

SUBMITTAL DATA SHEET

MODEL: MIDDLE STATIC DUCTED 50/60 Hz - FXMQ125PAVE

PROJECT NAME:	
Location:	Approval:
Engineer:	Date
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

FEATURES AND BENEFITS

Installation flexibility

Slim design

• With a height of only 300 mm, installation is possible even in buildings with narrow ceiling spaces.

Standard DC drain pump

• DC drain pump is equipped as standard accessory with 700 mm lift.

Bottom suction possible

• Bottom suction is posible which facilitate installation and maintenance. Wiring connections and maintenance of control box can be done from under the unit with an optional shield plate for side plate* extending the degree of freedom for installation in the ceiling.

Design flexibility

Adjustable external static pressure

 \bullet Using a DC fan motor, the external static pressure can be controlled within a range of 30 Pa* to 200 Pa*.

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

Comfort

Switchable airflow rate

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

Auto airflow rate

• 5-step airflow rate is automatically controlled in accordance with the difference between room temperature and set temperature.

Auto airflow rate control can be selected with wired remote controller BRC1E63 and BRC2E61.

EXTERNAL APPEARANCE



R-410A



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SPECIFICATIONS

MODEL: MIDDLE STATIC DUCTED 50/60 Hz - FXMQ125PAVE

Model				FXMQ125PAVE
Power supply				1 phase, 220-240/220 V, 50/60 Hz
			kcal/h	12,000
*1 *3 Cooling capacity Btu			Btu/h	47,800
		kW	14.0	
*2 *3 Heating capacity		kcal/h	13,800	
		Btu/h kW	54,600	
	ı			16.0
*7 Power input	Cooling	50 Hz 60 Hz	kW	0.284 0.283
	Heating	50 Hz	kW kW	0.272
		60 Hz	kW	0.272
Cosing / Colour	I	00112	KVV	
Casing / Colour			1	Galvanized steel plate
Dimensions: (H×W×D)		mm	300×1,400×700	
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	3×16×1.75
	Face area		m ²	0.383
	Model	Model		_
	Туре			Sirocco fan
	Motor output × Number of units		W	350×1
Fan				39/33/28
ran	Airflow rate (HH/H/L)		l/s	6F22:F2450/550/466
			cfm	1,377/1,165/988
	External static pressure		Pa	Rated 100 (200-50 *4)
	Drive			Direct drive
Temperature control				Microprocessor thermostat for cooling and heating
Air filter				- *5
	Liquid pipes		mm	ф9.5 (Flare connection)
Piping connections	Gas pipes		mm	φ15.9 (Flare connection)
. 5	Drain pipe		mm	VP25 (External dia. 32) Internal dia. 25
Mass		kg	45	
*6 Sound pressure level (HH/H/L) dB(A		dB(A)	44/42/40	
Sound power level (H) dB		dB	62	
Safety devices				Fuse, Fan driver overload protector
Refrigerant control				Electronic expansion valve
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing pads, Clamps, Washers, Screws, Insulation for fitting, Clamp metal, Air discharge flange, Ai suction flange
Drawing No.	Specification			C: 3D 105230B
	Sound level			C: 4D 060449C

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 7 stages (FXMQ20/25/32PAVE), 13 stages (FXMQ40PAVE), 14 stages (FXMQ50/63/80/100/125PAVE), 10 stages (FXMQ140PAVE) within the () range by remote controller.
- *5. Air 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 center. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- *7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to Electric Characteristics or the power input when the airflow rate is maximum at maximum external static pressure.

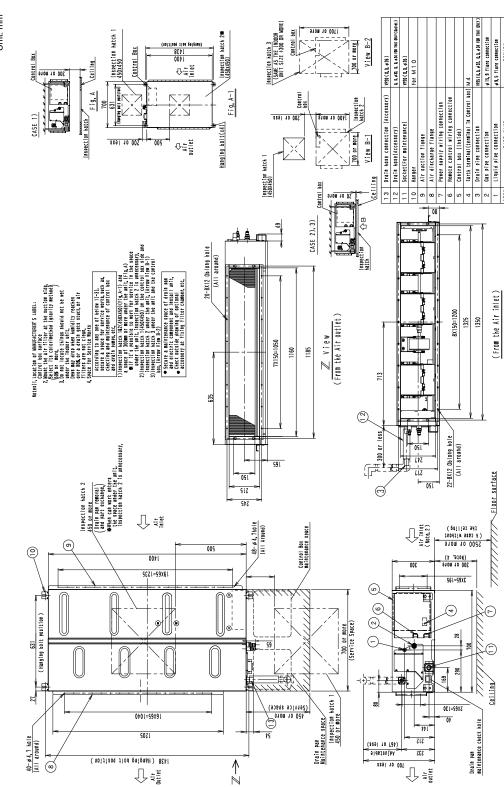


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Unit: mm

DIMENSIONS



3D105235A