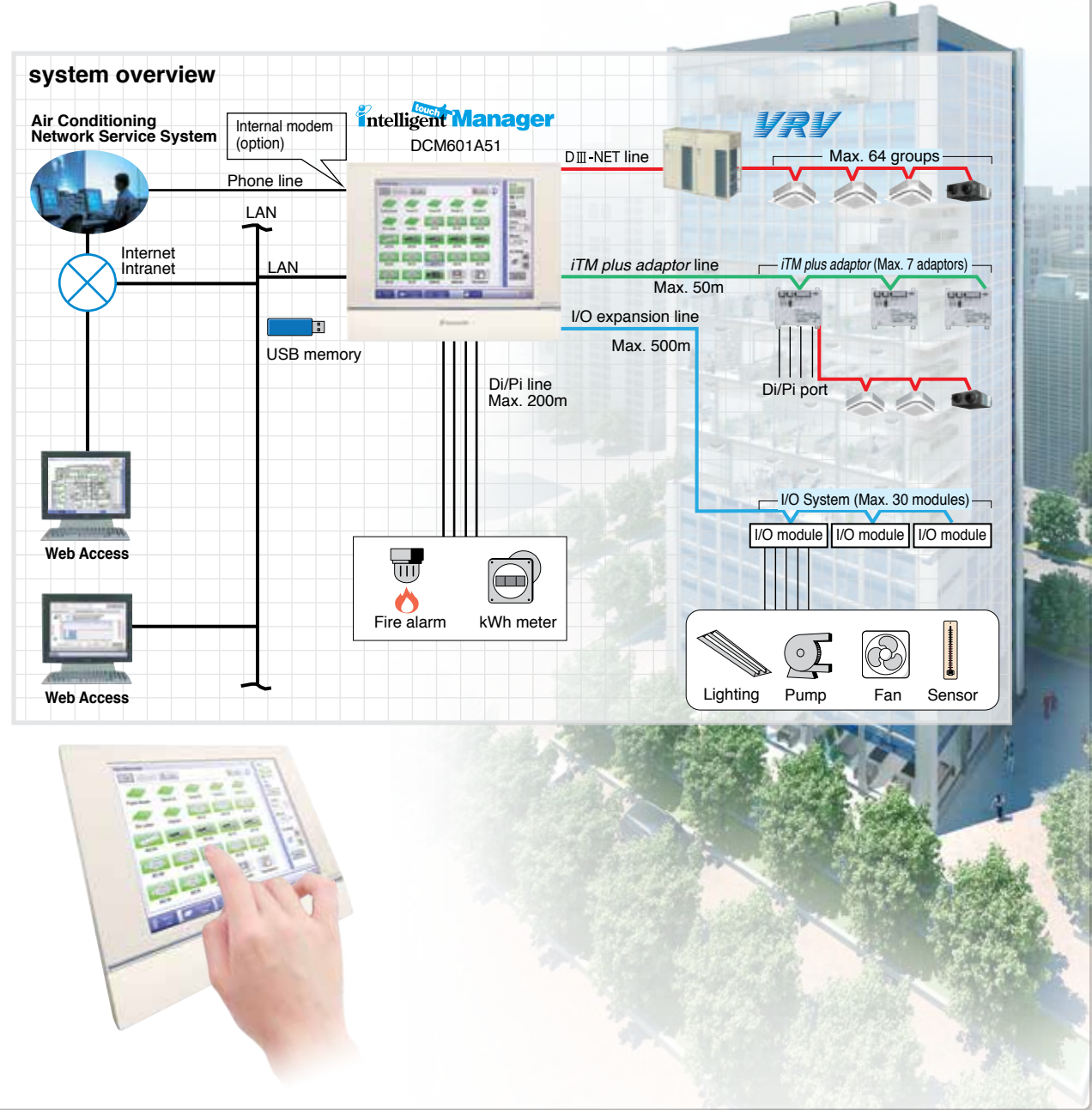
## Advanced Control Systems for VRV Indoor Units



### One touch selection to total air comfort

Daikin proudly introduces its intelligent Touch Manager, a VRV system controller featuring an array of simple, useful system management functions for added value.

Up to 512 groups can be controlled by one system



## Features

### Central control

- Handy area settings simplify detailed management of VRV system.
- Display of floor plans enables a quick search of desired air conditioning units.
- Operation history shows manner of control and origin in past operations of air conditioning units.



### Remote access

- Remote access with a PC allows total air conditioning management using the same type of screens as those displayed in the *intelligent Touch Manager*.
- Authorised users can centrally control individual air conditioning units from their own computers.

### Automatic control

- VRV systems are controlled automatically throughout the year by the schedule function.
- Interlocking VRV system and other equipment enables easy automation of building facilities operation.
- Setback adjusts temperature settings even when rooms are unoccupied.

### Energy management

- The Energy Navigator feature simplifies energy management by tracking energy consumption data and identifying inefficient operation.



### Troubleshooting

- Contact information of maintenance contractors can be registered and displayed.
- E-mails are sent automatically to alert of malfunctions and potential trouble.
- The *intelligent Touch Manager* can link to the Air Conditioning Network Service System for 24-hour monitoring of operating conditions and status.

### Scalability

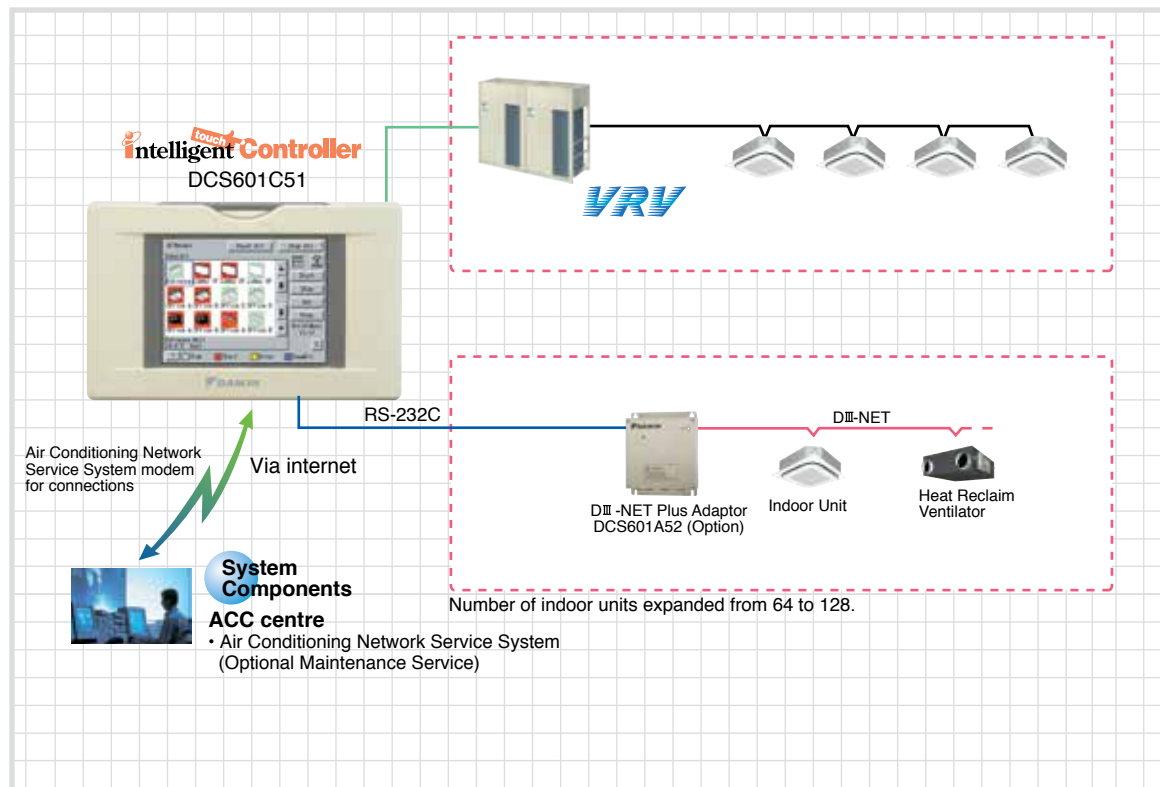
- A single *intelligent Touch Manager* can manage a small building or be expanded to handle medium- to large-sized buildings.



## Advanced Control Systems for VRV Indoor Units

### Intelligent touch Controller

Communication functions in the user-friendly icon-based multilingual controller simplify centralised control of the VRV system.



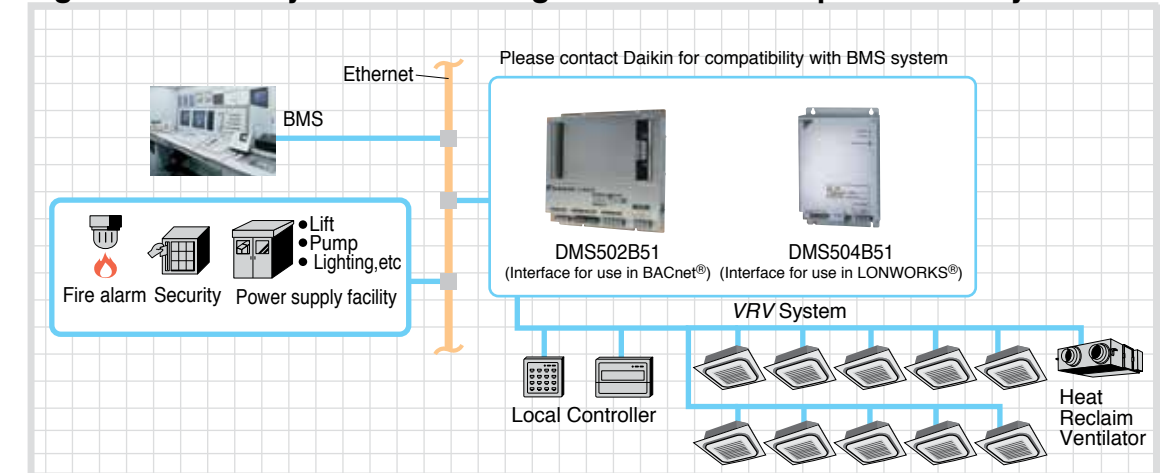
## Features

- Colour LCD touch panel icon display
- Small manageable size
- Simplified engineering
- Multi language (English, French, Italian, German, Spanish, Dutch, Portuguese, Chinese and Korean)
- Yearly schedule
- Auto heat/cool change-over
- Temperature limitation
- Enhanced history function
- Simple Interlock Function
- Built-in modem for connecting to Air Conditioning Network Service System (Option)
- Doubling of number of connectable indoor units by adding a DII-NET Plus Adaptor (Option)



### Interface for BACnet® and LONWORKS®

Integrated control systems that recognise the trend of open control systems



- Compatibility with BMS enhanced by utilising the international communication standards, BACnet® or LONWORKS®.

