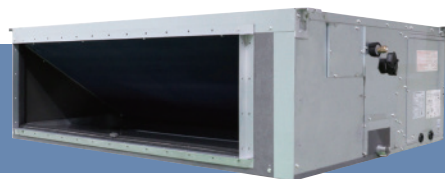


# Ceiling Mounted Duct Type

## FXMQ-PVM

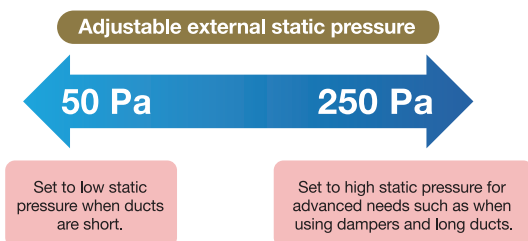
High static pressure allows for flexible duct design.



### Design flexibility

#### Adjustable external static pressure

- Using a DC fan motor, the external static pressure can be controlled within a range of 50Pa to 250 Pa.



Comfortable airflow is achieved in accordance with conditions such as duct length.

### Compact design

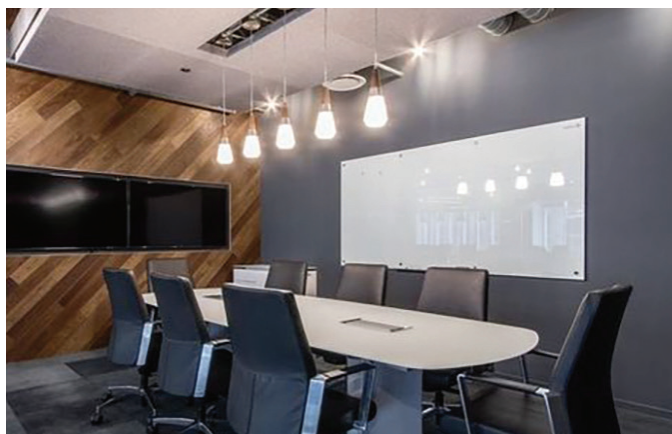
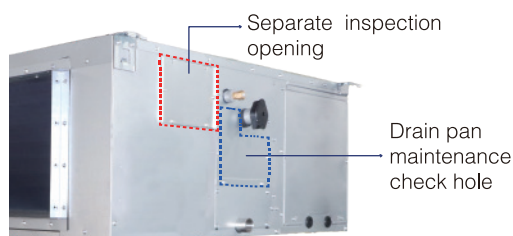
- Light weight by changing copper tube diameter of heat exchanger from  $\phi 8$  to  $\phi 7$  mm.

### Energy-efficient, airflow control and low operation sound level

	FXMQ-PVM	200	250
Reduce power consumption	Power consumption (kW)	0.55	0.67
Control of the airflow rate	Airflow rate (HH/H/L) (m <sup>3</sup> /min)	74/61/50	84/71/58
Low operation sound level	Sound level (HH/H/L) (dB(A))	42/38/35	44/40/37

### Easy maintenance

- Inspection and cleaning is facilitated by separating the inspection opening and the drain pan maintenance check hole.



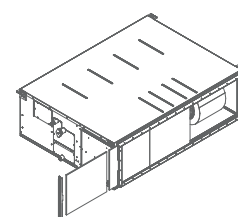
### Easy installation

#### Airflow rate auto adjustment function

- During installation, even if the external static pressure changes due to a change in the duct route, the airflow can be automatically adjusted to within the unit's external static pressure range.
- Airflow rate can be controlled using a remote controller during test operation. It is automatically adjusted to the range between approximately 10% of the rated HH tap airflow

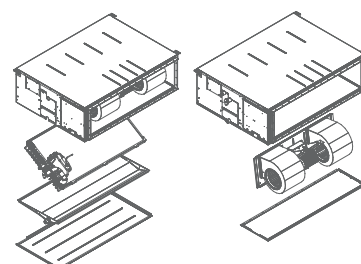
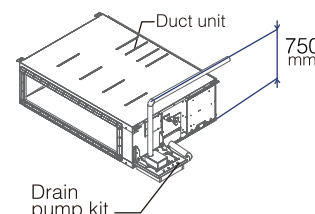
#### Built-in pre-filter slot

- To cater for easy installation of filter at site, a filter rail is available at the return flange.



#### Drain pump kit (Option)

- Steeper gradient realises more efficient condensate drainage
- High-lift is especially useful for long length of drain piping
- Drain pump is offered as optional accessory with 750 mm. lift
- Heat exchanger, drain pan and fan deck can be easily accessed and removed from bottom for maintenance.



# Ceiling Mounted Duct Type

## Specifications

Model			FXMQ200PVM	FXMQ250PVM
Power supply			1-phase, 220-240V/220V-230V, 50/60 Hz	
Cooling capacity	Btu/h		76,400	95,500
	Btu/h*		76,900	96,000
	kW		22.4 / 22.6*	28.0 / 28.2*
Power Consumption	Cooling	kW	0.55 <sup>*1</sup>	0.67 <sup>*1</sup>
Casing			Galvanised steel plate	
Airflow rate (HH/H/L)	m <sup>3</sup> / min		74/61/50	84/71/58
	cfm		2,612/2,153/1,765	2,965/2,506/2,047
External static pressure	Pa		50 - 250 (150) <sup>*2</sup>	50 - 250 (150) <sup>*2</sup>
Sound level (HH/H/L)	dB(A)		42/38/35	44/40/37
Dimensions (HxWxD)	mm		470x1,490x1,100	470x1,490x1,100
Machine weight	kg		95	105
Piping connections	Liquid (Flare)		φ9.5	φ9.5
	Gas (Flange)		φ19.1	φ22.2
	Drain		BSP1"	

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27 °CDB, 19°CWB, ; \*27°CDB, 19.5°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0
- 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: Power consumption values are based on conditions of rated external static pressure.

\*2: External static pressure can be modified using a remote controller that offers fifteen.

These values indicate the lowest and highest possible static pressures. The standard static pressure is 150 Pa for FXMQ200-250P.

## Option list

Model	FXMQ200PVM	FXMQ250PVM
8mm pre-filter	BAFL501A250	
30mm long life replacement filter	BAFL502A250	
High efficiency filter	65%	BAFM503A250
	90%	BAFH504A250
Filter chamber (long life, high efficiency filter)	BDD500A250	
Drain pump kit	BDU510A250VM	
Insulation kit for high humidity	BDT520A250	
Remote Controller	Wireless	For Cooling only BRC4C66 (Note 1)
	Wired	For Heatpump BRC4C65 (Note 1)
Navigation remote controller (Wired remote controller)	BRC1C62-9 (Note 1)	
Wired remote controller with weekly schedule timer	BRC1E62/63 (Notes 1, 2)	
Simplified remote controller	BRC1D61	
Remote controller for hotel use	BRC2C51	
Adaptor for wiring	BRC3A61	
Wiring adaptor for electrical appendices (1)	KRP1C13A	
Wiring adaptor for electrical appendices (2)	KRP2A61	
Remote sensor (for indoor temperature)	KRP4AA51	
External control adaptor for outdoor unit (Must be installed on indoor units)	KRCS01-6B	
Adaptor for multi tenant	DTA104A61	
Central Remote Controller	DTA114A61	
Electrical box with earth terminal (3 blocks)	DCS302CA61	
Unified On/Off Controller	KJB212AA	
Electrical box with earth terminal (2 blocks)	DCS301BA61	
Nosie filter (for electromagnetic interface use only)	KJB212AA	
Schedule Timer	KEK26-1A	
	DST301BA61	