

**DAIKIN**

PCVMT1541 **aprv**



**VRV IV**

**R-410A**

Heat Pump 60 Hz

# The Wise Choice for Modern Buildings

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 new-generation VRV IV system.



**Energy saving**

**Comfortable airflow**

# VRV IV

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System **COP** up to **5.23** and VRT technology



### Space saving

Single outdoor units up to **22** HP &  
triple outdoor units up to **66** HP.  
Required space of installation saved  
up to **43%**

Humanized and comfortable  
airflow created by the dual sensors



### High reliability

More reliable and stable operation  
of the system ensured by various  
advanced features

*\* VRV is a trademark of Daikin Industries, Ltd.*



**Indoor units**

**Wide range of indoor units includes 14 types and 90 models**

Daikin's indoor unit system offers a large number of connectable indoor units—64! Furthermore, our wide range of indoor units includes 14 types and 90 models to meet the needs of customers.

Type	Model Name	Capacity Range (HP)	20	25	32	36	40	50	56	63	71	80	90	100	112	125	140	200	250
			0.8	1	1.25	1.5	1.6	2	2.3	2.5	3	3.2	3.6	4	4.5	5	6	8	10
			Capacity Index	20	25	31.25	35.5	40	50	56	62.5	71	80	90	100	112	125	140	200
Ceiling Mounted Cassette (Round Flow with Sensing)	<b>New</b> FXFSQ-AVE			●	●		●	●		●	●	●	●	●	●	●			
Ceiling Mounted Cassette (Round Flow)	<b>New</b> FXFQ-AVE			●	●		●	●		●	●	●	●	●	●	●			
Ceiling Mounted Cassette (Compact Multi Flow)	FXZQ-MVE		●	●	●		●	●											
Ceiling Mounted Cassette (Double Flow)	FXCQ-MVE		●	●	●		●	●		●		●					●		
Ceiling Mounted Cassette (Single Flow)	<b>New</b> FXEQ-AVE		●	●	●		●	●		●									
Slim Ceiling Mounted Duct	FXDQ-PBVE (with drain pump)		●	●	●														
	FXDQ-PBRET (without drain pump) (700 mm width type)		●	●	●														
	FXDQ-NBVE (with drain pump)						●	●		●									
	FXDQ-NBRET (without drain pump) (900/1,100 mm width type)						●	●		●									
Ceiling Mounted Duct	<b>New</b> FXMQ-AVE		●	●	●	●	●	●	●	●		●		●		●			
	FXMQ-PVE																		●
	FXMQ-MAVE																		●
4-Way Flow Ceiling Suspended	FXUQ-AVEB										●		●						
Ceiling Suspended	FXHQ-MAVE				●					●			●						
Wall Mounted	FXAQ-PVE		●	●	●		●	●		●									
Floor Standing	FXLQ-MAVE		●	●	●		●	●		●									
Concealed Floor Standing	FXNQ-MAVE		●	●	●		●	●		●									

# Indoor Unit Lineup



Daikin offers a wide range of indoor units includes 14 types responding to variety of needs of our customers that require air-conditioning solutions.

Ceiling Mounted Cassette  
(Round Flow with Sensing) Type  
FXFSQ-AVE

New



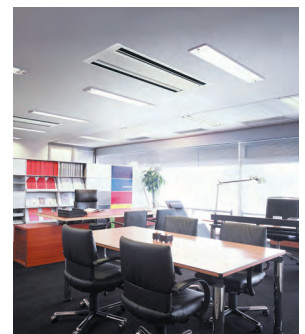
Presence of people and floor temperature can be detected to provide comfort and energy savings



Ceiling Mounted Cassette  
(Double Flow) Type  
FXCQ-MVE



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



Ceiling Mounted Cassette  
(Round Flow) Type  
FXFQ-AVE

New

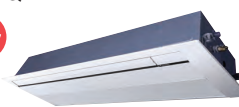


360° airflow improves temperature distribution and offers a comfortable living environment.



Ceiling Mounted Cassette  
(Single Flow) Type  
FXEQ-AVE

New



Slim design for flexible installation



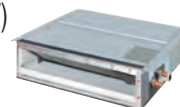
Ceiling Mounted Cassette  
(Compact Multi Flow) Type  
FXZQ-MVE



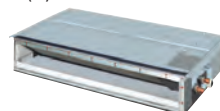
Quiet, compact, and designed for user comfort



Slim Ceiling Mounted Duct Type  
FXDQ-PBVE(T)



FXDQ-NBVE(T)



Slim design, quietness and static pressure switching



Ceiling Mounted Duct Type

**New** FXMQ-AVE  
FXMQ-PVE



High external static pressure allows flexible installations



Wall Mounted Type  
FXAQ-PVE



Stylish flat panel design harmonised with your interior décor



Ceiling Mounted Duct Type  
FXMQ-MAVE



High external static pressure allows flexible installations



Floor Standing Type  
FXLQ-MAVE



Suitable for perimeter zone air conditioning



4-Way Flow Ceiling Suspended Type  
FXUQ-AVEB



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



Concealed Floor Standing Type  
FXNQ-MAVE



Designed to be concealed in the perimeter skirting-wall



Ceiling Suspended Type  
FXHQ-MAVE



Slim body with quiet and wide airflow



# Indoor Unit Lineup

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

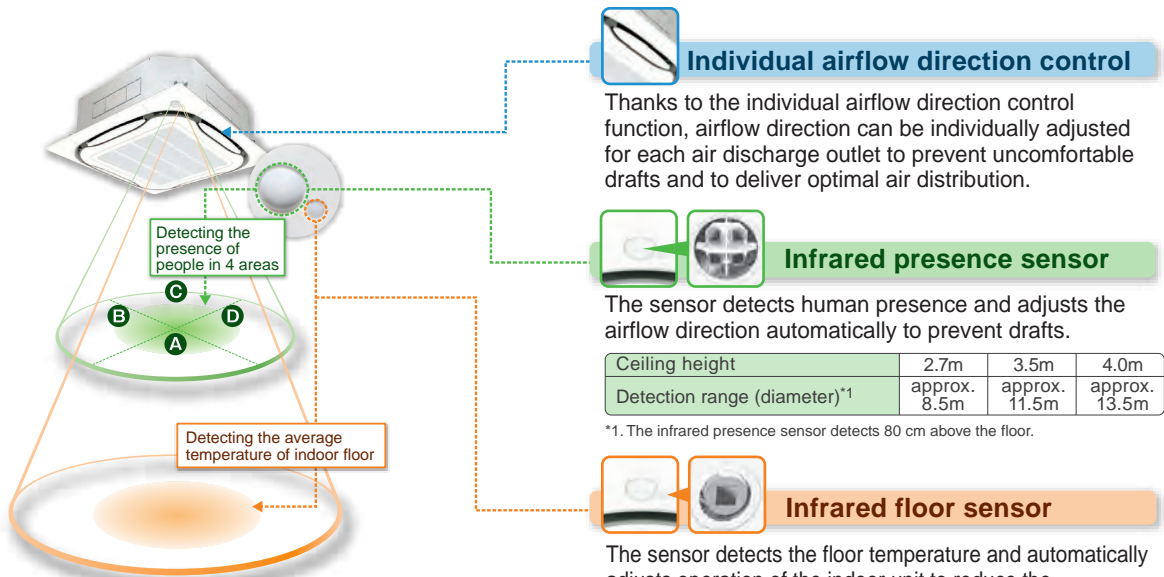
New

FXFSQ25A / FXFSQ32A / FXFSQ40A  
 FXFSQ50A / FXFSQ63A / FXFSQ71A  
 FXFSQ80A / FXFSQ90A / FXFSQ100A  
 FXFSQ112A / FXFSQ125A



Round flow  
with sensing

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



**Individual airflow direction control**  
 Thanks to the individual airflow direction control function, airflow direction can be individually adjusted for each air discharge outlet to prevent uncomfortable drafts and to deliver optimal air distribution.