#### DMS502B51 Interface for use in BACnet®

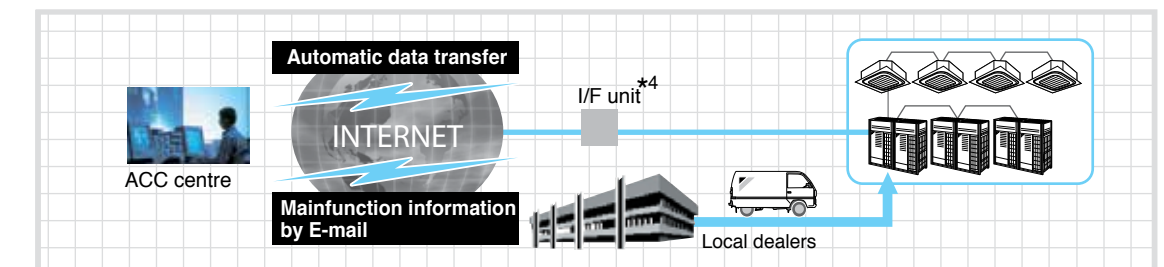
- Support for Heat Reclaim Ventilator VAM series
- Selectable temperature unit
- BTL Certification
- PPD data (Optional Di board is required.)
- ISO 16484-5 (Does not support IEEE 802.3 protocol for BACnet®)
- Up to 40 outdoor units and 256 indoor unit groups on one gateway (optional adaptor)

#### DMS504B51 Interface for use in LONWORKS®

- XIF file for confirming of specifications of the units.
- Connectable up to 10 outdoor units and 64 indoor unit groups.

## Air Conditioning Network Service System

Maintenance services that boost profits and customer satisfaction



- 24 hour on-line diagnostic system
- Energy saving and extension of aircon operating life
- Maintenance management via A/C network service system reports
- Reliable service at shortest lead time

\*1. Model name varies upon the system size.

\*2. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

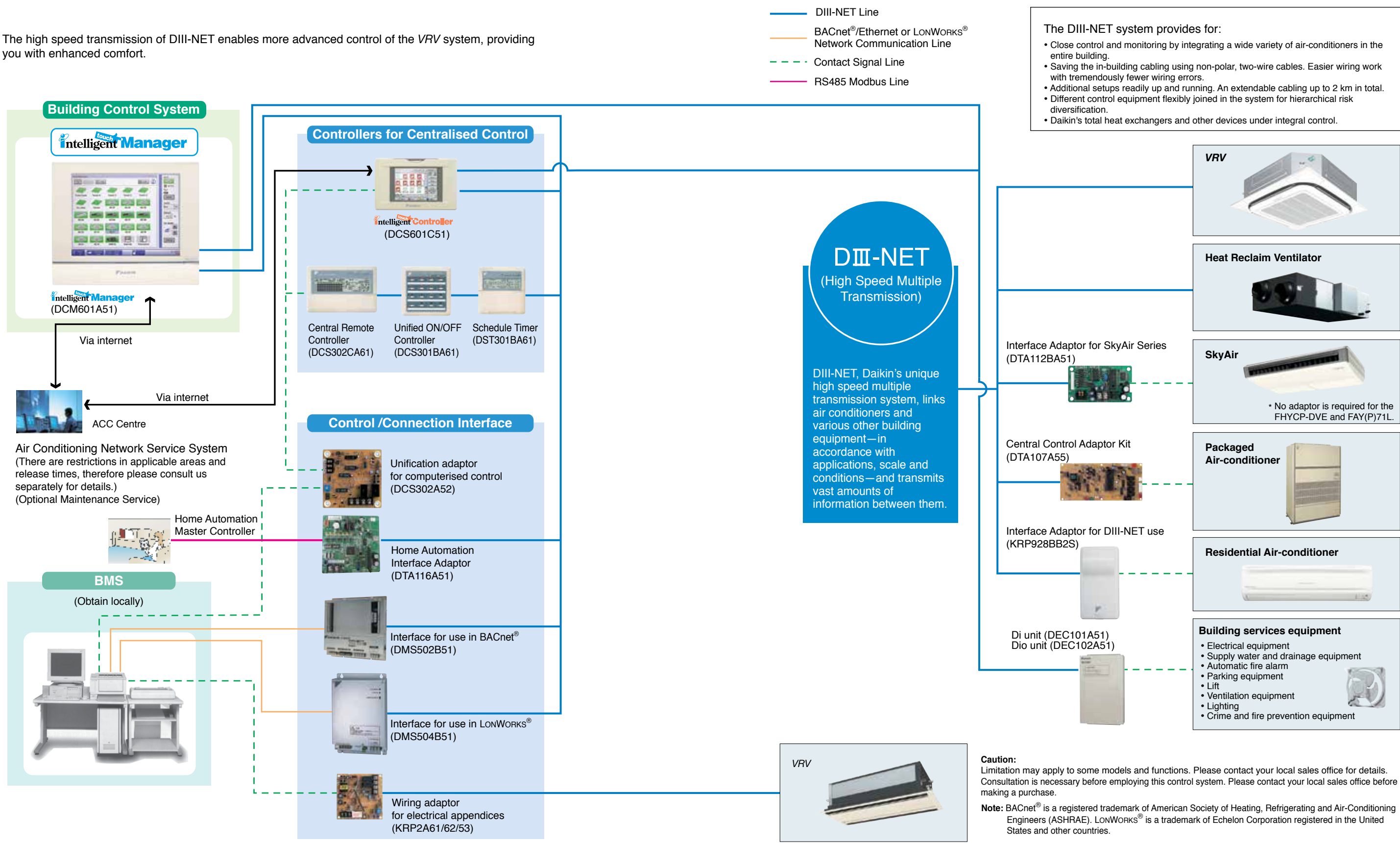
\*3. LonWorks® is a trademark of Echelon Corporation registered in the United States and other countries.

\*4. For an I/F unit, one of the following can be selected: **Local Controller**, intelligent touch Controller, or intelligent touch Manager.

\*5. Refer to the Options page for the name of each model.

## Integrated Building Monitoring System

The high speed transmission of DIII-NET enables more advanced control of the VRV system, providing you with enhanced comfort.





Option List

Operation Control System Optional Accessories

For VRV indoor unit use

No.	Item	Type	FXFQ-S	FXFQ-P	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-PB FXDQ-NB
1	Remote controller	Wireless	C/O BRC7F635F	H/P BRC7F634F	BRC7E531W BRC7E530W	BRC7CB59 BRC7CB58	BRC7C67 BRC7C62	BRC4C63 BRC4C61	BRC4C66 BRC4C65
2	Navigation remote controller (Wired remote controller)		BRC1E62 Note 7						
3	Simplified remote controller (Exposed type)								BRC2C51
4	Remote controller for hotel use (Concealed type)		—						BRC3A61
5	Adaptor for wiring		★KRP1C63	★KRP1BA57	—	★KRP1B61	KRP1B61	★KRP1B56	
6-1	Wiring adaptor for electrical appendices (1)		★KRP2A62	★KRP2A62	—	★KRP2A61	KRP2A61	★KRP2A53	
6-2	Wiring adaptor for electrical appendices (2)		★KRP4AA53	★KRP4AA53	★KRP4AA53	★KRP4AA51	KRP4AA51	★KRP4A54	
7	Remote sensor (for indoor temperature)		KRCS01-4B	KRCS01-1B				KRCS01-1B	
8	Installation box for adaptor PCB★		Note 2, 3 KRP1H98	Note 4, 6 KRP1BA101	KRP1BA97	Note 2, 3 KRP1B96	—	Note 4, 6 KRP1BA101	
9	External control adaptor for outdoor unit		★DTA104A62	★DTA104A62	—	★DTA104A61	DTA104A61	★DTA104A53	
10	Adaptor for multi tenant		★DTA114A61	—	—	—	—	—	

No.	Item	Type	FXSYQ-M	FXDYQ-M(A)	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P	FXLQ-MA FXNQ-MA
1	Remote controller	Wireless	C/O BRC4C64	H/P BRC4C62	BRC4C66 BRC4C65	BRC4C64 BRC4C62	BRC7EA66 BRC7EA63W	BRC7EA619 BRC7EA618	BRC4C64 BRC4C62
2	Navigation remote controller (Wired remote controller)		BRC1E62 Note 7						
3	Simplified remote controller (Exposed type)		BRC2C51						BRC2C51
4	Remote controller for hotel use (Concealed type)		BRC3A61						BRC3A61
5	Adaptor for wiring		KRP1B61	★KRP1C64	KRP1B61	KRP1BA54	—	KRP1B61	
6-1	Wiring adaptor for electrical appendices (1)		KRP2A61	★KRP2A61	KRP2A61	★KRP2A61	★KRP2A61	KRP2A61	
6-2	Wiring adaptor for electrical appendices (2)		KRP4AA51	★KRP4AA51	KRP4AA51	★KRP4AA52	★KRP4AA52	KRP4AA51	
7	Remote sensor (for indoor temperature)		KRCS01-1B	KRCS01-4B				KRCS01-1B	
8	Installation box for adaptor PCB☆		Note 5 KRP4A91	—	Note 2, 3 KRP4A96	—	Note 3 KRP1CA93	Note 2, 3 KRP4AA93	—
9	External control adaptor for outdoor unit		DTA104A61	★DTA104A61	DTA104A61	★DTA104A62	★DTA104A61	DTA104A61	
10	Adaptor for multi tenant		—	★DTA114A61	—	—	★DTA114A61	—	

- Notes: 1. Installation box ☆ is necessary for each adaptor marked ★.  
2. Up to 2 adaptors can be fixed for each installation box.  
3. Only one installation box can be installed for each indoor unit.  
4. Up to 2 installation boxes can be installed for each indoor unit.  
5. Installation box ☆ is necessary for second adaptor.  
6. Installation box ☆ is necessary for each adaptor.  
7. Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E62. Cannot be set via other remote controllers.

