



Submittal Data Sheet

3.5-Ton R-32 Multi Position Air Handling Unit (w/ Disconnect)

FXTA42AAVJUD

FEATURES

- Full multi-position air handler capable of upflow, downflow, horizontal right, and horizontal left installation.
- Efficient operation and year-round energy savings through Smart Variable Refrigerant Temperature (VRT) technology
- High efficiency, ECM motor powers the fan to deliver nominal CFM at up to 0.9 w.g. static.
- Auto fan speed setting automatically adjusts the fan speed through 5 steps based on the load in the space.
- Wide line up of electric heat (field installed) options from 3kW to 25kW.
- Auxiliary heat logic features a reduced heater operation deadband and the ability to run both heat pump and auxiliary heat for maximum comfort and performance in colder climates. The auxiliary heat can be interlocked with the ambient temperature sensed by the outdoor unit.
- Designed with less than 2% air leakage when tested in accordance with ASHRAE standard 193.
- Easy integration with third party accessories such as a humidifier or economizer with on-board contacts.
- Sound levels as low as 36 dBA for operation in sound sensitive environments
- Optional factory installed disconnect (Built to order model FXTA_AAVJUA(D)).



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.	FXTA42AAVJUD	Indoor Unit Name:	3.5-Ton R-32 Multi Position Air Handling Unit (w/ Disconnect)
Type:		Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Rated Cooling Capacity (Btu/hr):	42,000	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):	46,000		

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1400/1,190/980
Power Supply Connections:	L1, L2, G	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	6.5	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	53.43 x 21 x 21	Condensate Connection (inch):	3/4
Ext. Static Pressure (Rated/Max) (inWg):	0.9 / 0.9	Sound Pressure (H) (dBA):	54
Net Weight (lb):	147	Sound Power Level (dBA):	



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DIMENSIONAL DRAWING

FXTA42AAVJUA FXTA42AAVJUD
FXTA48AAVJUA FXTA48AAVJUD