**Infrared presence sensor**  
 The sensor detects human presence and adjusts the airflow direction automatically to prevent drafts.

Ceiling height	2.7m	3.5m	4.0m
Detection range (diameter)*1	approx. 8.5m	approx. 11.5m	approx. 13.5m

\*1. The infrared presence sensor detects 80 cm above the floor.

**Infrared floor sensor**  
 The sensor detects the floor temperature and automatically adjusts operation of the indoor unit to reduce the temperature difference between the ceiling and the floor.

Ceiling height	2.7m	3.5m	4.0m
Detection range (diameter)*2	approx. 11m	approx. 14m	approx. 16m

\*2. The infrared floor sensor detects at the floor surface.

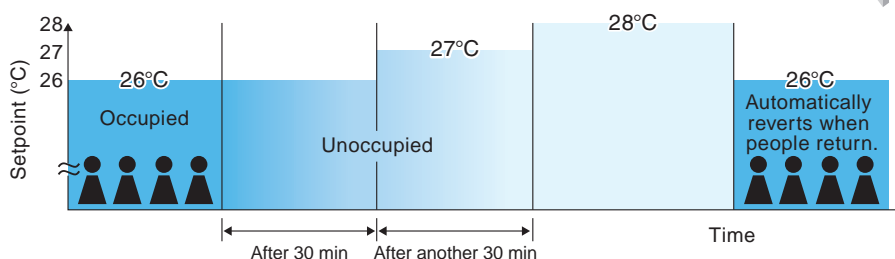
### Sensing sensor mode\*3,4

#### ■ Sensing sensor low mode (default: OFF)

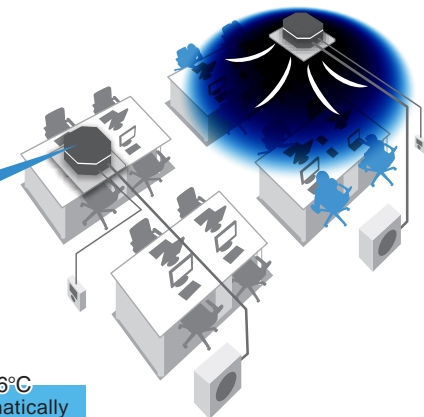
When there are no people in a room, the set temperature is shifted automatically.

The system automatically saves energy by detecting whether or not the room is occupied. The set temperature is shifted automatically if the room is unoccupied.

Example • Cooling setpoint: 26°C • Shift temperature: 1.0°C  
 • Shift time: 30 min. • Limit cooling temperature: 30°C



Operation is reduced in places where there are no people.



If people do not return, the air conditioner will raise the temperature 1°C every 30 minutes and then operate at 30°C.

\*3. These functions are not available when using the group control system.  
 \*4. User can set these functions with remote controller.

■ Individual airflow direction control

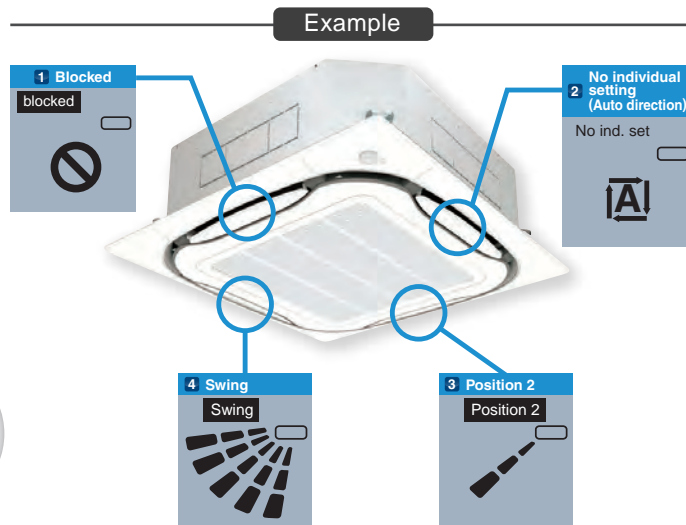
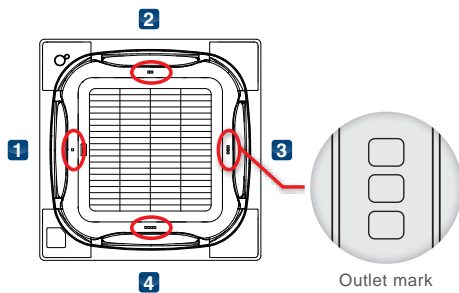
■ Individual airflow setting

Airflow direction of each of the four air outlets can be controlled individually.

(Positions 0 to 4, Swing, Blocked, and No individual setting are selectable.)



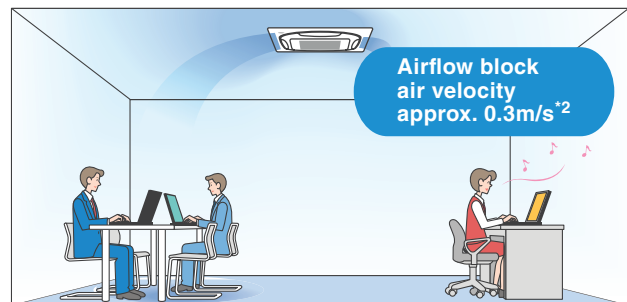
Individual setting list		
Unit		
Outletmark	Air direc.	Indiv.
<input type="checkbox"/>	blocked	ON
<input type="checkbox"/>	Auto	OFF
<input type="checkbox"/>	Position 2	ON
<input type="checkbox"/>	Swing	ON
Return		



■ Airflow block function\*1

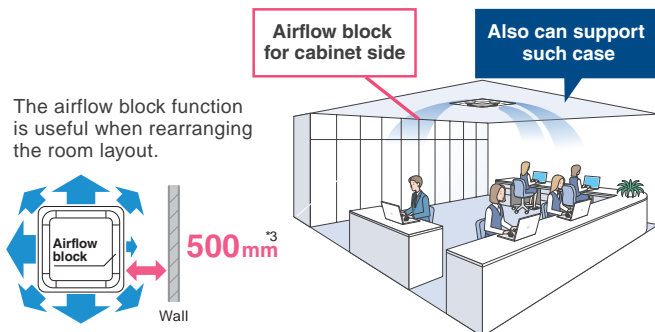
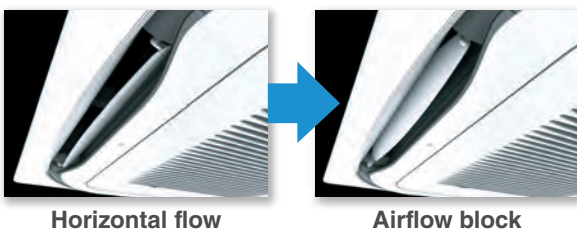
Total comfort by individual airflow direction control and “airflow block function”

- Airflow block function prevents uncomfortable drafts by reducing air velocity. It can be set using the BRC1E62 remote controller. There is no need for sealing material of air discharge outlet (option).
- This function only works when all-round flow is used. It cannot be used when sealing material is used in the air discharge outlet (option).