For residential indoor unit use

No.	Type			FCQ-B	FFQ-B	FBQ-B	FHQ-B	CDK(X)S-EA C(F)DK(X)S-C	FTKS-K(A) FTXS-K(A)	FVXS-K	FLXS-B FLXS-G
1	Remote controller	Wired <sup>Note 1</sup>	BRC1E62					BRC944B2 <sup>Note 2</sup>		—	
		Wireless	C/O	BRC7C613W	BRC7E531W	—	BRC7EA66	— <sup>Note 3</sup>			
			H/P	BRC7C612W	BRC7E530W		BRC7EA63W	—			
2	Wired remote controller cord	Length 3 m (shielded wire)	—					BRCW901A03		—	
		Length 8 m (shielded wire)	—					BRCW901A08		—	
3	Adaptor for wiring		<sup>Note 4</sup> KRP1BA57	<sup>Note 5</sup> KRP1BA57	KRP1BA54	KRP1BA54	—				
4	Wiring adaptor for electrical appendices		<sup>Note 4</sup> KRP4AA53	<sup>Note 5</sup> KRP4AA53	KRP4AA51	KRP4AA52	—				
5	Installation box for adaptor PCB		KRP1B98	KRP1BA101	—	KRP1CA93	—				
6	Remote sensor (for indoor temperature)		—	KRCS01-1B	—						
7	Wiring adaptor for time clock/remote controller <sup>Note 6</sup> (Normal open pulse contact/normal open contact)		—				KRP413AB1S				
8	Remote controller loss prevention chain		—				KKF917A4	KKF910A4	KKF917A4		

- Notes: 1. Wiring for wired remote controller should be obtained locally.  
2. 3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary.  
3. A wireless remote controller is a standard accessory for C(F)DXS, FTK(X)S, FVXS and FLXS models.  
4. Installation box for adaptor PCB (KRP1B98) is necessary.  
5. Installation box for adaptor PCB (KRP1BA101) is necessary.  
6. Time clock and other devices should be obtained locally.

System Configuration

No.	Item	Type	Model No.	Function
1	Residential central remote controller		Note 2 DCS303A51	• Up to 16 groups of indoor units (128 units) can be easily controlled using the large LCD panel. ON/OFF, temperature settings and scheduling can be controlled individually for indoor units.
2	Central remote controller		DCS302CA61	• Up to 64 groups of indoor units(128 units) can be connected, and ON/OFF, temperature setting and monitoring can be accomplished individually or simultaneously. Connectable up to 2 controllers in one system.
2-1	Electrical box with earth terminal (3 blocks)		KJB311AA	• Up to 16 groups of indoor units(128 units) can be turned, ON/OFF individually or simultaneously, and operation and malfunction can be displayed. Can be used in combination with up to 8 controllers.
3	Unified ON/OFF controller		DCS301BA61	
3-1	Electrical box with earth terminal (2 blocks)		KJB212AA	
3-2	Noise filter (for electromagnetic interface use only)		KEK26-1A	• Programmed time weekly schedule can be controlled by unified control for up to 64 groups of indoor units (128 units). Can turn units ON/OFF twice per day.
4	Schedule timer		DST301BA61	• Up to 5 indoor units can be controlled. This is a low cost system which can only control ON/OFF.
5	5-room centralised controller for residential indoor units	For C(F)DK(X)S, FTK(X)S, FVXS, FLXS	Note 3 KRC72A	• Adaptors required to connect products other than those of the VRV System to the high-speed DIII-NET communication system adopted for the VRV System.  * To use any of the above optional controllers, an appropriate adaptor must be installed on the product unit to be controlled.
6	Interface adaptor for residential indoor units	For C(F)DK(X)S, FTK(X)S, FVXS, FLXS	KRP928BB2S	
7	Interface adaptor for SkyAir-series	For FCQ-B, FFQ-B, FHQ-BV, FAQ100BV,FBQ-B	★DTA112BA51	
8	Central control adaptor kit	For UAT(Y)-K(A),FD-K	★DTA107A55	• Up to 1024 units can be centrally controlled in 64 different groups. • Wiring restrictions (max. length: 1,000m, total wiring length: 2,000m, max. number of branches: 16) apply to each adaptor.
9	Wiring adaptor for other air-conditioner		★DTA103A51	
10	DIII-NET Expander Adaptor		DTA109A51	

- Note: 1. Installation box for ★ adaptor must be obtained locally.  
2. For residential use only. Cannot be used with other centralised control equipment.  
3. A wiring adaptor (KRP413AB1S) is also required for each indoor unit.

Building Management System





No.	Item				Model No.	Function
1	intelligent Touch Controller	Basic	Hardware	intelligent Touch Controller	DCS601C51	• Air-Conditioning management system that can be controlled by a compact all-in-one unit.
1-1		Option	Hardware	DIII-NET plus adaptor	DCS601A52	• Additional 64 groups (10 outdoor units) is possible.
1-2	Electrical box with earth terminal (4 blocks)				KJB411A	• Wall embedded switch box.
2	intelligent Touch Manager	Basic	Hardware	intelligent Touch Manager	DCM601A51	• Air-conditioning management system that can be controlled by touch screen.
2-1		Option	Hardware	iTM plus adaptor	DCM601A52	• Additional 64 groups (10 outdoor units) is possible. Max. 7 iTM plus adaptors can be connected to intelligent Touch Manager.
2-2			Software	iTM power proportional distribution	DCM002A51	• Power consumption of indoor units are calculated based on operation status of the indoor unit andoutdoor unit power consumption mea - sured by kWh metre.
2-3				iTM energy navigator	DCM008A51	• Building energy consumption is visualised. Wasted air-conditioning energy can be found out.
2-4						
2-5	Di unit				DEC101A51	• 8 pairs based on a pair of ON/OFF input and abnormality input.
2-6	Dio unit				DEC102A51	• 4 pairs based on a pair of ON/OFF input and abnormality input.
3	Communication interface	*1 Interface for use in BACnet®			DMS502B51	• Interface unit to allow communications between VRV and BMS. Operation and monitoring of air-conditioning systems through BACnet® communication.
3-1		Optional DIII board			DAM411B51	• Expansion kit, installed on DMS502B51, to provide 2 more DIII-NET communication ports. Not usable independently.
3-2		Optional Di board			DAM412B51	• Expansion kit, installed on DMS502B51, to provide 16 more wattmeter pulse input points. Not usable independently.
4		*2 Interface for use in LONWORKS®			DMS504B51	• Interface unit to allow communications between VRV and BMS. Op - eration and monitoring of air-conditioning systems through LonWorks® communication.
5		Home Automation Interface Adaptor			DTA116A51	• Use of the Modbus protocol enables the connection of the VRVsys - tem with a variety of home automation systems from other manufac - turers.
6	Contact/ana - logue signal	Unification adaptor for computerised control			★DCS302A52	• Interface between the central monitoring board and central control units.

- Notes: \*1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).  
\*2. LonWorks® is a trademark of Echelon Corporation registered in the United States and other countries.  
\*3. Installation box for ★ adaptor must be obtained locally.



A recent trend rapidly gaining popularity is for air treatment to be required as well as air conditioning. Daikin's Outdoor-Air Processing Unit can combine fresh air treatment and air conditioning, supplied from a single system. It adjusts the temperature of air from outdoors using a fixed discharge temperature control. Along with Outdoor-Air Processing Units, we also offer Heat Reclaim Ventilator systems. The Heat Reclaim Ventilator VAM-GJ series units in particular have been praised for their compactness, energy conservation and extensive operation range of outdoor temperatures. This series provides higher enthalpy efficiency<sup>★1</sup>, due to the greatly<sup>★2</sup> enhanced performance of the thin film element. Furthermore, improved external static pressure offers more flexibility for installation. The Heat Reclaim Ventilator VKM-GAM series units, equipped with a DX-coil and a humidifier, provide further advanced features, such as temperature adjustment to suit conditions indoors and to prevent cold air from blowing on people directly during heating operation. The series also realises significant energy savings by exercising heat recovery.

★1 For models: VAM150/250/350/650/800/1000/2000GJVE  
★2 For models: VAM150/350/500GJVE

		Outdoor-Air Processing Unit	Heat Reclaim Ventilator		
			VKM-GAM Type	VKM-GA Type	VAM-GJ Type
					
Connections with VRVIV	Refrigerant Piping	Connectable	Connectable	Connectable	Not connectable
	Wiring	Connectable	Connectable	Connectable	Connectable
	After-cool & After-heat Control	Available	Available	Available	Not available
Heat Exchange Element		—	Energy savings obtained		Energy savings obtained
Humidifier		—	Fitted	—	—
High Efficiency Filter		Option	Option		Option
Ventilation System		Air supply only	Air supply & air exhaust		Air supply & air exhaust
Power Supply		220-240 V, 50 Hz	220-240 V, 50 Hz		220-240 V/220 V, 50 Hz/60 Hz
Airflow Rate					150 m³/h
					250 m³/h
					350 m³/h
			500 m³/h		500 m³/h
					650 m³/h
			800 m³/h		800 m³/h
		1080 m³/h	1000 m³/h		1000 m³/h
		1680 m³/h			1500 m³/h
		2100 m³/h			2000 m³/h

\*Refers to bringing outdoor air to near indoor temperature and delivering to a room.



