



## Submittal Data Sheet

3.5-Ton Vertical Air Handling Unit

FXTQ42PAVJU

### 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.	FXTQ42PAVJU	Indoor Unit Name:	3.5-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):	42,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43
Sensible Capacity (Btu/hr):	27,694	Rated Piping Length(ft):	
Cooling Input Power (kW):	0.470	Rated Height Separation (ft):	
Rated Heating Capacity (Btu/hr):	47,000		
Heating Input Power (kW):	0.47		

### INDOOR UNIT DETAILS

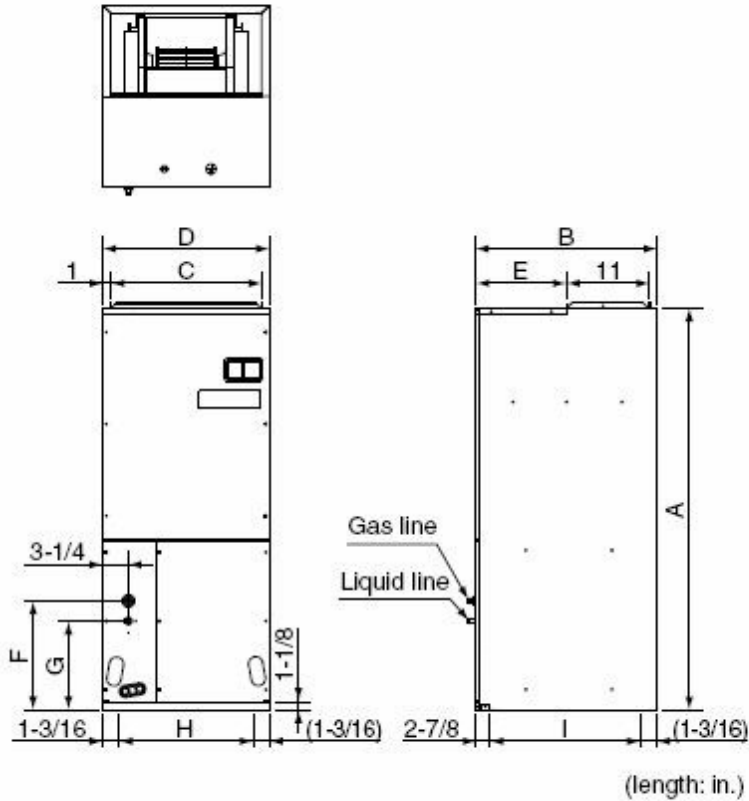
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	1,400/980
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	4.00	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):		Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (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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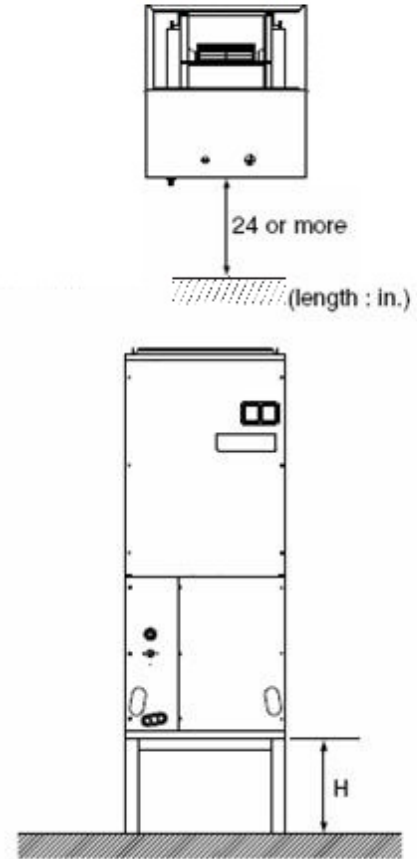
FXTQ42PAVJU

## 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".