Airflow block function prevents uncomfortable drafts by reducing air velocity to approx. 0.3m/s.\*2

Easy setup with remote controller



\*1. Works in one direction only.

\*2. In case of FXFQ63S type (Data is based on Daikin research.) When using FXFQ80S type or higher, if the airflow rate is set to High, airflow will be on the high side. Under actual conditions, however, the airflow value may differ depending on the effect of surrounding conditions and the way in which the temperature was adjusted.

\*3. A gap of 1500 mm is required if the air block function is not used.



# Indoor Unit Lineup

## Ceiling Mounted Cassette (Round Flow) Type

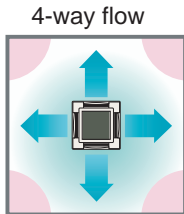
New

FXFQ25A / FXFQ32A / FXFQ40A  
 FXFQ50A / FXFQ63A / FXFQ71A  
 FXFQ80A / FXFQ90A / FXFQ100A  
 FXFQ112A / FXFQ125A

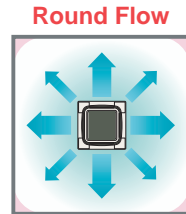


**360° airflow improves temperature distribution and offers a comfortable living environment.**

- The Round Flow Ceiling Mounted Cassette type indoor unit creates a comfortable air conditioning environment with its 360° airflow.



There are areas of uneven temperature.



There are much fewer areas of uneven temperature.

- The slim body makes the height of suspended ceiling decreased.

FXFQ-A	25/32/40/50/63	71/80/90/100	112/125
Body height	204mm	246mm	288mm

- Low operation sound level (dB(A))

FXFQ-A	25/32	40	50	63	71/80	90/100	112/125
Sound level (H/M/L)	30/28/25	32/29/25	33/30/27	34/31/28	38/34/29	41/37/33	44/39/34

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



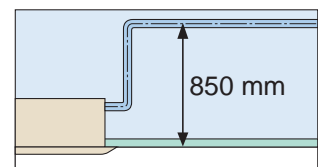
- Energy-saving operation

- DC fan motor is used to realize energy-saving operation.
- The high-efficiency heat exchanger is used to improve heat exchange efficiency.
- The dead spot\* of airflow is eliminated.

\* With dead spots eliminated, the comfort level in the whole space is still achieved by properly increasing the set temperature (e.g. in cooling mode), thus effectively reducing energy consumption.

- 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.

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



# Ceiling Mounted Cassette (Compact Multi Flow) Type

**FXZQ20M / FXZQ25M / FXZQ32M  
FXZQ40M / FXZQ50M**



## Quiet, compact, and designed for user comfort

● Dimensions correspond with 600 mm × 600 mm architectural module ceiling design specifications.

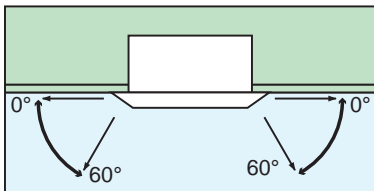
● Low operation sound level

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

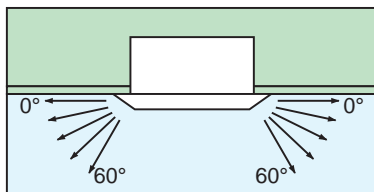
● Comfortable airflow

① Wide discharge angle: 0° to 60°

● Auto swing

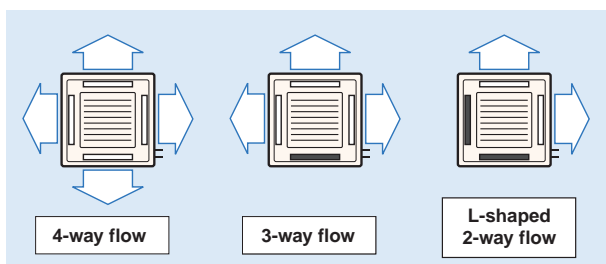


● Fixed angles: 5 levels



\*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°).

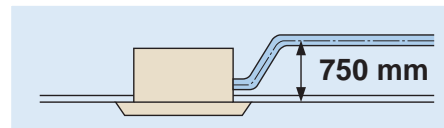
② 2-, 3-, and 4-way airflow patterns are available, enabling installation in the corner of a room.



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



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



# Indoor Unit Lineup

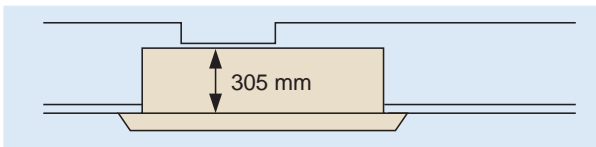
## Ceiling Mounted Cassette (Double Flow) Type

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.

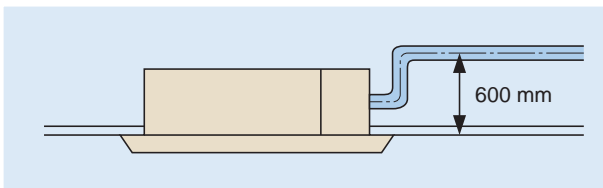


(When a high-efficiency filter is attached, the unit's height is 400 mm.)

- 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.

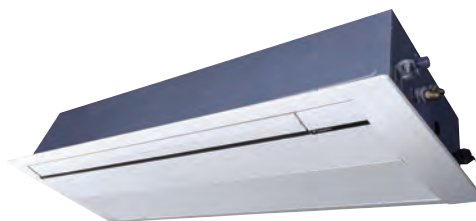


- Two types of optional high-efficiency filter are available (65% and 95%, colourimetric method).
- A long-life filter (maintenance free up to one year\*) is equipped as standard accessory.  
\* 8 hr/day, 25 day/month. For dust concentration of 0.15 mg/m<sup>3</sup>
- Major maintenance work can be performed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

## Ceiling Mounted Cassette (Single Flow) Type

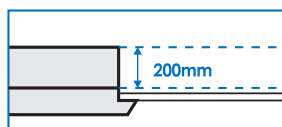
New

FXEQ20A / FXEQ25A / FXEQ32A  
 FXEQ40A / FXEQ50A / FXEQ63A

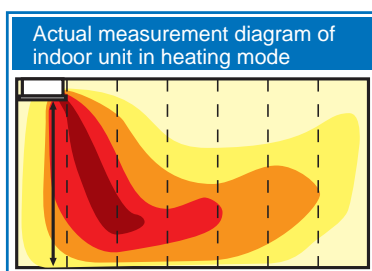


### Slim design for flexible installation

- The body features a compact design with a height of just 200 mm and depth 470 mm, making the installation possible in tight ceiling spaces.

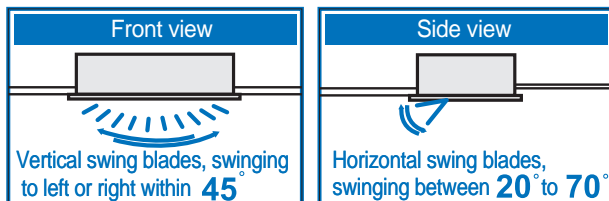


- The unique air discharge mode brings airflow all the way to the floor during heating operation, thus making the better heating effect.