## Outdoor-Air Processing Unit 50 Hz only

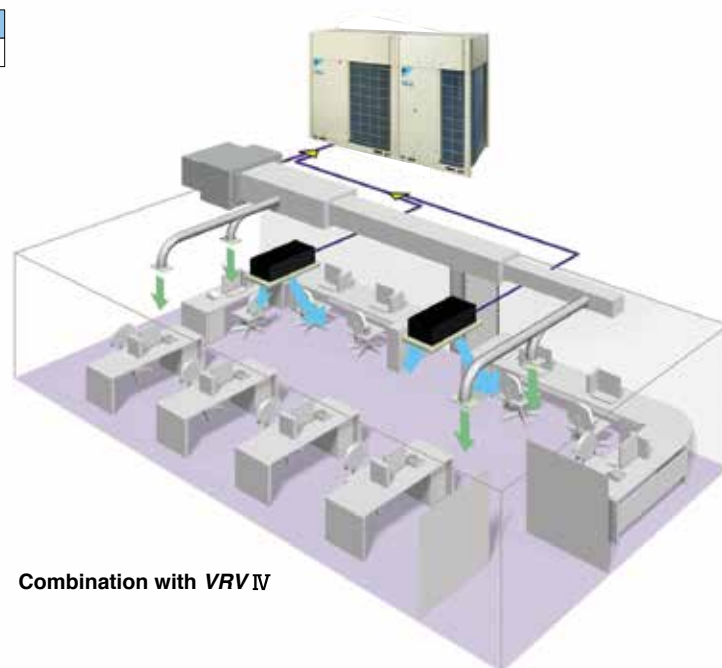
Combine fresh air treatment and air conditioning, supplied from a single system.

### Lineup

Model Name	FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Capacity Index	125	200	250

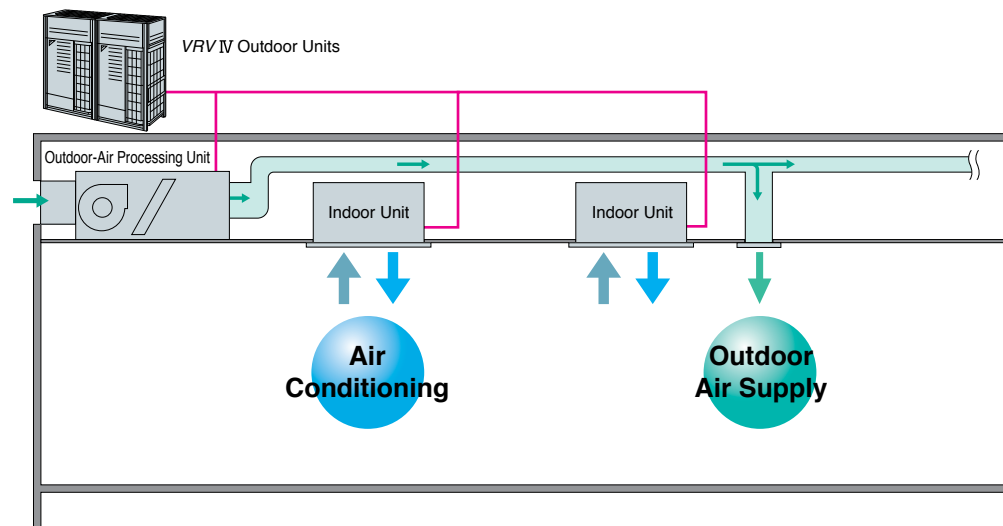


Fresh air treatment and air conditioning can be achieved with a single system by using heat pump technology—without the usual troublesome air supply and air discharge balance design. Fan coil units for air conditioning and an outdoor-air processing unit can be connected to the same refrigerant line. The results are enhanced design flexibility and a significant reduction in total system costs.



Combination with VRV IV

Air conditioning and outdoor air processing can be accomplished using a single system.



### Connection Conditions

The following restrictions must be observed in order to maintain the indoor units connected to the same system.

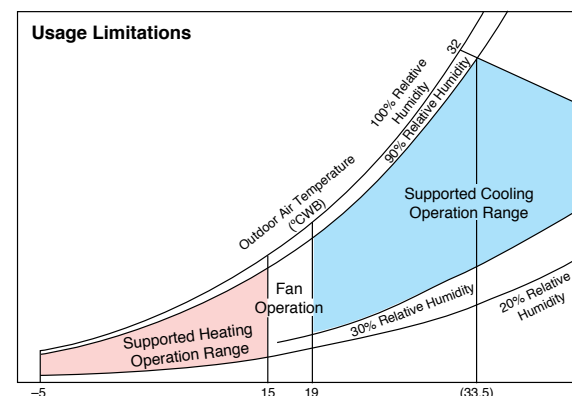
- When outdoor-air processing units are connected, the total connection capacity index must be 50% to 100% of the capacity index of the outdoor units.
- When outdoor-air processing units and standard indoor units are connected, the total connection capacity index of the outdoor-air processing units must not exceed 30% of the capacity index of the outdoor units.
- Outdoor-air processing units can be used without indoor units.

- The unit introduces outdoor air and adjusts the outdoor air temperature via fixed discharge temperature control, thereby reducing the air conditioning load.
- \* The system can operate with outdoor-air temperatures ranging from -5 to 43°C. Heating performance is somewhat adversely affected when the outdoor-air temperature is 0°C or below.
- \* When shipped from the factory, the thermostat is set at 18°C for cooling and 25°C for heating. The set temperature can be varied within the range of 13–25°C during cooling operation, and 18–30°C during heating operation, in the local setting mode using the wired remote controller. The temperature, however, is not displayed on the remote controller.
- \* While in machine protection mode and depending on outdoor air conditions, discharge air temperature may not be at the set temperature.
- \* The fan stops when operating in defrosting, oil returning and hot start operations. The fan also may stop due to mechanical protection control.
- Ceiling mounted duct units with three differing capacities are available. These can be connected to VRV series outdoor units to meet a variety of different requirements.

### Airflow rate

Model Name	Airflow rate (m³/h)
FXMQ125MFV1	1,080
FXMQ200MFV1	1,680
FXMQ250MFV1	2,100

- Optional equipment includes long-life filters.
- Compatible with outdoor temperatures from -5°C to 43°C.



### Notes:

1. The data shown in the graph illustrates the supported operation ranges under the following conditions.  
Indoor and Outdoor Unit  
Effective piping length: 7.5 m  
Height differential: 0 m
2. The discharge temperature can be set using the remote controller. However, the actual temperature may not match the temperature setting under some circumstances due to the outdoor-air processing load or mechanical protection controls.
3. The system will not operate in fan mode when the outdoor air temperature is 5°C or below.

- High-performance filters with dust collection efficiencies (JIS calorimetry) of 90% and 65% are also available as options.

- As with the VRV IV system, a variety of control systems can be deployed, including remote control from distances of up to 500 m.

- \* Group control is not possible between this unit and standard type indoor units. Connect remote controllers to each unit.



BRC1E62  
"Nav Ease"  
(Wired remote controller)  
(option)

- The "self-diagnosis function" indicates the occurrence and nature of abnormalities in the system by displaying codes on the remote controller.

- A central control system compatible with the VRV IV system can be installed.

- \* It is not possible to change the discharge air temperature settings from the central control system.

- \* Do not associate this equipment into zones with standard indoor units, as central control will not be possible.



DCS302CA61  
Central remote controller  
(option)

- As with the VRV IV system, the equipment employs the "super wiring system" so that the wiring linking indoor and outdoor units can also be utilised for central control.

### Notes:

- \* Linked control of the product and the Heat Reclaim Ventilator is not supported.
- \* This equipment is intended for the treatment of outdoor air only. It is not to be used for maintaining indoor air temperature. Install and use with standard indoor units. Be sure to position the air discharge openings of the product in positions where the airflow will not blow on people directly. When outdoor-air processing is in excess, the unit switches to thermo-off mode, and outdoor air flows into the room directly.
- \* For outdoor ducts, be sure to provide heat insulation to prevent condensation.
- \* Group control of the product and the standard indoor units is not supported. A separate remote controller should be connected to each individual unit.
- \* The system will not operate in fan mode when the outdoor air temperature is 5°C or below.
- \* If the product is allowed to operate 24 hours a day, maintenance (part replacement, etc.) must be performed periodically.
- \* Temperature setting and Power Proportional Distribution (PPD) are not possible even if the intelligent Touch Controller or the intelligent Touch Manager is installed.
- \* The remote controller wired to the outdoor-air processing unit must not be set as the master remote controller. Otherwise, when set to "Auto," the operation mode will switch according to the outdoor air conditions, regardless of the indoor temperature.



## STANDARD SPECIFICATIONS

### Indoor unit

Type				Ceiling Mounted Duct Type					
Model				FXMQ125MFV1		FXMQ200MFV1		FXMQ250MFV1	
Power supply				1-phase 220-240 V (also required for indoor units), 50 Hz					
Cooling capacity *1			kcal/h	12,000		19,300		24,100	
			Btu/h	47,800		76,400		95,500	
			kW	14.0		22.4		28.0	
Heating capacity *1			kcal/h	7,700		12,000		15,000	
			Btu/h	30,400		47,400		59,400	
			kW	8.9		13.9		17.4	
Power consumption			kW	0.359		0.548		0.638	
Casing				Galvanised steel plate					
Dimensions (H×W×D)			mm	470X744X1,100		470X1,380X1,100			
Fan	Motor output		kW	0.380					
	Airflow rate		ℓ/s	300		466		583	
			m³/min	18		28		35	
	External static pressure		240 V	Pa	225		275		255
Air filter				*2					
Refrigerant piping	Liquid		mm	φ 9.5 (flare)					
	Gas		mm	φ 15.9 (flare)		φ 19.1 (brazing)		φ 22.2 (brazing)	
	Drain		mm	PS1B female thread					
Machine weight			kg	86		123			
Sound level *3		240 V	dB(A)	43		48			
Connectable outdoor units *4				6HP AND ABOVE		8HP AND ABOVE		10HP AND ABOVE	
Operation range (Fan mode operation between 15 and 19°C)			Cooling	19 to 43°C					
			Heating	-5 to 15°C					
Range of the discharge temperature *6			Cooling	13 to 25°C					
			Heating	18 to 30°C					

Notes: \*1. Specifications are based on the following conditions:  
• Cooling: Outdoor temp. of 33CDB, 28CWB (68% RH), and discharge temp. of 18CDB.  
• Heating: Outdoor temp. of 0CDB, -2.9CWB (50% RH), and discharge temp. of 25CDB.  
• Equivalent reference piping length: 7.5 m (0 m horizontal)  
\*2. An intake filter is not supplied, so be sure to install the optional long-life filter or high-efficiency filter.  
Please mount it in the duct system of the suction side. Select a dust collection efficiency (gravity method) of 50% or more.  
\*3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.  
These values are normally somewhat higher during actual operation as a result of ambient conditions.

\*4. It is possible to connect to the outdoor unit if the total capacity of the indoor units is 50% to 100% of the capacity index of the outdoor unit.  
\*5. It is not possible to connect to the 6 class outdoor unit.  
\*6. Local setting mode. Not displayed on the remote controller.  
• This equipment cannot be incorporated into the remote group control of the VRV IV system.

