



Submittal Data Sheet

3.5-Ton Multi Position Air Handling Unit (w/ disconnect)

FXTQ42TAVJUD

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 0.9" 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 electronic 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
- Factory mounted disconnect switch
- Configurable Dry mode
- Standard Limited Warranty: 10-year warranty on compressor and all parts

BENEFITS

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





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PERFORMANCE

| | | | |
|----------------------------------|--------------|-------------------------------|---|
| Indoor Unit Model No. | FXTQ42TAVJUD | Indoor Unit Name: | 3.5-Ton Multi Position Air Handling Unit (w/ disconnect) |
| 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): | | Sound Power Level (dBA): | 62 |
| Panel Weight (lb): | | Ext. Static Pressure (Rated/Max) (inWg): | 0.90 / 0.90 |

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DIMENSIONAL DRAWING

