



## Submittal Data Sheet

2-Ton MSP Concealed Ducted Unit

FXSA24AAVJU

### 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.            | FXSA24AAVJU | Indoor Unit Name:             | 2-Ton MSP Concealed Ducted Unit                           |
| Type:                            |             | Rated Cooling Conditions:     | Indoor (°F DB/WB): 80 / 67<br>Ambient (°F DB/WB): 95 / 75 |
| Rated Cooling Capacity (Btu/hr): | 24,000      | Rated Heating Conditions:     | Indoor (°F DB/WB): 70 / 60<br>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): | 27,000      |                               |   |

INDOOR UNIT DETAILS

|  |                           |                                |             |
|--|---------------------------|--------------------------------|-------------|
| Power Supply (V/Hz/Ph):                  | 208-230 / 60 / 1          | Airflow Rate (H/M/L) (CFM):    | 742/618/512 |
| Power Supply Connections:                | L1, L2, G                 | Moisture Removal (Gal/hr):     |             |
| Min. Circuit Amps MCA (A):               | 1.8                       | 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 39-3/8 x 31-1/2 | Condensate Connection (inch):  | 1           |
| Ext. Static Pressure (Rated/Max) (inWg): | 0.2 / 0.6                 | Sound Pressure (H/M/L) (dBA):  | 38/34/30    |
| Net Weight (lb):                         | 77                        | Sound Power Level (dBA):       | 65.5        |