## OPTIONS

### Indoor unit

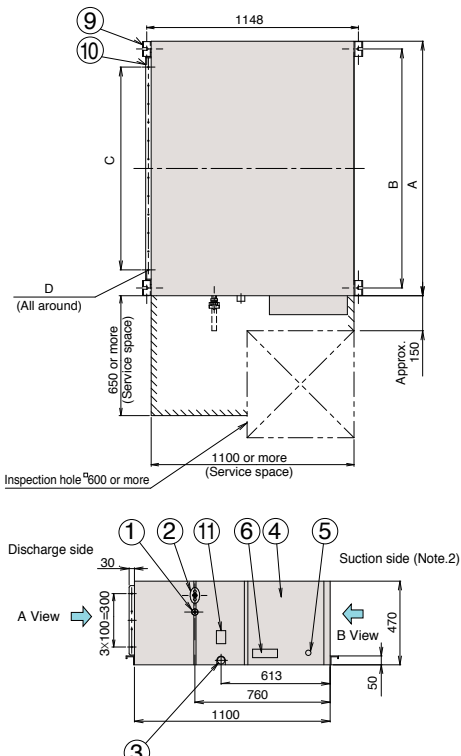
Model			FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Operation/control	Operation remote controller		BRC1E62		
	Central remote controller		DCS302CA61		
	Unified ON/OFF controller		DCS301BA61		
	Schedule timer		DST301BA61		
	Wiring adaptor for electrical appendices (1)		KRP2A61		
	Wiring adaptor for electrical appendices (2)		KRP4AA51		
Filters	Long-life replacement filter		KAFJ371L140	KAFJ371L280	
	High-efficiency filter	Colourimetric method 65%	KAFJ372L140	KAFJ372L280	
		Colourimetric method 90%	KAFJ373L140	KAFJ373L280	
	Filter chamber *1		KDJ3705L140	KDJ3705L280	
Drain pump kit			KDU30L250VE		
Adaptor for wiring			KRP1B61		

Notes: \*1. Filter chamber has a suction-type flange. (Main unit does not.)  
• Dimensions and weight of the equipment may vary depending on the options used.  
• Some options may not be usable due to the equipment installation conditions, so please confirm prior to ordering.

• Some options may not be used in combination.  
• Operating sound may increase somewhat depending on the options used.

## DIMENSIONS

### FXMQ125/200/250MFV1



\*These diagrams are based on FXMQ200 and FXMQ250MFV1.

### Local connection piping size

Model	Gas piping diameter	Liquid piping diameter
FXMQ125MFV1	φ15.9	φ9.5
FXMQ200MFV1	φ19.1 attached piping	φ9.5
FXMQ250MFV1	φ22.2 attached piping	φ9.5

### Table of dimensions

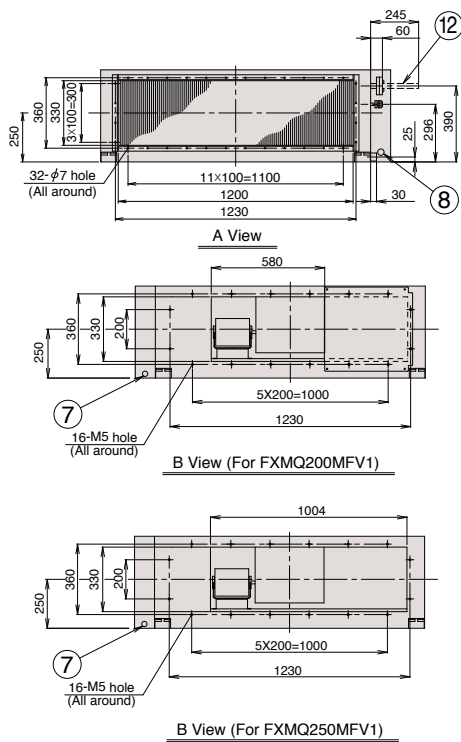
Model	A	B	C	D
FXMQ125MFV1	744	685	5X100=500	20-φ4.7 hole
FXMQ200MFV1	1380	1296	11X100=1100	32-φ4.7 hole
FXMQ250MFV1	1380	1296	11X100=1100	32-φ4.7 hole

#### Notes:

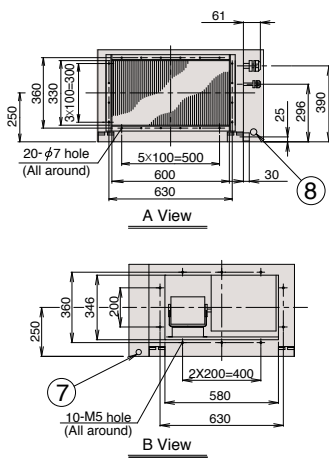
- The attached piping in the diagram is for FXMQ200MFV1 and FXMQ250MFV1 only. The gas piping connection port (② in the diagram) has a different bore form with FXMQ125MFV1.
- An air filter is not supplied with this unit. Be sure to mount an air filter in the suction side. [Use a filter with dust collection efficiency of at least 50% (gravimetric method). This is available as an option.]
- For outdoor ducts, be sure to provide heat insulation to prevent condensation.

- |                           |                                  |
|---------------------------|----------------------------------|
| ① Liquid pipe connection  | ⑦ Power supply wiring connection |
| ② Gas pipe connection     | ⑧ Transmission wiring connection |
| ③ Drain piping connection | ⑨ Hanger bracket                 |
| ④ Electric parts box      | ⑩ Discharge companion flange     |
| ⑤ Ground terminal         | ⑪ Water supply port              |
| ⑥ Name plate              | ⑫ Attached piping (Note. 1)      |

### FXMQ200/250MFV1

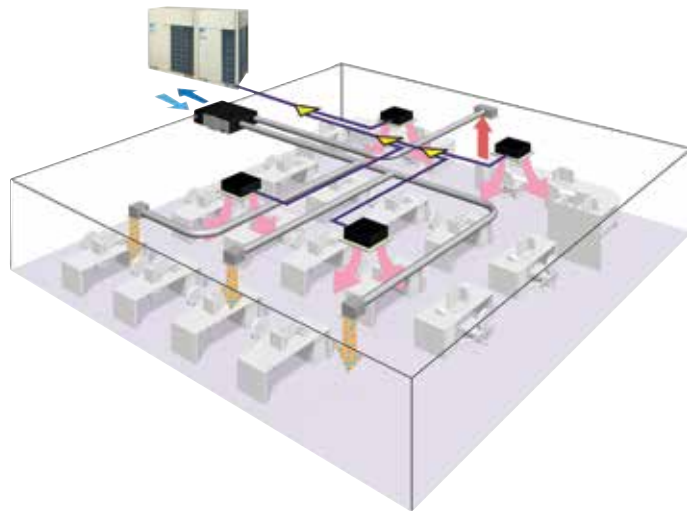


### FXMQ125MFV1



## Heat Reclaim Ventilator with DX-Coil and Humidifier — VKM series 50 Hz only

The Heat Reclaim Ventilator lineup features the DX-coil in response to recently diversifying outdoor air introduction requirements.



### Lineup

With DX Coil & Humidifier Type			
Model Name	VKM50GAMV1	VKM80GAMV1	VKM100GAMV1
Capacity Index	31.25	50	62.5

With DX Coil Type			
Model Name	VKM50GAV1	VKM80GAV1	VKM100GAV1
Capacity Index	31.25	50	62.5



### Humidifier

The lineup includes models with a humidifier, in response to diversifying customer requirements. (VKM50/80/100GAMV1 only)

### DX-coil

The Heat Reclaim Ventilator features DX-coil that contributes to the prevention of cold airflow hitting people directly during heating operation, due to the after-cool, after-heat operations done beforehand.

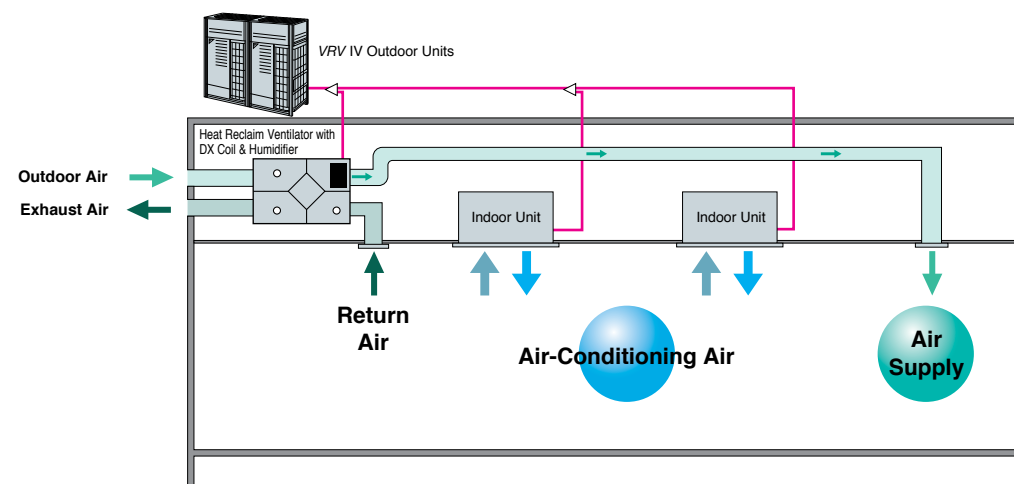
### High static pressure

High external static pressure means enhanced design flexibility.

### Efficient outdoor air introduction is possible

The Heat Reclaim Ventilator (VKM series) series introduces fresh outdoor air with minimum heat losses, while a wide variety of features respond to customer requirements.

Air conditioning and outdoor air processing can be accomplished using a single system.

