



## Submittal Data Sheet

4.5-Ton R-32 MSP Concealed Ducted Unit

FXSA54AAVJU

### 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.	FXSA54AAVJU	Indoor Unit Name:	4.5-Ton R-32 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):	54,000	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):	60,000		

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1377/1,183/989
Power Supply Connections:	L1, L2, G	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	3.3	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	9-11/16 x 61 x 31-1/2	Condensate Connection (inch):	1
Ext. Static Pressure (Rated/Max) (inWg):	0.2 / 0.56	Sound Pressure (H/M/L) (dBA):	43/40/36
Net Weight (lb):	115	Sound Power Level (dBA):	71

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## **DIMENSIONAL DRAWING**

