



Submittal Data Sheet

1.5-Ton DC-Ducted Concealed Ceiling Unit

FXMQ18PBVJU

FEATURES

- Increased capacity range for increased flexibility
- Improved efficiency with DC fan motor
- Ease of installation with auto adjusting airflow at commissioning based on external static pressure
- Easy maintenance with service access from below
- Installation flexibility with a low profile, compact design at less than 12" in height
- Integral condensate pump with up to 18-3/8" lift
- Standard Limited Warranty: 10-year warranty on compressor and all parts

BENEFITS

- Enhanced indoor air quality and LEED ready with MERV 13 filter options
- Flexible ductwork design with ESP capabilities up to 0.80" W.G.
- New economizer control logic
- New configurable auxiliary heater control logic
- Design allows it to be completely concealed - perfect for retail, classrooms, offices, banks, restaurants, and hotels.





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PERFORMANCE

Indoor Unit Model No.	FXMQ18PBVJU	Indoor Unit Name:	1.5-Ton DC-Ducted Concealed Ceiling Unit
Type:	Ducted	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Rated Cooling Capacity (Btu/hr):	18,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Sensible Capacity (Btu/hr):	15,600	Rated Piping Length(ft):	
Cooling Input Power (kW):	0.210	Rated Height Separation (ft):	
Rated Heating Capacity (Btu/hr):	20,000		
Heating Input Power (kW):	0.20		

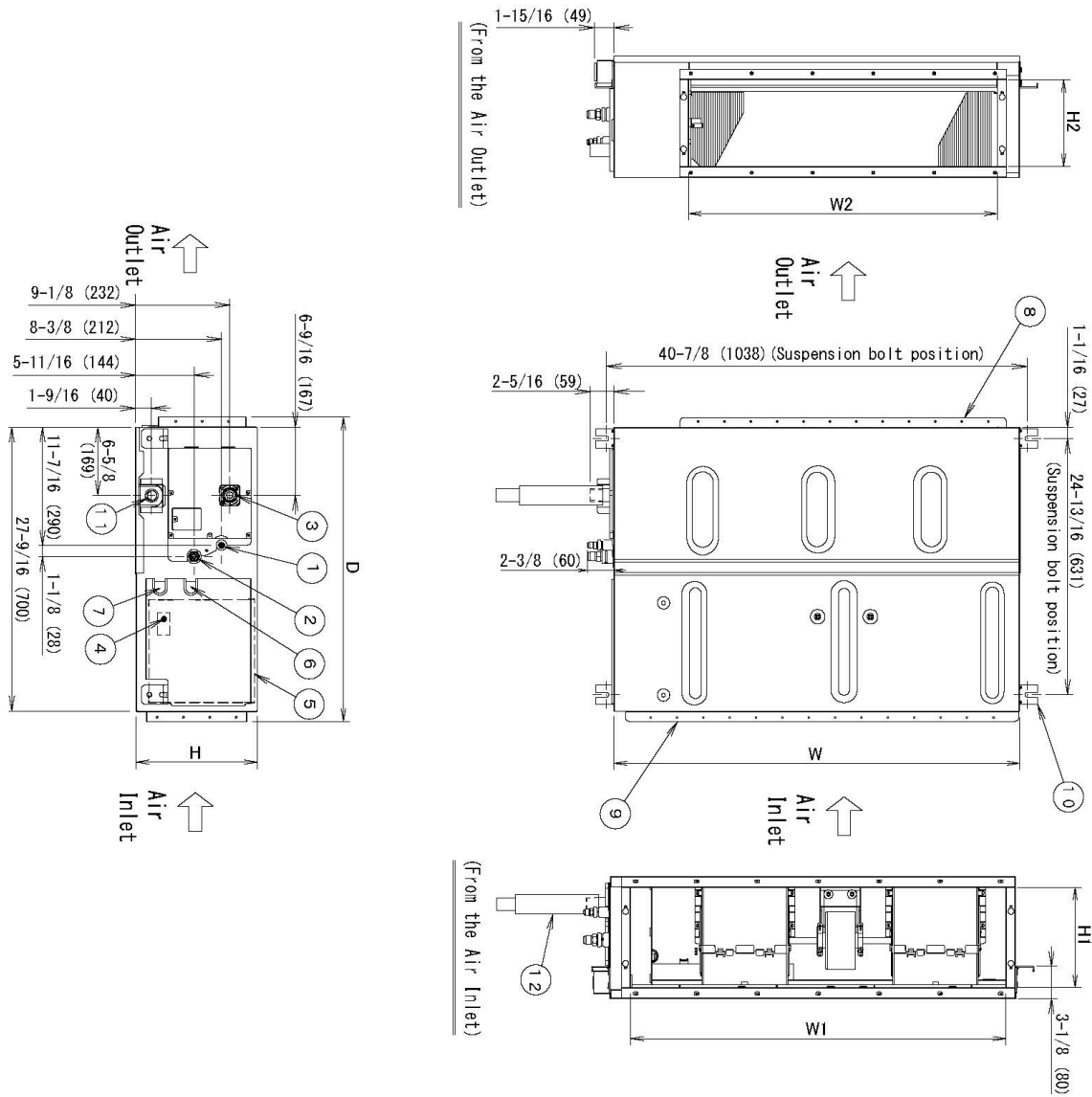
INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (HH/H/L) (CFM):	635/582/529
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.6	Gas Pipe Connection (inch):	1/2
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	11-13/16 x 39-3/8 x 27-9/16	Condensate Connection (inch):	1-1/4
Net Weight (lb):	80	Sound Pressure (H/L) (dBA):	39/37
Ext. Static Pressure (Rated/Max) (inWg):	0.4" / 0.8"	Sound Power Level (dBA):	61

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DIMENSIONAL DRAWING



H	11-13/16 (300)
W	39-3/8 (1000)
D	29-8/16 (749)
Air Inlet	H1 9-3/4 (247)
	W1 36-7/16 (925)
Air Outlet	H2 8-7/16 (215)
	W2 29-15/16 (760)

12	Drain hose (Accessory)	O. D. ϕ 1-1/4 (ϕ 32) (Outlet)
11	Socket (For maintenance)	VP25 (O. D. ϕ 1-1/4 (ϕ 32), I. D. ϕ 1 (ϕ 25))
10	Hanger	For M10
9	Air Inlet flange	
8	Air Outlet flange	
7	Power supply connection	
6	Transmission wiring connection	
5	Control box (Inside)	
4	Ground terminal (Terminal in Control box)	M4
3	Drain pipe connection	VP25 (O. D. ϕ 1-1/4 (ϕ 32), I. D. ϕ 1 (ϕ 25))
2	Gas pipe connection	ϕ 1/2 (ϕ 12.7) flare connection
1	Liquid pipe connection	ϕ 1/4 (ϕ 6.4) flare connection
ITEM	PART NAME	REMARK

Note: For additional dimensional data and clearance information, refer to the Engineering Data manual.

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