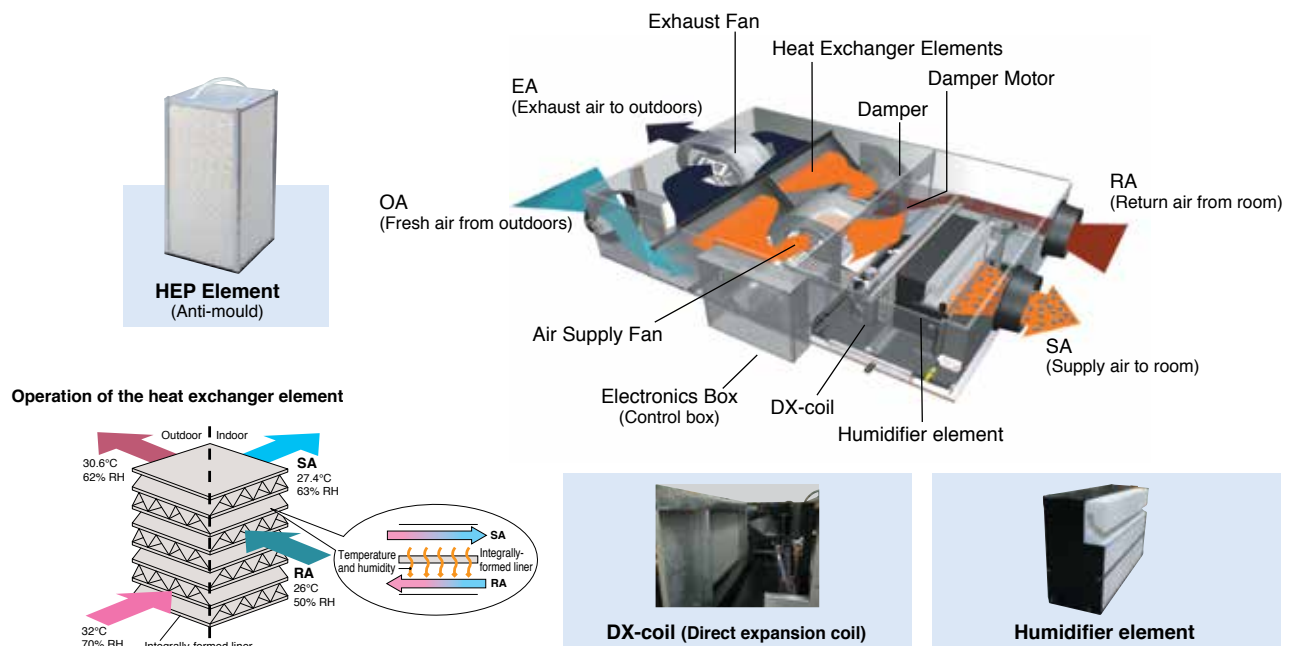


### Connection Conditions

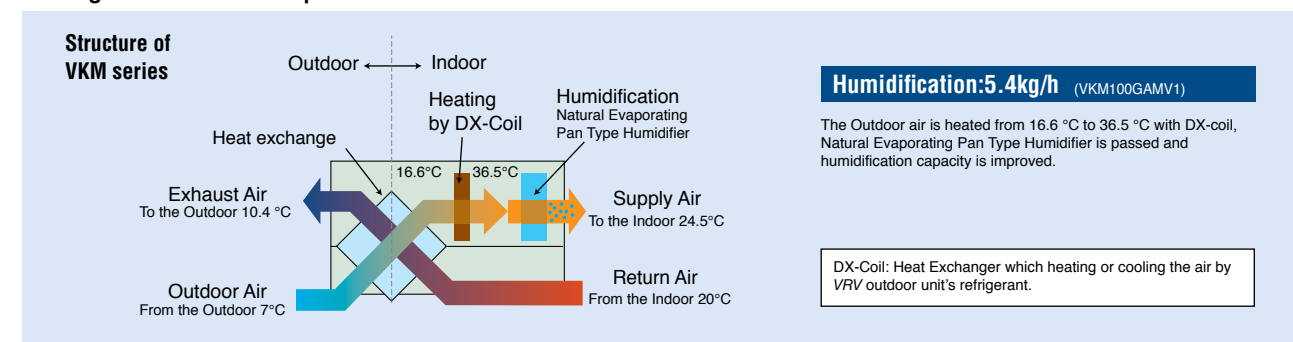
The following restrictions must be observed in order to maintain the indoor units connected to the same system.

- When the Heat Reclaim Ventilator VKM series units are connected, the total connection capacity index must be 50% to 130% of the capacity index of the outdoor units.

### A compact unit packed with Daikin's cutting-edge technologies



### Heating and humidification process



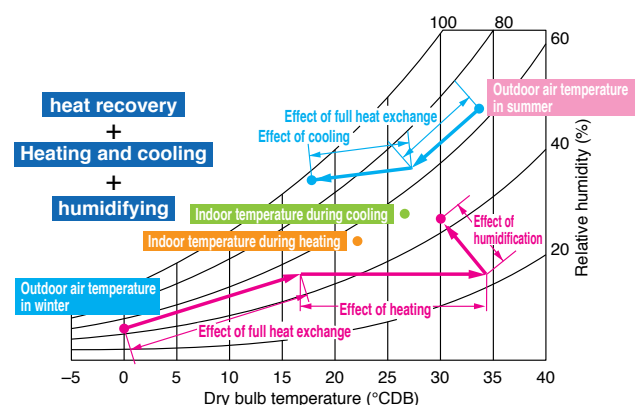
### Efficient outdoor air introduction with heat exchanger and cooling/heating operation

#### Indoor unit with outdoor air treatment

Using outdoor air, the temperature can be brought near room temperature with minimal cooling capacity through the use of outdoor air.

#### Other features

- Integrated system includes ventilation and humidifying operations.
- Ventilation, cooling/heating and humidifying are possible with one remote controller.





## DIMENSIONS

**Front View Dimensions and Labels:**

- Overall width: 377
- Top flange width: 235
- Bottom flange width: 153
- Bottom flange depth: 160
- Exhaust air fan (EA) and Fresh air fan (OA) ports.
- Exhaust air to outdoors (EA) and Fresh air from outdoors (Outdoor air) (OA) arrows.
- Supply air fan, Damper plate, Direct expansion coil, Feed water tank\*1, Hanger bracket 4-14 x 40 oval hole.
- Overall height: 600
- Internal height segments: 153, 150-250, 600.
- Maintenance space for the heat exchanger elements, air filters, fans (and humidifier).

**Side View Dimensions and Labels:**

- Overall height: 160
- Internal height segments: 210, 31, 32, 28, 94, 144, 210.
- Return air from room (RA) and Supply air to room (SA) arrows.
- Solenoid valve\*1, Humidifier (Natural evaporative type)\*1, Maintenance cover (For humidifier)\*1.

**Top View Dimensions and Labels:**

- Overall width: 1764
- Internal width segments: 10, 515, 322, 102.
- High efficiency filter (option), Gas pipe connection (ø12.7), Liquid pipe connection (ø6.4), Drain outlet (PT3/4 male screw).
- Heat exchanger elements, Air filters, Feed water connection port\*1 (ø6.4C/1220T).

	VKM50GA(MV)1	VKM80/100GA(MV)1
A	832	1,214
B	248	439
C	431	622
D	164	183
E	420	592
F	248	439
G	878	1,262
H	137	89
I	137	89
J	ø196	ø246
K	ø250	ø263

\* The specification subject to change without notice.  
 \* Be sure to provide two inspection hatch.  
 \* The high efficiency filter (option) can be attached to the SA side of the heat exchanger elements.  
 Note \*1. VKM50/80/100GAMV1 only.

Item		Type	VKM50/80/100GA(M)V1												
Controlling device	Remote controller		BRC1E62 *1												
	Centralised controlling device	Residential central remote controller	DCS303A51 *2												
		Central remote controller	DCS302CA61												
		Unified ON/OFF controller	DCS301BA61												
		Schedule timer	DST301BA61												
	PC Board Adaptor	Wiring adaptor for electrical appendices	KRP2A61												
		For humidifier running ON signal output	KRP50-2												
		For heater control kit	BRP4A50												
		For wiring	Type (indoor unit of VRV)	FXFQ-S FXFQ-LU	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-PB FXDQ-NB	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P	FXLQ-MA FXNQ-MA	FXVQ-M
				KRP1C63★	KRP1BA57★	KRP1C67	KRP1B61★	KRP1B61	KRP1B56★	KRP1C64★	KRP1B61	KRP1BA54	—	KRP1B61	KRP1C67
	Installation box for adaptor PCB☆			Notes 2, 3 KRP1H98	Note 4, 6 KRP1BA101	—	Notes 2, 3 KRP1B96	—	Notes 4, 6 KRP1BA101	Notes 2, 3 KRP4A96	—	Note 3 KRP1CA93	Notes 2, 3 KRP4AA93	—	—

Notes: 1. Installation box ☆ is necessary for each adaptor marked ☆.  
2. Up to 2 adaptors can be fixed for each installation box.  
3. Only one installation box can be installed for each indoor unit.  
4. Up to 2 installation boxes can be installed for each indoor unit.  
5. Installation box ☆ is necessary for second adaptor.

Item		Type	VKM50GA(M)V1	VKM80GA(M)V1	VKM100GA(M)V1
Additional function	Silencer		—	KDDM24B100	
		Nominal pipe diameter mm	—	φ 250 mm	
	Air suction/ Discharge grille	White	K-DGL200B	K-DGL250B	
		Nominal pipe diameter mm	φ 200	φ 250	
	High efficiency filter		KAF242H80M	KAF242H100M	
	Air filter for replacement		KAF241G80M	KAF241G100M	
	Flexible duct (1 m)		K-FDS201D	K-FDS251D	
	Flexible duct (2 m)		K-FDS202D	K-FDS252D	

## Heat Reclaim Ventilator — VAM series

The Heat Reclaim Ventilator Creates a High-Quality Environment by Interlocking with the Air Conditioner

### Model Names

VAM150GJVE, VAM250GJVE, VAM350GJVE,  
VAM500GJVE, VAM650GJVE, VAM800GJVE,  
VAM1000GJVE, VAM1500GJVE, VAM2000GJVE

**Improved Enthalpy Efficiency<sup>\*1</sup>**  
**Higher External Static Pressure<sup>\*2</sup>**  
**Enhanced Energy Saving Functions**

