



Submittal Data Sheet

0.6-Ton MSP Concealed Ducted Unit

FXSA07AAVJU

FEATURES

- Design for installation flexibility, with a factory rear-return configuration and field convertible to bottom return configuration
- Slender design with only 9-11/16 height and requiring 11-1/4 clearance in ceiling space allowing for installation in cramped applications
- Ease of installation with auto adjusting airflow at commissioning based on external static pressure.
- Powerful static pressure capability, with up to 0.6 in.w.g. (150Pa) external static pressure.
- New minimal discharge air temperature setting to help mitigate risk of condensation on air vents
- Efficient operation and year-round energy savings through Smart Variable Refrigerant Temperature (VRT) technology
- Quiet operation for sound sensitive applications with sound levels as low as 28 dB(A).
- High degree of control for auxiliary heating devices, with independently configurable on/off temperature values.
- Integral condensate pump with up to 25-5/16 (643mm) of lift from the drain outlet
- Maintenance-friendly inspection port to easily check the conditions of the drain pan



BENEFITS

- Factory-installed integrated refrigerant leak sensor
- Dispersion Mode: Higher airflow rate for leak mitigation through circulation
- Terminal for connection, via optional relay PCB, to external alarms and monitoring systems



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PERFORMANCE

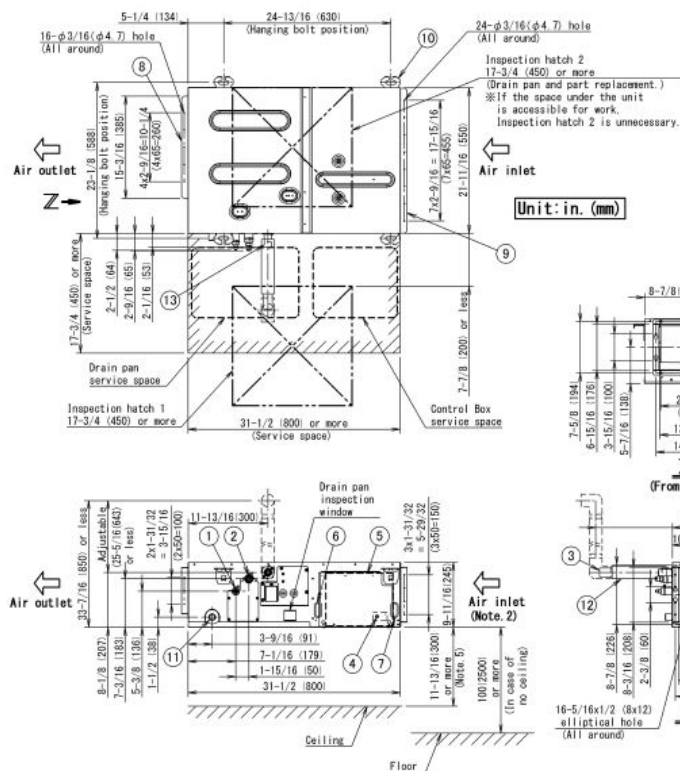
Indoor Unit Model No.	FXSA07AAVJU	Indoor Unit Name:	0.6-Ton MSP Concealed Ducted Unit
Type:		Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Rated Cooling Capacity (Btu/hr):	7,200	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Sensible Capacity (Btu/hr):		Rated Piping Length(ft):	
Cooling Input Power (kW):		Rated Height Separation (ft):	
Rated Heating Capacity (Btu/hr):	8,500		

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	281/265/230
Power Supply Connections:	L1, L2, G	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	0.8	Gas Pipe Connection (inch):	1/2
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	9-11/16 x 21-11/16 x 31-1/2	Condensate Connection (inch):	1
Ext. Static Pressure (Rated/Max) (inWg):	0.12 / 0.6	Sound Pressure (H/M/L) (dBA):	33/30/28
Net Weight (lb):	55	Sound Power Level (dBA):	61

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DIMENSIONAL DRAWING



- Notes) 1. Location of main plate : control box cover
- 2. Make sure to mount an air filter inside air passage of the suction side.
(Select dust collection efficiency (gravimetric method) 50% or more.)
- 3. If the temperature and humidity in the ceiling is likely to exceed 86°F (30°C) and 80% RH, reinforce thermal insulation by adding additional insulation materials such as glass wool or polystyrene that have thickness of 3/8(10) or more.
- 4. Do not put anything that should not get wet under the indoor unit.
- 5. Dew may drop when humidity reaches over 80%.
- 6. drain gets stuck or air filter is clogged.
- 5. Space for service works

Provide service space for service work such as check and maintenance of the control box and drain pump by one of the following ways.

- 1) Inspection hatch 1 and 2 (17-3/4 x 17-3/4) (450x450) (Fig. A-1) and a space of 11-13/16 (300mm) or more under the unit. (Fig. A)

- 2) Inspection hatch 1 (17-3/4 x 17-3/4) 1450x450) on the control box side, and inspection hatch 2 under the unit. (View B-1)
- 3) Inspection hatch 3 under the unit and control box. (View B-2)
- Provide enough space for maintenance and

- Provide enough space for maintenance and mount the drain pan and control box.
- Check the drawing of optional accessories with optional accessories such as filter chamber.

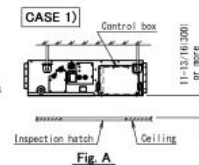


Fig. A

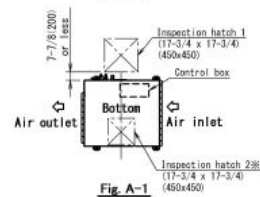
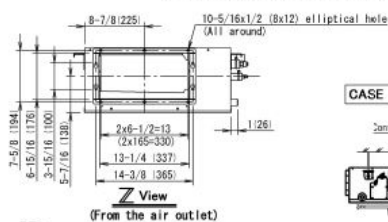
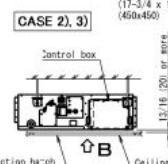


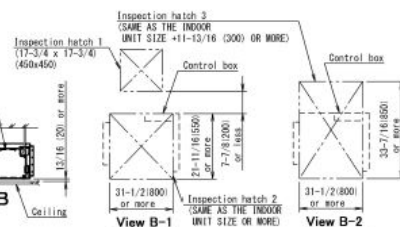
Fig. A-1



(From the air outlet)



CASE 2)



View B-1

View B-2

13	Drain socket	
12	Drain hose (Accessory)	
11	Socket (for maintenance)	Ø D. $\phi 1'' (\phi 25)$
10	Hanger bracket	For M8-10 or equivalent
9	Air suction flange	
8	Air discharge flange	
7	Power supply wiring connection	
6	Transmission and remote controller wiring connection	
5	Control box (inside)	
4	Ground terminal (Control box)	Ø4
3	Drain pipe connection	Ø D. $\phi 1-1/4'' (\phi 32)$
2	Gas pipe connection	Ø D. $\phi 1/2'' (\phi 12.7)$ Flare connection
1	Liquid pipe connection	$\phi 1/4'' (\phi 6.4)$ Flare connection
ITEM	PART NAME	REMARK