

SUBMITTAL DATA SHEET

MODEL: MIDDLE STATIC DUCTED 50/60 Hz - FXMQ63PAVE

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

• 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 - FXMQ63PAVE

Model				FXMQ63PAVE	
Power supply				1 phase, 220-240/220 V, 50/60 Hz	
kcal/h			kcal/h	6,100	
*1 *3 Cooling capacity Btu/h			Btu/h	24,200	
kW		kW	7.1		
*2 *3 Heating capacity		kcal/h	6,900		
			27,300		
			8.0		
*7 Power input	Cooling	50 Hz	kW	0.138	
		60 Hz	kW	0.138	
	Heating	50 Hz	kW	0.127	
		60 Hz	kW	0.127	
Casing / Colour			Galvanized steel plate		
Dimensions: (H×W×D)		mm	300×1,000×700		
Coil (Cross fin coil)	Rows × Stages × Fin pitch mm		mm	3×16×1.75	
	Face area m²		m²	0.249	
Тур	Model				
	Туре			Sirocco fan	
	Motor output × Number of units W		W	350×1	
Ean	Airflow rate (HH/H/L)		m³/min	19.5/17.5/16	
Fan			l/s	325/292/267	
			cfm	688/618/565	
	External static pressure		Pa	Rated 100 (200-50 *4)	
	Drive			Direct drive	
Temperature control				Microprocessor thermostat for cooling and heating	
Air filter			— *5		
	Liquid pip	es	mm	φ9.5 (Flare connection)	
Piping connections	Gas pipes		mm	φ15.9 (Flare connection)	
	Drain pipe	9	mm	VP25 (External dia. 32) Internal dia. 25	
Mass		kg	35		
*6 Sound pressure level (HH/H/L) dB(A)		dB(A)	42/40/38		
Sound power level (H) dB		dB	60		
Safety devices			Fuse, Fan driver overload protector		
Refrigerant control				Electronic expansion valve	
Standard accessories			Operation manual, Installation manual, Drain hose, Sealing pads, Clamps, Washer Screws, Insulation for fitting, Clamp metal, Air discharge flange, Air suction flan		
Drawing No.	Specification			C: 3D105230B	
	Sound level			C: 4D060447C	

Notes:

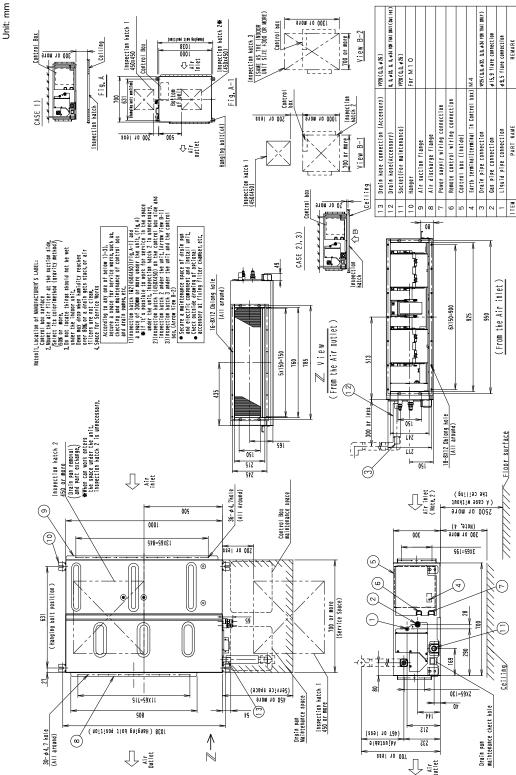
- *1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- *2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length:
- 7.5 m, level difference: 0 m. $\,$
- *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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DIMENSIONS



3D105233A