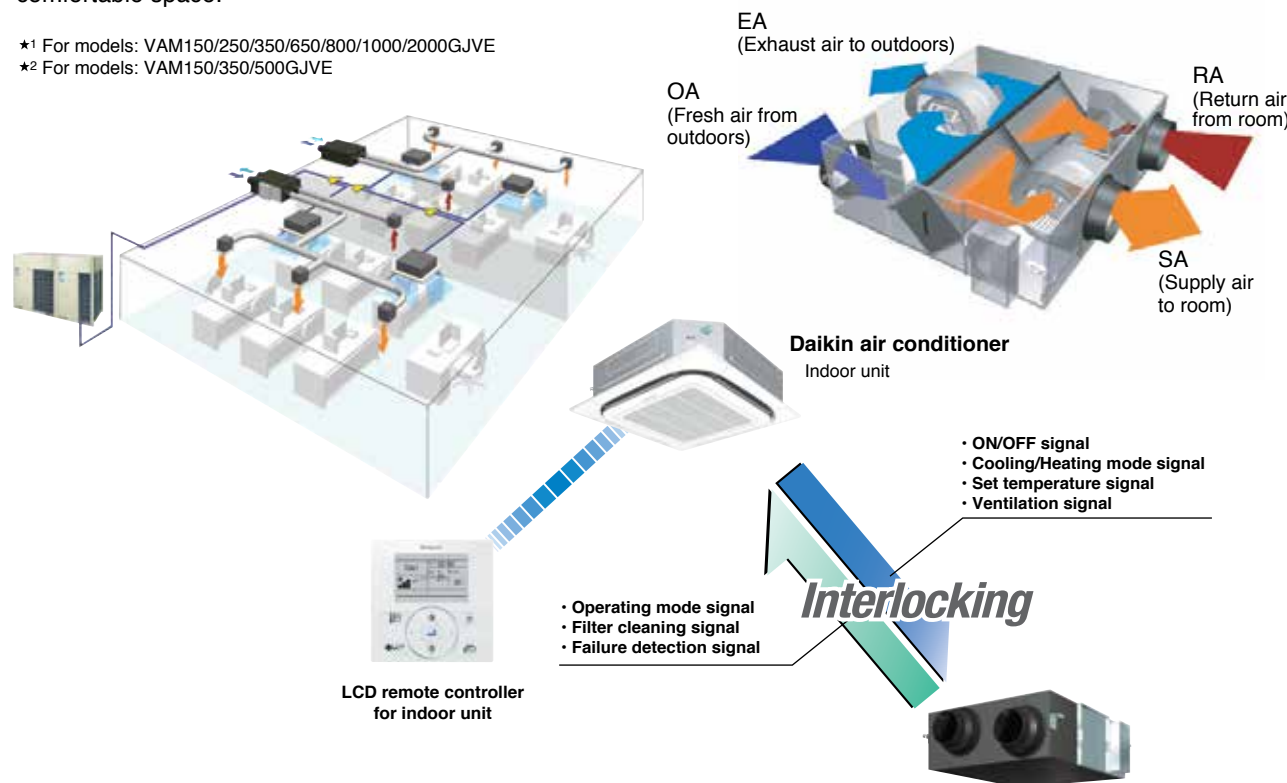


Heat Reclaim Ventilator remote controller\*  
BRC301B61 (Option)

\* This remote controller is used in case of independent operation of Heat Reclaim Ventilator.

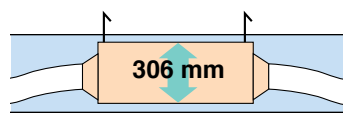
This VAM series provides higher enthalpy efficiency<sup>\*1</sup>, due to the greatly enhanced performance of the thin film element. Furthermore, improved external static pressure<sup>\*2</sup> offers more flexibility for installation. Along with these three outstanding improvements, the nighttime free cooling operation contributes to energy conservation and more comfortable space.

<sup>\*1</sup> For models: VAM150/250/350/650/800/1000/2000GJVE  
<sup>\*2</sup> For models: VAM150/350/500GJVE



### Compact Equipment

With a height of just 306 mm, the unit easily fits in limited spaces, such as above ceilings.



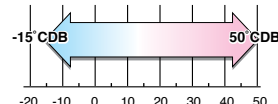
\* For VAM500GJVE

### Energy Conservation

Air conditioning load reduced by approximately 31%!

### Cold Climate Compatible

Standard operation at temperatures down to -15°C.



## Air conditioning load reduced by approximately 31%!

### Total heat exchange ventilation

This unit recovers heat energy lost through ventilation and curbs room temperature changes caused by ventilation, thereby conserving energy and reducing the load on the air conditioning system.

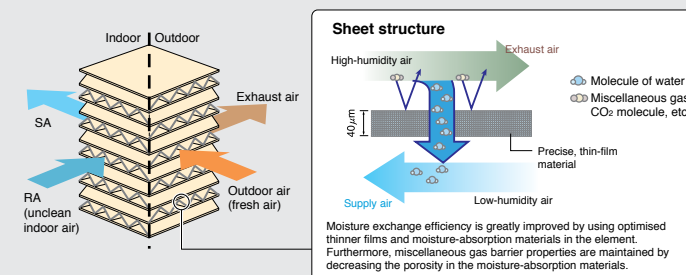
### Enthalpy efficiency drastically improved by employing thin film element! (VAM-GJ model)

Due to the thinner film...

- Decreases the moisture resistance of the partition sheets drastically.
- Realises more space for extra layers in the element, resulting in increased effective area that supply and exhaust air can be exposed to.

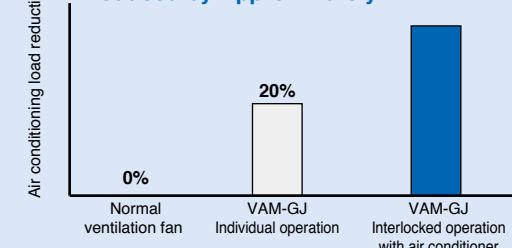
Moisture absorption increased by approx. 10%!

Thickness of the partition sheet  
**40 μm**



- The air conditioning load reduction values may vary according to weather and other environmental conditions at the location of the machine's installation.
- The air conditioning load reduction values are based on the following conditions:  
Application: Tokyo office building  
Building form: 6 floors above ground, 2 floors underground, floor area 2,100 m<sup>2</sup>  
Personnel density: 0.25 person/m<sup>2</sup>  
Ventilation volume: 25 m<sup>3</sup>/h  
Indoor air conditioning level: summer 25°C 50% RH, intermediate seasons 24°C 50% RH, winter 22°C 40% RH  
Operating time: 2745 hours (9 hours per day, approx. 25 days per month)  
Calculation method: simulation based on "MICRO-HASP/1982" of the Japan Building Mechanical and Electrical Engineers Association.

### Air Conditioning Load Reduced by Approximately



## Nighttime free cooling operation<sup>\*1</sup>

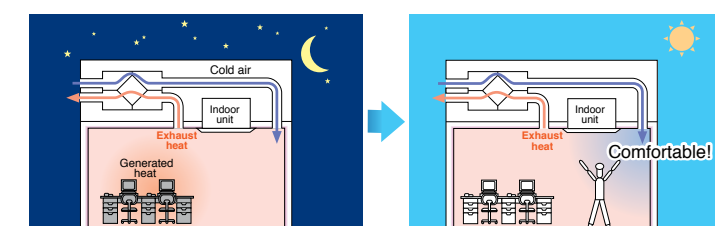
Nighttime free cooling operation is an energy-conserving function that works at night when air conditioners are off. By ventilating rooms containing office equipment that raises the room temperature, nighttime free cooling operation reduces the cooling load when air conditioners are turned on in the morning. It also alleviates feelings of discomfort in the morning caused by heat accumulated during the night.

- Nighttime free cooling operation only works to cool and if connected to Building Multi or VRV systems.
- Nighttime free cooling operation is set to "off" in the factory settings, so if you wish to use it, request your dealer to turn it on.

- <sup>\*1</sup> This function can be operated only when interlocked with air conditioners.
- <sup>\*2</sup> Value is based on the following conditions:  
• Cooling operation performed from April to October.  
• Calculated for air conditioning sensible heat load only (latent heat load not included).

Air conditioning sensible heat load reduced by **approx. 5%<sup>\*2</sup>**

The indoor accumulated heat is discharged at night. This reduces the air conditioning load the next day thereby increasing efficiency.