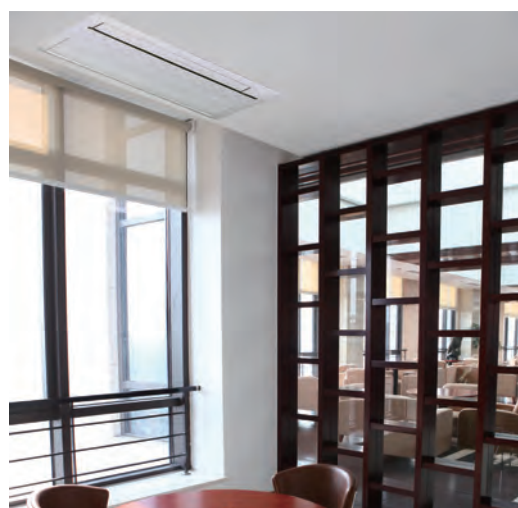


Note: The actual values measured by our company.

- The swinging of horizontal and vertical swing blades can be adjusted freely with the remote controller BRC1F61, providing 3D airflow to every corner of the room.



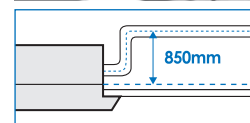
- DC motor is adopted both in the fan and drain pump of the indoor unit, not only enhancing the energy saving performance, but also reducing the operating sound and the vibration incurred to the unit.
- Control of airflow rate can be selected from 5-step control and quiet operation mode with the remote controller BRC1F61, which provides comfortable airflow.
- While creating a cozy indoor environment, the unit can prevent the suspended ceiling from being soiled by adjusting its louvre angle.



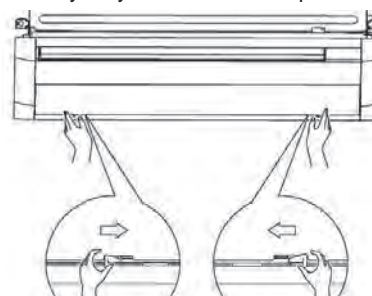
- The novel smooth panel design makes dust difficult to accumulate, thus causing the cleaning more conveniently.



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



- The mould proof operation function can effectively suppress the propagation of mould in the heat exchanger of the indoor unit even in coast areas with high humidity.
- No service port is required during installation, and servicing of common parts such as the control box etc. can be performed easily only with the suction panel removed.



# Indoor Unit Lineup

## Slim Ceiling Mounted Duct Type

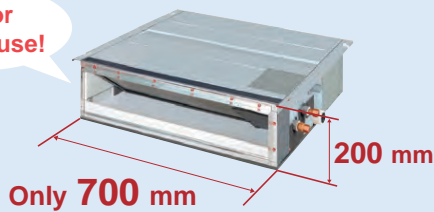
**Slim design, quietness and static pressure switching**

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

**FXDQ20PB / FXDQ25PB / FXDQ32PB**

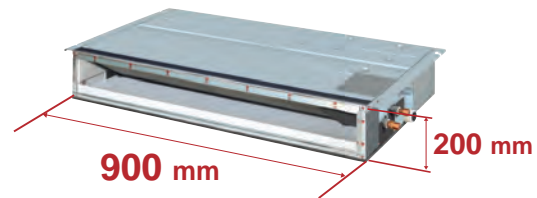
- Only 700 mm in width and 23 kg in weight, this model is suitable to install in limited spaces like drop-ceilings in hotels.

Great for hotel use!

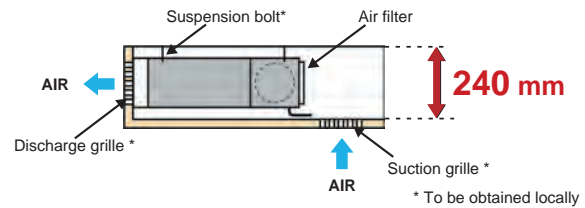


**FXDQ40NB / FXDQ50NB / FXDQ63NB**

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



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



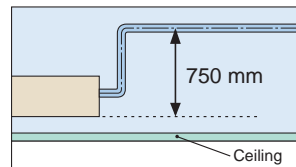
- External static pressure selectable by remote controller switching make this indoor unit a very comfortable and flexible model.

10 Pa-30 Pa/factory set: 10 Pa for FXDQ-PB models.  
15 Pa-44 Pa/factory set: 15 Pa for FXDQ-NB models.

- FXDQ-PB and FXDQ-NB models are available in two types to suit different installation conditions.

FXDQ-PB/NBVE: with a drain pump (750 mm lift) as a standard accessory

FXDQ-PB/NBVET: without a drain pump



- 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 (HH/H/L)	28/26/23	28/26/24	30/28/26	33/30/27	33/31/29

\* 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.

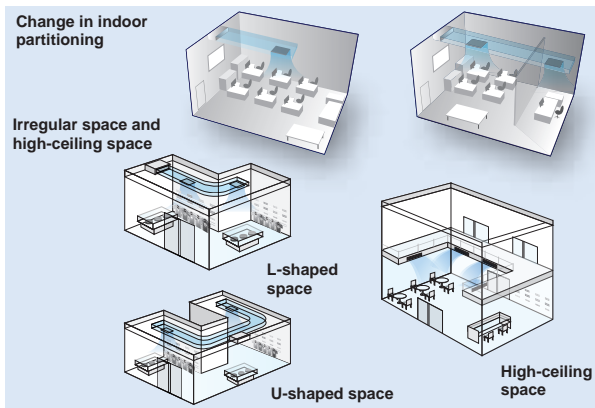
## Ceiling Mounted Duct Type

- New FXMQ20A / FXMQ25A / FXMQ32A
- New FXMQ36A / FXMQ40A / FXMQ50A
- New FXMQ56A / FXMQ63A / FXMQ80A
- New FXMQ100A / FXMQ125A  
FXMQ140P



### High external static pressure allows flexible installations

- The external static pressure is up to 200 Pa for FXMQ-A, corresponding flexibly to various indoor space.



- Up to 14 levels of external static pressure for FXMQ-A can be set and adjusted directly with the remote controller, thus making the unit cope with different static pressure requirements with ease.
- A selection of air ports can be utilized to harmony with different decoration styles.

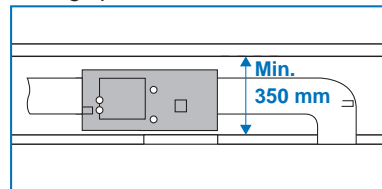
#### Examples



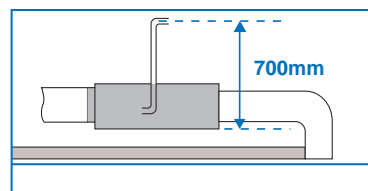
Note: The above air ports need to be purchased on site.

- The energy consumption of the indoor unit is significantly decreased by adaption of DC fan motor, with the efficiency enhanced significantly especially during low speed operation.

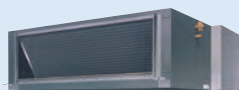
- Only 300mm in height, the thin unit can be installed in a ceiling space as narrow as 350mm.



- Drain pump is equipped as standard accessory with 700 mm lift.



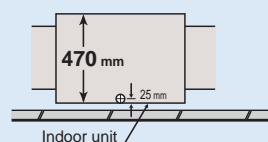
### FXMQ200MA/FXMQ250MA



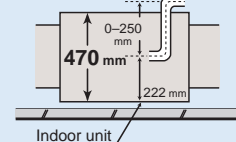
- Simplified Static Pressure Control**  
External static pressure can be easily adjusted using a change-over switch inside the electrical box to meet the resistance in the duct system.

- Built-in Drain Pump (Option)**  
Housing the drain pump inside the unit reduces the space required for installation.

