

Engineering Data

FXMQ200PVM

FXMQ250PVM

50 / 60 Hz

R-410A



1. Lineup

Capacity range	22.4 kW	28.0 kW
	8 HP	10 HP
Capacity index	200	250
FXMQ	200PVM	250PVM

VM : 1 phase, 220-240/220-230 V, 50/60 Hz



2. Specifications

Model			FXMQ200PVM	FXMQ250PVM
Power supply			1 phase, 220-240/220-230 V, 50/60 Hz	1 phase, 220-240/220-230 V, 50/60 Hz
★1 ★3 Cooling capacity		kcal/h	19,300	24,100
		Btu/h	76,400	95,500
		kW	22.4	28.0
★2 ★3 Heating capacity		kcal/h	21,500	27,100
		Btu/h	85,300	107,500
		kW	25.0	31.5
★7 Power input	Cooling	kW	0.55	0.67
	Heating	kW	0.54	0.65
Casing / Colour			Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	470×1,490×1,100
Fan	Model		KH9X9-PR708	KH9X9-PR708
	Type		Sirocco fan	Sirocco fan
	Motor output × Number of units	W	648 × 1	750 × 1
	Airflow rate (HH/H/L)	m³/min	74/61/50	84/71/58
		l/s	1,233/1,017/833	1,400/1,183/967
		cfm	2,612/2,153/1,765	2,965/2,506/2,047
	External static pressure	Pa	Rated 150 (250-50) ★4	Rated 150 (250-50) ★4
Drive			Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter			— ★5	— ★5
Piping connections	Liquid	mm	φ9.5 (Flare connection)	φ9.5 (Flare connection)
	Gas	mm	φ19.1 (Flange connection)	φ22.2 (Flange connection)
	Drain		BSP 1 inch internal thread	BSP 1 inch internal thread
Mass		kg	95	105
★6 Sound pressure level (HH/H/L)		dB(A)	42/38/35	44/40/37
Safety devices			Fuse, Fan driver overload protector	Fuse, Fan driver overload protector
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual, Installation manual, Connection pipe with flange, Screws, Clamps	Operation manual, Installation manual, Connection pipe with flange, Screws, Clamps
Drawing No.	Specification		C: 3D117713B	C: 3D117713B
	Sound level		C: 3D118400A	C: 3D118342

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / Outdoor temp.: 35°CDB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / Outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. External static pressure is changeable in 15 stages within the () range by remote controller.
- ★5. Pre-filter is an optional accessory. There is a slot for pre-filter at the suction flange.
Other type of filter is not standard accessory, but please mount it in the duct system of the suction side.
Select its dust collection efficiency (gravity method) 50% or more.
- ★6. 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.
- ★7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to **Electric Characteristics** for the power input when the airflow rate is maximum at maximum external static pressure.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3
l/s=m³/min×1000/60