



Submittal Data Sheet

3.5-Ton Multi Position Air Handling Unit

FXTQ42TAVJUA

FEATURES

- Capable of upflow, horizontal-right, horizontal-left, and downflow installation. Downflow installation requires the use of a field installed downflow accessory kit.
- Variable speed ECM motor produces nominal CFM up to 0.9â€ external static pressure
- Improved auxiliary heat logic
- Designed with less than 2% air leakage when tested in accordance with ASHRAE 193
- All-aluminum coil
- Precise refrigerant modulation from a 2000 pulse electric expansion valve
- Cool, Dry, Auto, Heat, and Fan operation modes
- Auto Fan Speed automatically adjusts fan speed in relation to space temperature and set point
- Configurable Dry mode
- Optional slide-in electric heat available up to 19 kW

BENEFITS

- Optimized fan speed from Auto Fan Speed logic
- Reduced auxiliary heat dead band
- Configurable electric heat on/off temperature settings
- Compact footprint fits tight spaces





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PERFORMANCE

Indoor Unit Model No.	FXTQ42TAVJUA	Indoor Unit Name:	3.5-Ton Multi Position Air Handling Unit
Type:	Ducted	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 / Ambient (°F DB/WB): 47 / 43
Sensible Capacity (Btu/hr):	30,600	Rated Piping Length(ft):	
Cooling Input Power (kW):	0.470	Rated Height Separation (ft):	
Rated Heating Capacity (Btu/hr):	46,000		
Heating Input Power (kW):	0.47		

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1,400/1,190/980
Power Supply Connections:		Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	6.50	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15.00	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	53.43 x 21 x 21	Condensate Connection (inch):	3/4
Panel (HxWxD) (in):		Sound Pressure (H) (dBA):	54
Net Weight (lb):	150	Sound Power Level (dBA):	62
Panel Weight (lb):		Ext. Static Pressure (Rated/Max) (inWg):	0.90 / 0.90

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DIMENSIONAL DRAWING