- Without drain pump



- With drain pump



# Indoor Unit Lineup

## 4-Way Flow Ceiling Suspended Type

FXUQ71A / FXUQ100A



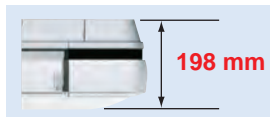
**This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.**

- 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.



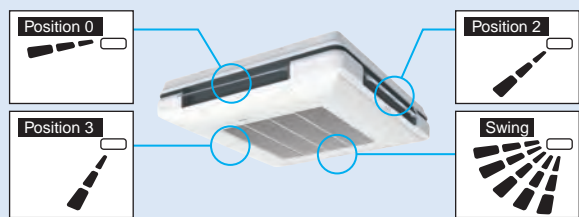
- Flaps close automatically when the unit stops, which gives a simple appearance.

- 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.



- 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.

Individual airflow direction example case



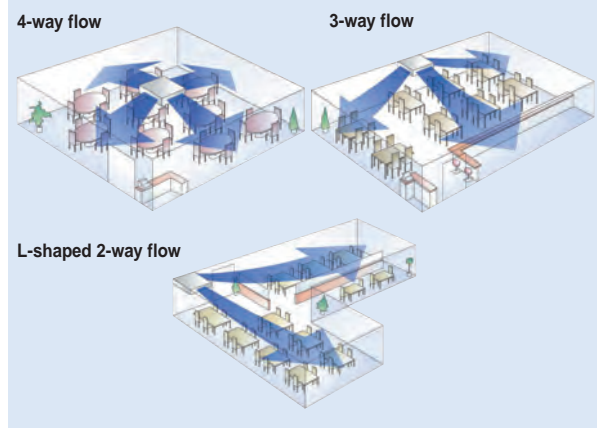
- The airflow rate can be controlled from 3-step control. Auto airflow rate control can be selected with wired remote controller BRC1E62.



- 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.

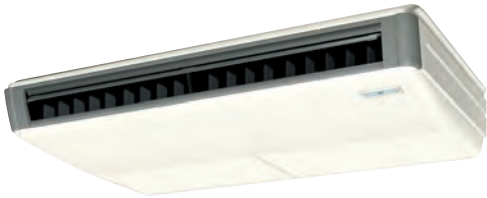
- Drain pump is equipped as a standard accessory with 600 mm lift.

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



# Ceiling Suspended Type

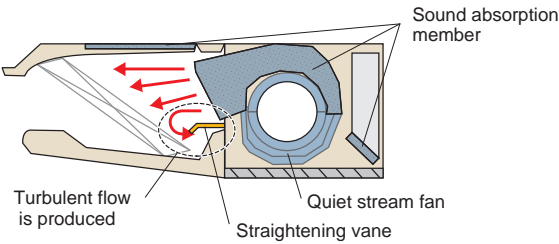
**FXHQ32MA / FXHQ63MA  
FXHQ100MA**



## Slim body with quiet and wide airflow

●Adoption of QUIET STREAM FAN

Uses the quiet stream fan and many more advanced technologies.

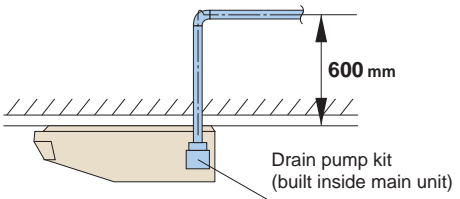


●Low operation sound level

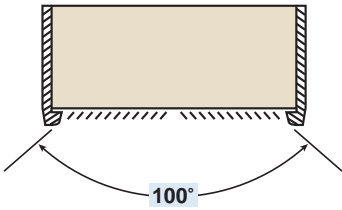
	(dB(A))		
FXHQ-MA	32	63	100
Sound level (H/L)	36/31	39/34	45/37

●Installation is easy

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

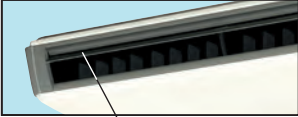


●Wide air discharge openings produce a spreading 100° airflow.



●Maintenance is easy

- Non-dew Flap with no implanted bristles  
Bristle-free Flap minimises contamination and makes cleaning simpler.



Non-dew Flap

- 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>

Indoor Unit Lineup



# Indoor Unit Lineup

## 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.

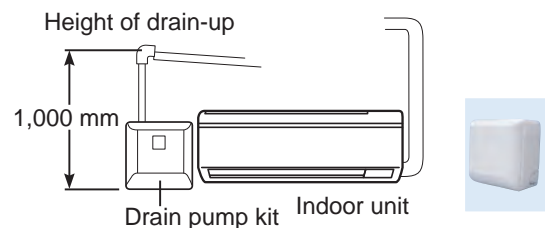
● Low operation sound level (dB(A))

FXAQ-P	20	25	32	40	50	63
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.



## Floor Standing Type

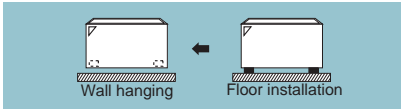
FXLQ20MA / FXLQ25MA  
 FXLQ32MA / FXLQ40MA  
 FXLQ50MA / FXLQ63MA



### 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>



Indoor Unit Lineup

## Concealed Floor Standing Type

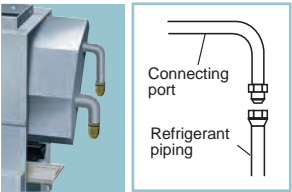
FXNQ20MA / FXNQ25MA  
 FXNQ32MA / FXNQ40MA  
 FXNQ50MA / FXNQ63MA



### 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).



# Specifications

## Indoor Units

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



MODEL		FXFSQ25AVE	FXFSQ32AVE	FXFSQ40AVE	FXFSQ50AVE	FXFSQ63AVE	FXFSQ71AVE
Power supply		1-phase, 60 Hz, 220 V					
Cooling capacity	kcal/h	2,400	3,100	3,900	4,800	6,100	6,900
	Btu/h	9,600	12,300	15,400	19,100	24,200	27,300
	kW	2.8	3.6	4.5	5.6	7.1	8.0
Heating capacity	kcal/h	2,800	3,400	4,300	5,400	6,900	7,700
	Btu/h	10,900	13,600	17,100	21,500	27,300	30,700
	kW	3.2	4.0	5.0	6.3	8.0	9.0
Power consumption	Cooling	0.049		0.059	0.214		
	Heating	0.045		0.055	0.210		
Casing		Galvanised steel plate					
Airflow rate (H/M/L)	m <sup>3</sup> /min	12.5/10.8/9.0		13.5/11.4/9.0	30/25/20		
	cfm	441/381/318		476/402/318	1,059/883/706		
Sound level (H/M/L)	dB(A)	30/28/25		32/29/25	44/39/34		
Dimensions (HxWxD)	mm	204x840x840			288x840x840		
Machine weight	kg	20				26	
Piping connections	Liquid (Flare)	φ6.4				φ9.5	
	Gas (Flare)	φ12.7				φ15.9	
	Drain	VP25 (External Dia, 32/Internal Dia, 25)					
Panel (Option)	Model	BYCSP125BW1					
	Colour	Fresh white					
	Dimensions(HxWxD)	mm		50x950x950			
	Weight	kg		5.5			

MODEL		FXFSQ80AVE	FXFSQ90AVE	FXFSQ100AVE	FXFSQ112AVE	FXFSQ125AVE
Power supply		1-phase, 60 Hz, 220 V				
Cooling capacity	kcal/h	7,700	8,600	9,600	10,800	12,000
	Btu/h	30,700	34,100	38,200	42,700	47,800
	kW	9.0	10.0	11.2	12.5	14.0
Heating capacity	kcal/h	9,000	9,600	10,800	12,000	13,800
	Btu/h	34,100	38,200	42,700	47,800	54,600
	kW	10.0	11.2	12.5	14.0	16.0
Power consumption	Cooling	0.214				
	Heating	0.210				
Casing		Galvanised steel plate				
Airflow rate (H/M/L)	m <sup>3</sup> /min	30/25/20				
	cfm	1,059/883/706				
Sound level (H/M/L)	dB(A)	44/39/34				
Dimensions (HxWxD)	mm	288x840x840				
Machine weight	kg	26				
Piping connections	Liquid (Flare)	φ9.5				
	Gas (Flare)	φ15.9				
	Drain	VP25 (External Dia, 32/Internal Dia, 25)				
Panel (Option)	Model	BYCSP125BW1				
	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°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: 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.

