



Submittal Data Sheet

4.5-Ton Vertical Air Handling Unit

FXTQ54PAVJU

FEATURES

- Reduced installation time with integrated Electronic Expansion Valve and Printed Circuit Boards
- Improved application flexibility with the ability to mix and match with other Daikin indoor units on the same system
- Wider application range with dual voltage 208-230V/1ph/60Hz power supply
- Reduced piping cost with smaller piping diameters
- Improved user comfort with 2 selectable fan speeds (H and L)
- Standard Limited Warranty: 10-year warranty on compressor and all parts

BENEFITS

- New fan "Auto" logic allowing the unit to be commissioned where the fan operation will cycle on and off with the load
- Ideal replacement for traditional fan coils or vertical stack units
- The ECM fan motor as standard contributes to the increase in energy efficiency, reduction in sound and increased ESP (up to 0.5" W.G.)





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PERFORMANCE

| | | | |
|----------------------------------|-------------|-------------------------------|---|
| Indoor Unit Model No. | FXTQ54PAVJU | Indoor Unit Name: | 4.5-Ton Vertical 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): | 54,000 | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43 |
| Sensible Capacity (Btu/hr): | 35,419 | Rated Piping Length(ft): | |
| Cooling Input Power (kW): | 0.820 | Rated Height Separation (ft): | |
| Rated Heating Capacity (Btu/hr): | 60,000 | | |
| Heating Input Power (kW): | 0.82 | | |

INDOOR UNIT DETAILS

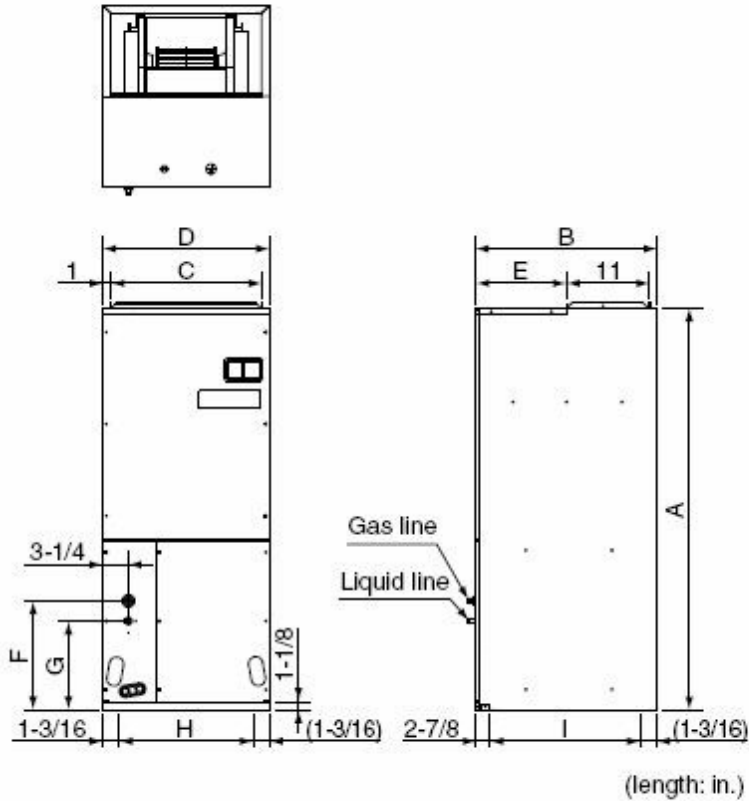
| | | | |
|---------------------------------------|------------------|--|-------------|
| Power Supply (V/Hz/Ph): | 208-230 / 60 / 1 | Airflow Rate (H/L) (CFM): | 1,800/1,260 |
| Power Supply Connections: | L1, L2, Ground | Moisture Removal (Gal/hr): | |
| Min. Circuit Amps MCA (A): | 8.00 | Gas Pipe Connection (inch): | 5/8 |
| Max Overcurrent Protection (MOP) (A): | | Liquid Pipe Connection (inch): | 3/8 |
| Dimensions (HxWxD) (in): | 53-1/4 x 22 x 24 | Condensate Connection (inch): | 3/4 |
| Panel (HxWxD) (in): | | Sound Pressure () (dBA): | |
| Net Weight (lb): | 167 | Sound Power Level (dBA): | |
| Panel Weight (lb): | | Ext. Static Pressure (Rated/Max) (inWg): | 0.50 / 0.50 |

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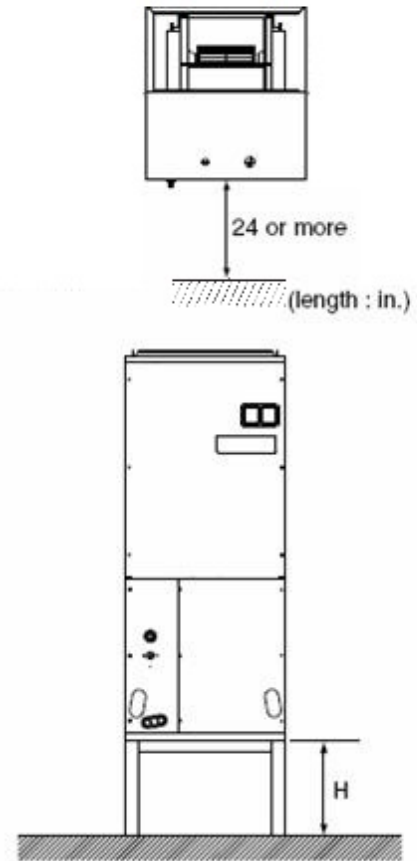
FXTQ54PAVJU

DIMENSIONAL DRAWING



| Model | A | B | C | D | E | F | G | H | I |
|--|------------|----|------------|------------|----|------------|--------------|------------|--------------|
| 12 · 18 type | 46- 3/4 | 22 | 17- 1/2 | 19- 1/2 | 10 | 14- 1/2 | 11- 15/16 | 17- 1/8 | 17- 15/16 |
| 24 · 30 · 36 · 42 · 48 · 54 type | 53- 3/4 | 24 | 20 | 22 | 12 | 14- 1/2 | 11- 15/16 | 19- 5/8 | 19- 15/16 |

(Top view)



- Ensure sufficient space for the bottom of the product (H dimensions) so that a downward slope of 1/100 can be maintained for drain piping, as described for the intake duct installation and in "6. DRAIN PIPING WORK".