



## Submittal Data Sheet

1.5-Ton Vertical Air Handling Unit

FXTQ18PAVJU

### 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.)





## Submittal Data Sheet

1.5-Ton Vertical Air Handling Unit

FXTQ18PAVJU

### PERFORMANCE

|                                  |             |                               |   |
|----------------------------------|-------------|-------------------------------|---|
| Indoor Unit Model No.            | FXTQ18PAVJU | Indoor Unit Name:             | 1.5-Ton Vertical Air Handling Unit                        |
| Type:                            | Ducted      | Rated Cooling Conditions:     | Indoor (°F DB/WB): 80 / 67<br>Ambient (°F DB/WB): 95 / 75 |
| Rated Cooling Capacity (Btu/hr): | 18,000      | Rated Heating Conditions:     | Indoor (°F DB/WB): 70 / 70<br>Ambient (°F DB/WB): 47 / 43 |
| Sensible Capacity (Btu/hr):      | 11,685      | Rated Piping Length(ft):      |   |
| Cooling Input Power (kW):        | 0.170       | Rated Height Separation (ft): |   |
| Rated Heating Capacity (Btu/hr): | 20,000      |                               |   |
| Heating Input Power (kW):        | 0.17        |                               |   |

### INDOOR UNIT DETAILS

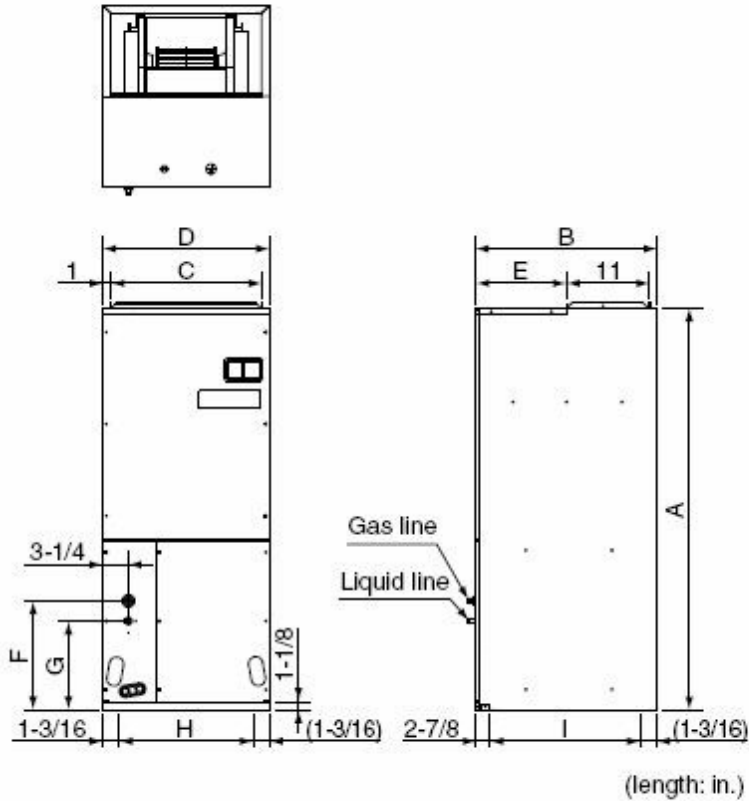
|                                       |                      |  |             |
|---------------------------------------|----------------------|--|-------------|
| Power Supply (V/Hz/Ph):               | 208-230 / 60 / 1     | Airflow Rate (H/L) (CFM):                | 600/420     |
| Power Supply Connections:             | L1, L2, Ground       | Moisture Removal (Gal/hr):               |             |
| Min. Circuit Amps MCA (A):            | 1.90                 | Gas Pipe Connection (inch):              | 1/2         |
| Max Overcurrent Protection (MOP) (A): |                      | Liquid Pipe Connection (inch):           | 1/4         |
| Dimensions (HxWxD) (in):              | 46-3/4 x 19-1/2 x 22 | Condensate Connection (inch):            | 3/4         |
| Panel (HxWxD) (in):                   |                      | Sound Pressure ( ) (dBA):                |             |
| Net Weight (lb):                      | 119                  | Sound Power Level (dBA):                 |             |
| Panel Weight (lb):                    |                      | Ext. Static Pressure (Rated/Max) (inWg): | 0.50 / 0.50 |

### Submittal Data Sheet

1.5-Ton Vertical Air Handling Unit

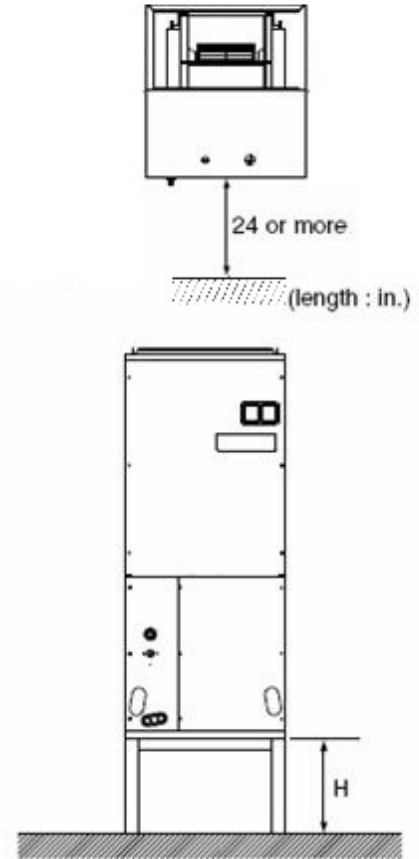
FXTQ18PAVJU

## DIMENSIONAL DRAWING



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