## Ceiling Mounted Cassette (Round Flow) Type



MODEL		FXFQ25AVE	FXFQ32AVE	FXFQ40AVE	FXFQ50AVE	FXFQ63AVE	FXFQ71AVE
Power supply		1-phase, 60 Hz, 220 V					
Cooling capacity	kcal/h	2,400	3,100	3,900	4,800	6,100	6,900
	Btu/h	9,600	12,300	15,400	19,100	24,200	27,300
	kW	2.8	3.6	4.5	5.6	7.1	8.0
Heating capacity	kcal/h	2,800	3,400	4,300	5,400	6,900	7,700
	Btu/h	10,900	13,600	17,100	21,500	27,300	30,700
	kW	3.2	4.0	5.0	6.3	8.0	9.0
Power consumption	Cooling	0.053		0.063	0.074	0.086	0.111
	Heating	0.045		0.055	0.069	0.080	0.100
Casing		Galvanised steel plate					
Airflow rate (H/M/L)	m <sup>3</sup> /min	12.5/10.8/9.0		13.5/11.3/9.0	15.4/12.8/10.2	16.1/13.6/11	23.1/18.8/14.5
	cfm	441/381/318		477/399/318	544/452/360	568/480/388	815/664/512
Sound level (H/M/L)	dB(A)	30/28/25		32/29/25	33/30/27	34/31/28	38/34/29
Dimensions (HxWxD)	mm	204x840x840					246x840x840
Machine weight	kg	20			21	24	
Piping connections	Liquid (Flare)	φ6.4				φ9.5	
	Gas (Flare)	φ12.7				φ15.9	
	Drain	VP25 (External Dia, 32/Internal Dia, 25)					
Panel (Option)	Model	BYCP125K-W1					
	Colour	Fresh white					
	Dimensions(HxWxD)	50x950x950					
	Weight	5.5					

MODEL		FXFQ80AVE	FXFQ90AVE	FXFQ100AVE	FXFQ112AVE	FXFQ125AVE
Power supply		1-phase, 60 Hz, 220 V				
Cooling capacity	kcal/h	7,700	8,600	9,600	10,800	12,000
	Btu/h	30,700	34,100	38,200	42,700	47,800
	kW	9.0	10.0	11.2	12.5	14.0
Heating capacity	kcal/h	9,000	9,600	10,800	12,000	13,800
	Btu/h	34,100	38,200	42,700	47,800	54,600
	kW	10.0	11.2	12.5	14.0	16.0
Power consumption	Cooling	0.111	0.156		0.220	
	Heating	0.100	0.142		0.210	
Casing		Galvanised steel plate				
Airflow rate (H/M/L)	m <sup>3</sup> /min	23.1/18.8/14.5	25.4/21.1/16.8		30/25/20	
	cfm	815/664/512	897/745/593		1,059/883/706	
Sound level (H/M/L)	dB(A)	38/34/29	41/37/33		44/39/34	
Dimensions (HxWxD)	mm	246x840x840			288x840x840	
Machine weight	kg	24			26	
Piping connections	Liquid (Flare)	φ9.5				
	Gas (Flare)	φ15.9				
	Drain	VP25 (External Dia, 32/Internal Dia, 25)				
Panel (Option)	Model	BYCP125K-W1				
	Colour	Fresh white				
	Dimensions(HxWxD)	50x950x950				
	Weight	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°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: 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.

# Specifications

## Indoor Units

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



MODEL		FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ40MVE	FXZQ50MVE
Power supply		1-phase, 220-240 V/220 V, 50 Hz/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	0.075		0.080	0.095	0.128
	Heating	0.069		0.073	0.088	0.122
Casing		Galvanised steel plate				
Airflow rate (H/L)	m <sup>3</sup> /min	9/7		9.5/7.5	11/8	14/10
	cfm	318/247		335/265	388/282	493/353
Sound level (H/L)	dB(A)	32/29		33/29	36/30	41/34
Dimensions (HxWxD)	mm	286x575x575				
Machine weight	kg	18				
Piping connections	Liquid (Flare)	φ6.4				
	Gas (Flare)	φ12.7				
	Drain	VP20 (External Dia, 26/Internal Dia, 20)				
Panel (Option)	Model	BYFQ60B3W1				
	Colour	White (6.5Y9.5/0.5)				
	Dimensions(HxWxD)	55x700x700				
	Weight	2.7				

### Ceiling Mounted Cassette (Double Flow) Type

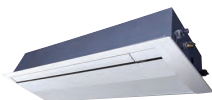


MODEL		FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE	
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz								
Cooling capacity	kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	7,700	12,000	
	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	30,700	47,800	
	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0	
Heating capacity	kcal/h	2,200	2,800	3,400	4,300	5,400	6,900	9,000	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	0.081	0.095		0.132		0.157	0.216	0.278	
	Heating	0.048	0.062		0.099		0.124	0.183	0.245	
Casing		Galvanised steel plate								
Airflow rate (H/L)	m <sup>3</sup> /min	7/5	9/6.5		12/9		16.5/13	26/21	33/25	
	cfm	247/177	318/229		424/318		582/459	918/741	1,165/883	
Sound level (H/L)	dB(A)	32/27	34/28		34/29		37/32	39/34	44/38	
Dimensions (HxWxD)	mm	305x775x600			305x990x600		305x1,175x600	305x1,665x600		
Machine weight	kg	26			31	32	35	47	48	
Piping connections	Liquid (Flare)	φ6.4					φ9.5			
	Gas (Flare)	φ12.7					φ15.9			
	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(HxWxD)	53x1,030x680			53x1,245x680		53x1,430x680	53x1,920x680		
	Weight	8.0			8.5		9.5	12.0		

Note: Specifications are based on the following conditions;

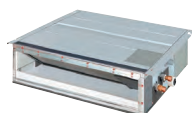
- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity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