\* Interlocked operation with an air conditioner

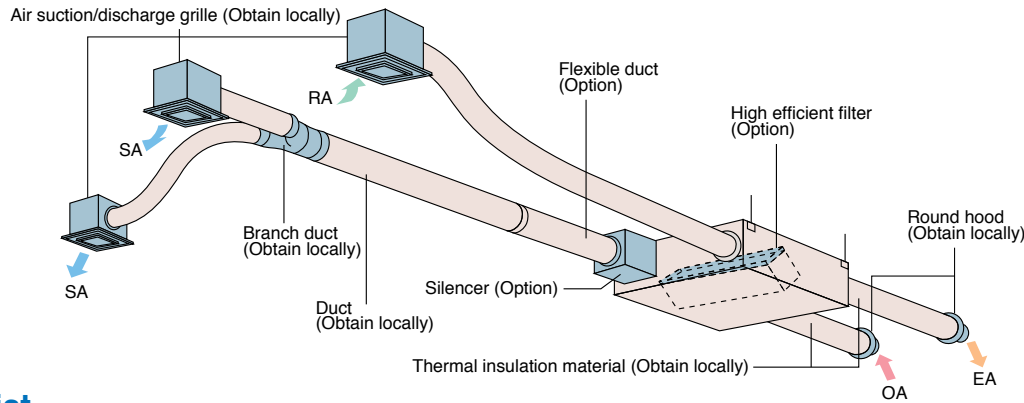


## SPECIFICATIONS

MODEL			VAM150GJVE	VAM250GJVE	VAM350GJVE	VAM500GJVE	VAM650GJVE	VAM800GJVE	VAM1000GJVE	VAM1500GJVE	VAM2000GJVE	
Power Supply			1-phase, 220-240 V/220 V, 50 Hz/60 Hz									
Temp. Exchange Efficiency		Ultra-High	%	79	75	79	74	75	72	78	72	77
		High		79	75	79	74	75	72	78	72	77
		Low		84	79	82	80	77	74	80.5	75.5	79
Enthalpy Exchange Efficiency	For Heating	Ultra-High	%	72	71	70	67	67.5	65	70	65	72
		High		72	71	70	67	67.5	65	70	65	72
		Low		76	74	77	74	71.5	67.5	72.5	67	75
	For Cooling	Ultra-High	%	66	63	66	55	61	61	64	61	62
		High		66	63	66	55	61	61	64	61	62
		Low		70	66	70	59	64	64	68.5	64	66
Power Consumption	Heat Exchange Mode	Ultra-High	W	125	137	200	248	342	599	635	1,145	1,289
		High		111	120	182	225	300	517	567	991	1,151
		Low		57	60	122	128	196	435	476	835	966
	Bypass Mode	Ultra-High	W	125	137	200	248	342	599	635	1,145	1,289
		High		111	120	182	225	300	517	567	991	1,151
		Low		57	60	122	128	196	435	476	835	966
Sound Level	Heat Exchange Mode	Ultra-High	dB(A)	27-28.5	27-29	31.5-33	33-35.5	34-36	39-40.5	39.5-41.5	39.5-41.5	41.5-43.5
		High		26-27.5	26-27.5	30-31.5	31.5-34	33-34.5	37-39.5	37.5-39.5	37.5-39.5	39-43
		Low		20.5-21.5	21-22	23-25	25-28.5	27.5-29.5	35-37.5	35-37.5	35-37.5	36-39
	Bypass Mode	Ultra-High	dB(A)	28.5-29.5	28.5-30.5	33-34.5	34.5-36	35-37.5	40.5-42	40.5-42.5	41-43	43-45.5
		High		27.5-28.5	27.5-29	31.5-33	33-34.5	33-35.5	38.5-40	38.5-40.5	39.5-41	40.5-45
		Low		22.5-23.5	22.5-23	24.5-26.5	25.5-28.5	27.5-30.5	36-38.5	36-38.5	36.5-38	37.5-39.5
Casing			Galvanised steel plate									
Insulation Material			Self-extinguishable polyurethane foam									
Dimensions (HXWXD)		mm	278×810×551		306×879×800		338×973×832	387×1,111×832	387×1,111×1,214	785×1,619×832	785×1,619×1,214	
Machine Weigh		kg	24		32		45	55	67	129	157	
Heat Exchange System			Air to air cross flow total heat (Sensible heat + latent heat) exchange									
Heat Exchange Element Material			Specially processed nonflammable paper									
Air Filter			Multidirectional fibrous fleeces									
Fan	Type		Sirocco fan									
	Airflow Rate	Ultra-High	m³/h	150	250	350	500	650	800	1,000	1,500	2,000
		High		150	250	350	500	650	800	1,000	1,500	2,000
		Low		100	155	230	320	500	700	860	1,320	1,720
	Airflow Rate	Ultra-High	ℓ/s	41	69	97	138	180	222	277	416	555
		High		41	69	97	138	180	222	277	416	555
		Low		27	43	63	88	138	194	238	366	477
	External Static Pressure	Ultra-High	Pa	120	70	169	105	85	133	168	112	116
		High		106	54	141	66	53	92	110	73	58
		Low		56	24	67	32	35	72	85	56	45
Motor Output		kW	0.030×2		0.090×2		0.140×2		0.280×2		0.280×4	
Connection Duct Diameter		mm	φ 100	φ 150		φ 200		φ 250		φ 350		
Unit Ambient Condition			-15C-50CDB, 80%RH or less									

Notes: 1. Sound level is measured at 1.5 m below the centre of the body.  
2. Airflow rate can be changed over to Low mode or High mode.  
3. Sound level is measured in an anechoic chamber.  
4. Sound level generally becomes greater than this value depending on the operating conditions, reflected sound, and peripheral noise.  
5. The sound level at the air discharge port is about 8 dB(A) higher than the unit's sound level.  
6. The specifications, designs and information given here are subject to change without notice.  
7. Temperature Exchange Efficiency is the mean value between cooling and heating.  
8. Efficiency is measured under the following conditions:  
Ratio of rated external static pressure has been maintained as follows; outdoor side to indoor side = 7 to 1.  
9. In conformance with JIS standards (JIS B 8628), operating sound level is based on the value when one unit is operated, with the value converted for an anechoic chamber. This is transmission sound from the main unit, and does not include sound from the discharge grille. Thus it is normal for the sound to be louder than the indicated value when the unit is actually installed.  
10. Sound level from the discharge port causes the value to be approximately 8 dB(A) (models with the airflow rate of less than 150 to 500 m³/h) to approximately 11 dB(A) (models with the airflow rate of 650 m³/h or more) greater than the indicated value. Furthermore, fan rotation and noise from the discharge grille may increase depending on the on-site duct resistance conditions. Please consider noise countermeasures when installing the unit.  
11. With large models in particular (1500 and 2000 m³/h models), if the supply air (SA) grille is installed near the main unit, the noise of the main unit may be heard from the discharge grille via the duct, and this will result in a marked increase in noise. In such cases, if peripheral effects are included (such as reverberation of the floor and walls, combination with other equipment, and background noise), sound level may be as much as 15 dB(A) higher than the indicated value. When installing a large model, please provide as much separation as possible between the main unit and the discharge grille. If the equipment and discharge grille are near each other, please consider countermeasures such as the following:  
•Use a sound-muffling box, flexible duct and sound-muffling air supply/discharge grilles  
•Decentralised installation of discharge grilles  
12. When installing in a location with particularly low background noise such as a classroom, please consider the following measures to avoid transmission sound from the main unit:  
•Use of ceiling materials with high sound insulating properties (high transmission loss)  
•Methods of blocking sound transmission, for example, by adding sound insulating materials around the bottom of the sound source.  
Alternatively, consider supplementary methods such as installing the equipment in a different location (corridor, etc.)

## OPTIONS



### Option List

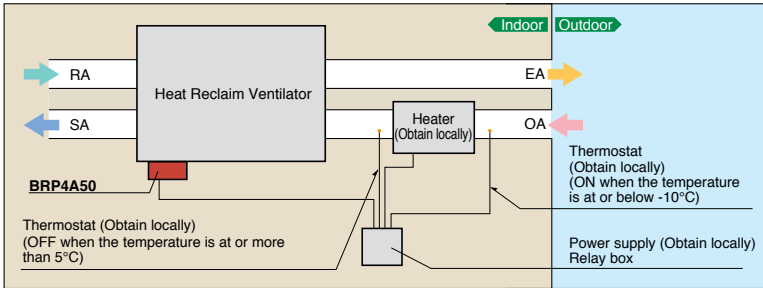
Item		Type	VAM150 · 250 · 350 · 500 · 650 · 800 · 1000 · 1500 · 2000GJVE													
Controlling device	Heat Reclaim Ventilator remote controller		BRC301B61													
	Centralised controlling device	Residential central remote controller	DCS303A51 *1													
		Central remote controller	DCS302CA61													
		Unified ON/OFF controller	DCS301BA61													
		Schedule timer	DST301BA61													
	PC Board Adaptor	Wiring adaptor for electrical appendices		KRP2A61												
		For humidifier		KRP50-2												
		Installation box for adaptor PCB		KRP50-2A90 (Mounted electric component assy of Heat Reclaim Ventilator)												
		For heater control kit		BRP4A50												
		For wiring	Type (indoor unit of VRV)	FXFQ-S	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-PB	FXSYQ-M	FXDQ-M(A)	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P	FXLQ-MA
				FXFQ-P					FXDQ-NB							FXNQ-MA
			KRP1C63★	KRP1BA57★	KRP1C67	KRP1B61★	KRP1B61	KRP1B56★	KRP1B61		KRP1C64★	KRP1B61	KRP1BA54	—	KRP1B61	
	Installation box for adaptor PCB☆		Notes 2, 3 KRP1H98	Note 4, 6 KRP1BA101	—	Notes 2, 3 KRP1B96	—	Notes 4, 6 KRP1BA101	Notes 5 KRP4A91	—	Notes 2, 3 KRP4A96	—	Note 3 KRP1CA93	Notes 2, 3 KRP4AA93	—	

Notes: 1. Installation box ☆ is necessary for each adaptor marked ☆.  
2. Up to 2 adaptors can be fixed for each installation box.  
3. Only one installation box can be installed for each indoor unit.  
4. Up to 2 installation boxes can be installed for each indoor unit.  
5. Installation box ☆ is necessary for second adaptor.  
6. Installation box ☆ is necessary for each adaptor.  
7. \*1 For residential use only. When connected with a Heat Reclaim Ventilator (VAM), you can only switch the power ON/OFF. Cannot be used with other centralised control equipment.

Item		Type	VAM150GJVE	VAM250GJVE	VAM350GJVE	VAM500GJVE	VAM650GJVE	VAM800GJVE	VAM1000GJVE	VAM1500GJVE	VAM2000GJVE
Additional function	Silencer		—	—	—	KDDM24B50	—	KDDM24B100	—	KDDM24B100X2	—
		Nominal pipe diameter	mm	—	—	φ 200	—	φ 250	—	φ 250	—
	High efficiency filter		KAF242H25M	—	KAF242H50M	—	KAF242H65M	KAF242H80M	KAF242H100M	KAF242H100MX2	KAF242H100MX2
		Air filter for replacement	KAF241G25M	—	KAF241G50M	—	KAF241G65M	KAF241G80M	KAF241G100M	KAF241G80MX2	KAF241G100MX2
Flexible duct (1 m)			K-FDS101D	—	K-FDS151D	—	K-FDS201D	—	K-FDS251D	—	—
			K-FDS102D	—	K-FDS152D	—	K-FDS202D	—	K-FDS252D	—	—
Duct adaptor			—	—	—	—	—	—	—	—	—
		Nominal pipe diameter	mm	—	—	—	—	—	—	YDFA25A1	φ 250

### PC board adaptor for heater control kit (BRP4A50)

When the installation of an electric heater is required in a cold region, this adaptor with an internal timer function eliminates the complicated timer connecting work that was necessary with conventional heaters.



**Notes when installing**  
• Examine fully an installation place and specification for using the electric heater based on the standard and regulation of each country.  
• Supply the electric heater and safety production devices such as a relay and a thermostat, etc. of which qualities satisfy the standard and regulation of each country at site.  
• Use a non-inflammable connecting duct to the electric heater. Be sure to allow 2 m or more between the electric heater and the Heat Reclaim Ventilator for safety.  
• For the Heat Reclaim Ventilator, use a different power supply from that of the electric heater and install a circuit breaker for each.







Warning



- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

### **Cautions on product corrosion**

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.