## Ceiling Mounted Cassette (Single Flow) Type



MODEL		FXEQ20AVE	FXEQ25AVE	FXEQ32AVE	FXEQ40AVE	FXEQ50AVE	FXEQ63AVE	
Power supply		1-phase, 60 Hz, 220 V						
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	0.026	0.027	0.034	0.046	0.048	0.067
	Heating	kW	0.022	0.023	0.030	0.042	0.044	0.063
Casing		Galvanised steel plate						
Airflow rate (H/HM/M/ML/L)	Cooling	m <sup>3</sup> /min	6.0/5.4/4.9/4.4/4.0	6.9/6.4/5.8/5.3/4.8	8.0/7.5/7.0/6.3/5.5	9.8/8.8/7.8/7.0/6.2	12.5/11.4/10.4/9.5/8.7	15.0/13.6/12.2/11.0/9.8
		cfm	212/191/173/155/141	244/226/205/187/169	282/265/247/222/194	346/311/275/247/219	441/402/367/335/307	530/480/431/388/346
	Heating	m <sup>3</sup> /min	6.0/5.6/5.1/4.7/4.2	7.2/6.7/6.1/5.6/5.0	8.6/8.0/7.4/6.7/6.0	10.2/9.3/8.4/7.6/6.8	14.0/12.8/11.6/10.7/9.8	16.9/15.3/13.6/12.3/11.0
		cfm	212/198/180/166/148	254/237/215/198/177	304/282/261/237/212	360/328/297/268/240	494/452/409/378/346	597/540/480/434/388
Sound level (H/HM/M/ML/L)	Cooling	dB(A)	30/29/28/27/26	32/31/30/29/28	35/34/33/32/30	38/37/35/33/31	38/37/35/33/31	43/41/39/37/35
	Heating	dB(A)	33/31/29/28/26	35/33/31/30/26	38/36/34/33/31	41/39/37/35/33	41/39/37/36/34	45/44/42/40/38
Dimensions (HxWxD)	mm	200x840x470				200x1,240x470		
Machine weight	kg	17			18	23		
Piping connections	Liquid (Flare)	mm	φ6.4				φ9.5	
	Gas (Flare)	mm	φ12.7				φ15.9	
	Drain		PVC26 (External Dia, 26/Internal Dia, 20)					
Panel (Option)	Model	BYEP40AW1			BYEP63AW1			
	Colour	Fresh white						
	Dimensions(HxWxD)	mm	80x950x550			80x1,350x550		
	Weight	kg	8.0			10.0		

## Slim Ceiling Mounted Duct Type (700 mm width type)



MODEL	with drain pump	FXDQ20PBVE	FXDQ25PBVE	FXDQ32PBVE	
	without drain pump	FXDQ20PBVET	FXDQ25PBVET	FXDQ32PBVET	
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 (FXDQ-PBVE)*1	Cooling	0.092		0.095	
	Heating	0.073		0.076	
Power consumption (FXDQ-PBVET)*1	Cooling	0.073		0.076	
	Heating	0.073		0.076	
Casing		Galvanised steel plate			
Airflow rate (HH/H/L)	m <sup>3</sup> /min	8.0/7.2/6.4			
	cfm	282/254/226			
External static pressure	Pa	30-10*2			
Sound level (HH/H/L)*1*3	dB(A)	28/26/23		28/26/24	
Dimensions (HxWxD)	mm	200x700x620			
Machine weight	kg	23			
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.
- 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: (FXEQ-A) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. (FXDQ-PB) 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: Values are based on the following conditions: FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.

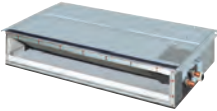
\*2: External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factory setting is 10 Pa for FXDQ-PB models and 15 Pa for FXDQ-NB models.)

\*3: 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).

# Specifications

## Indoor Units

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



MODEL	with drain pump		FXDQ40NBVE	FXDQ50NBVE	FXDQ63NBVE
	without drain pump		FXDQ40NBVET	FXDQ50NBVET	FXDQ63NBVET
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 (FXDQ-NBVE)*1	Cooling	kW	0.182	0.185	0.192
	Heating		0.168	0.170	0.179
Power consumption (FXDQ-NBVET)*1	Cooling	kW	0.168	0.170	0.179
	Heating		0.168	0.170	0.179
Casing			Galvanised steel plate		
Airflow rate (HH/H/L)	m <sup>3</sup> /min		10.5/9.5/8.5	12.5/11/10	16.5/14.5/13
	cfm		371/335/300	441/388/353	582/512/459
External static pressure	Pa		44-15*2		
Sound level (HH/H/L)*1*3	dB(A)		30/28/26	33/30/27	33/31/29
Dimensions (HxWxD)	mm		200x900x620		200x1,100x620
Machine weight	kg		27	28	31
Piping connections	Liquid (Flare)	mm	φ6.4		φ9.5
	Gas (Flare)		φ12.7		φ15.9
	Drain		VP20 (External Dia, 26/Internal Dia, 20)		

### Ceiling Mounted Duct Type



MODEL			FXMQ20AVE	FXMQ25AVE	FXMQ32AVE	FXMQ36AVE	FXMQ40AVE	FXMQ50AVE	
Power supply			1-phase, 60 Hz, 220 V						
Cooling capacity	kcal/h		1,900	2,400	3,100	3,400	3,900	4,800	
	Btu/h		7,500	9,600	12,300	13,600	15,400	19,100	
	kW		2.2	2.8	3.6	4.0	4.5	5.6	
Heating capacity	kcal/h		2,200	2,800	3,400	3,900	4,300	5,400	
	Btu/h		8,500	10,900	13,600	15,400	17,100	21,500	
	kW		2.5	3.2	4.0	4.5	5.0	6.3	
Power consumption	Cooling	kW	0.081		0.085	0.194		0.215	
	Heating		0.069		0.073	0.182		0.203	
Casing			Galvanised steel plate						
Airflow rate (HH/H/L)	m <sup>3</sup> /min		9/7.5/6.5		9.5/8/7	16/13/11		18/16.5/15	
	cfm		318/265/229		335/282/247	565/459/388		635/582/530	
External static pressure	Pa		30-100*4			30-160*4		50-200*4	
Sound level (HH/H/L)	dB(A)		33/31/29		34/32/30	39/37/35		41/39/37	
Dimensions (HxWxD)	mm		300x550x700			300x700x700		300x1,000x700	
Machine weight	kg		24			27		35	
Piping connections	Liquid (Flare)	mm	φ6.4						
	Gas (Flare)		φ12.7						
	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°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: 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: Values are based on the following conditions: FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.

\*2: 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.)

\*3: 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).

\*4: External static pressure can be modified using a remote controller that offers seven (FXMQ20-32A), thirteen (FXMQ36/40A), fourteen (FXMQ50-125A) levels of control. These values indicate the lowest and highest possible static pressures. The standard static pressure is 50 Pa for FXMQ20-32A and 100 Pa for FXMQ36-125A.

## Ceiling Mounted Duct Type



MODEL			FXMQ56AVE	FXMQ63AVE	FXMQ80AVE	FXMQ100AVE	FXMQ125AVE	FXMQ140PVE
Power supply			1-phase, 60 Hz, 220 V					1-phase, 220-240 V/220 V, 50/60 Hz
Cooling capacity		kcal/h	5,400	6,100	7,700	9,600	12,000	13,800
		Btu/h	21,500	24,200	30,700	38,200	47,800	54,600
		kW	6.3	7.1	9.0	11.2	14.0	16.0
Heating capacity		kcal/h	6,100	6,900	9,000	10,800	13,800	15,500
		Btu/h	24,200	27,300	34,100	42,700	54,600	61,400
		kW	7.1	8.0	10.0	12.5	16.0	18.0
Power consumption	Cooling	kW	0.230		0.298	0.376	0.461	0.404* <sup>3</sup>
	Heating		0.218		0.286	0.364	0.449	0.380* <sup>3</sup>
Casing			Galvanised steel plate					
Airflow rate (HH/H/L)		m <sup>3</sup> /min	19.5/17.5/16		25/22.5/20	32/27/23	39/33/28	46/39/32
		cfm	688/618/565		883/794/706	1,130/953/812	1,377/1,165/988	1,624/1,377/1,130
External static pressure		Pa	50-200* <sup>1</sup>					50-140* <sup>1</sup>
Sound level (HH/H/L)		dB(A)	42/40/38		43/41/39		44/42/40	46/45/43
Dimensions (HxWxD)		mm	300x1,000x700			300x1,400x700		
Machine weight		kg	35			45		47
Piping connections	Liquid (Flare)	mm	φ9.5					
	Gas (Flare)		φ15.9					
	Drain		VP25 (External Dia, 32/Internal Dia, 25)					

## 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	1,490	1,684
	Heating		1,490	1,684
Casing			Galvanised steel plate	
Airflow rate (H/L)		m <sup>3</sup> /min	58/50	72/62
		cfm	2,047/1,765	2,542/2,189
External static pressure		Pa	132-270* <sup>2</sup>	147-270* <sup>2</sup>
Sound level (H/L)		dB(A)	48/45	
Dimensions (HxWxD)		mm	470x1,380x1,100	
Machine weight		kg	137	
Piping connections	Liquid (Flare)	mm	φ9.5	
	Gas (Brazing)		φ19.1	φ22.2
	Drain		PS1B	

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: 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 (FXMQ20-32A), thirteen (FXMQ36/40A), fourteen (FXMQ50-125A) or ten (FXMQ140P) levels of control. These values indicate the lowest and highest possible static pressures. The standard static pressure is 50 Pa for FXMQ20-32A and 100 Pa for FXMQ36-125A and FXMQ140P.

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

★3: Power consumption values are based on conditions of rated external pressure.



# Specifications

## Indoor Units

### 4-Way Flow Ceiling Suspended Type



MODEL		FXUQ71AVEB	FXUQ100AVEB
Power supply		1-phase, 220-240/220-230 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	0.090	0.200
	Heating		
Casing colour		Fresh white	
Airflow rate (H/M/L)	m <sup>3</sup> /min	22.5/19.5/16	31/26/21
	cfm	794/688/565	1,094/918/741
Sound level (H/M/L)	dB(A)	40/38/36	47/44/40
Dimensions (HxWxD)	mm	198x950x950	
Machine weight	kg	26	27
Piping connections	Liquid (Flare)	φ9.5	
	Gas (Flare)	φ15.9	
	Drain	VP20 (External Dia, 26/Internal Dia, 20)	

### 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	0.142	0.145	0.199
	Heating			
Casing		White (10Y9/0.5)		
Airflow rate (H/L)	m <sup>3</sup> /min	12/10	17.5/14	25/19.5
	cfm	424/353	618/494	883/688
Sound level (H/L)	dB(A)	36/31	39/34	45/37
Dimensions (HxWxD)	mm	195x960x680	195x1,160x680	195x1,400x680
Machine weight	kg	24	28	33
Piping connections	Liquid (Flare)	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°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: 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.

## 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	0.050
	Heating		0.029	0.034	0.035	0.020	0.039	0.060
Casing		White (3.0Y8.5/0.5)						
Airflow rate (H/L)	m <sup>3</sup> /min	7.5/4.5	8/5	8.5/5.5	12/9	15/12	19/14	
	cfm	265/159	282/177	300/194	424/318	530/424	671/494	
Sound level (H/L)	dB(A)	35/31	36/31	38/31	39/34	42/37	47/41	
Dimensions (HxWxD)	mm	290x795x238			290x1,050x238			
Machine weight	kg	11			14			
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



FXLQ



FXNQ

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	0.047		0.079	0.084	0.105	0.108
	Heating		0.047		0.079	0.084	0.105	0.108
Casing		FXLQ: Ivory white (5Y7.5/1)/FXNQ: Galvanised steel plate						
Airflow rate (H/L)	m <sup>3</sup> /min	7/6		8/6	11/8.5	14/11	16/12	
	cfm	247/212		282/212	388/300	494/388	565/424	
Sound level (H/L)	dB(A)	35/32			38/33	39/34	40/35	
Dimensions (HxWxD)	FXLQ	mm	600x1,000x222		600x1,140x222		600x1,420x222	
	FXNQ		610x930x220		610x1,070x220		610x1,350x220	
Machine weight	FXLQ	kg	25		30		36	
	FXNQ		19		23		27	
Piping connections	Liquid (Flare)	mm	φ6.4				φ9.5	
	Gas (Flare)		φ12.7				φ15.9	
	Drain		φ21 O.D (Vinyl chloride)					

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: (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.

# Option List

## Indoor Units

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

No.	Item	Type	FXFSQ25A	FXFSQ32A	FXFSQ40A	FXFSQ50A	FXFSQ63A	FXFSQ71A
1	Decoration panel		BYCSP125BW1					
2	Panel spacer		KDBP55H160FA					
3	Long life replacement filter	Non-woven type	KAFP551K160					

No.	Item	Type	FXFSQ80A	FXFSQ90A	FXFSQ100A	FXFSQ112A	FXFSQ125A
1	Decoration panel		BYCSP125BW1				
2	Panel spacer		KDBP55H160FA				
3	Long life replacement filter	Non-woven type	KAFP551K160				

### Ceiling Mounted Cassette (Round Flow) Type

No.	Item	Type	FXFQ25A	FXFQ32A	FXFQ40A	FXFQ50A	FXFQ63A	FXFQ71A
1	Decoration panel		BYCP125K-W1					
2	Panel spacer		KDBP55H160FA					
3	Long life replacement filter	Non-woven type	KAFP551K160					

No.	Item	Type	FXFQ80A	FXFQ90A	FXFQ100A	FXFQ112A	FXFQ125A
1	Decoration panel		BYCP125K-W1				
2	Panel spacer		KDBP55H160FA				
3	Long life replacement filter	Non-woven type	KAFP551K160				

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

No.	Item	Type	FXZQ20M	FXZQ25M	FXZQ32M	FXZQ40M	FXZQ50M
1	Decoration panel		BYFQ60B3W1				
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				

### Ceiling Mounted Cassette (Double Flow) Type

No.	Item		Type	FXCQ20M FXCQ25M FXCQ32M	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			KAFJ532G80	KAFJ532G160		
		High efficiency filter 90% ★1		KAFJ533G36			KAFJ533G80	KAFJ533G160		
		Filter chamber	bottom suction	KDDFJ53G36			KDDFJ53G80	KDDFJ53G160		
		Long life replacement filter		KAFJ531G36			KAFJ531G80	KAFJ531G160		

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

### Ceiling Mounted Cassette (Single Flow) Type

No.	Item		Type	FXEQ20A	FXEQ25A	FXEQ32A	FXEQ40A	FXEQ50A	FXEQ63A
			1	Decoration panel			BYEP40AW1		

### Slim Ceiling Mounted Duct Type (700 mm width type)

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

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

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

### Ceiling Mounted Duct Type

No.	Item		Type	FXMQ20A FXMQ25A FXMQ32A	FXMQ36A FXMQ40A	FXMQ50A FXMQ56A FXMQ63A FXMQ80A	FXMQ100A FXMQ125A FXMQ140P	FXMQ200MA FXMQ250MA
			1	Drain pump kit			—	
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	KTBJ25K56W	KTBJ25K80W	KTBJ25K160W	—	
		Fresh white	KTBJ25K36F	KTBJ25K56F	KTBJ25K80F	KTBJ25K160F	—	
		Brown	KTBJ25K36T	KTBJ25K56T	KTBJ25K80T	KTBJ25K160T	—	
7	Air discharge adaptor		KDAJ25K36A	KDAJ25K56A	KDAJ25K71A	KDAJ25K140A	—	

# Option List

## Indoor Units

### 4-Way Flow Ceiling Suspended Type

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

### 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	



**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.