



Submittal Data Sheet

1.5-Ton Inverter Ducted Unit

FTQ18PBVJU-RZQ18PVJU8

FEATURES

- Upflow or horizontal right configurations
- Field-installed electric heat options available from 3kW to 15kW
- 10 year limited parts and compressor warranty

BENEFITS

- Low ambient heat operation down to 0°F

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

| | | | |
|------------------------------------|------------|----------------------------------|---|
| Indoor Unit Model No. | FTQ18PBVJU | Indoor Unit Name: | Sky-Air Ducted Unitary - PB Series |
| Outdoor Unit Model No. | RZQ18PVJU8 | Outdoor Unit Name: | Sky-Air Heat Pump ODU |
| Rated Cooling Capacity (Btu/hr): | 18,000 | Rated Cooling Conditions: | Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75 |
| Sensible Capacity (Btu/hr): | 15,100 | Rated Piping Length(ft): | 25 |
| Max/Min Cooling Capacity (Btu/hr): | / | Rated Height Difference (ft): | 0.00 |
| Cooling Input Power (kW): | 1.250 | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43 |
| SEER (Non-Ducted/Ducted): | 20.00 / | HSPF (Non-Ducted/Ducted): | 12.0 / |
| EER (Non-Ducted/Ducted): | 14.50 / | Heating COP (Non-Ducted/Ducted): | 4.0 / |
| Rated Heating Capacity (Btu/hr): | 20,000 | | |
| Heating Input Power (kW): | 1.47 | | |

SYSTEM DETAILS

| | | | |
|--|--------|-----------------------------------|----------|
| Refrigerant Type: | R-410A | Cooling Operation Range (°F DB): | 23 - 115 |
| Holding Refrigerant Charge (lbs): | 5.10 | Heating Operation Range (°F WB): | 0 - 60 |
| Additional Charge (lb/ft): | 0.35 | Max. Pipe Length (Vertical) (ft): | 98 |
| Pre-charge Piping (Length) (ft): | 0 | Cooling Range w/Baffle (°F DB): | 0 - 115 |
| Max. Pipe Length (Total) (ft): | 98 | Heating Range w/Baffle (°F WB): | - 77 |
| Max Height Separation (Ind to Ind ft): | 0 | | |

Submittal Data Sheet

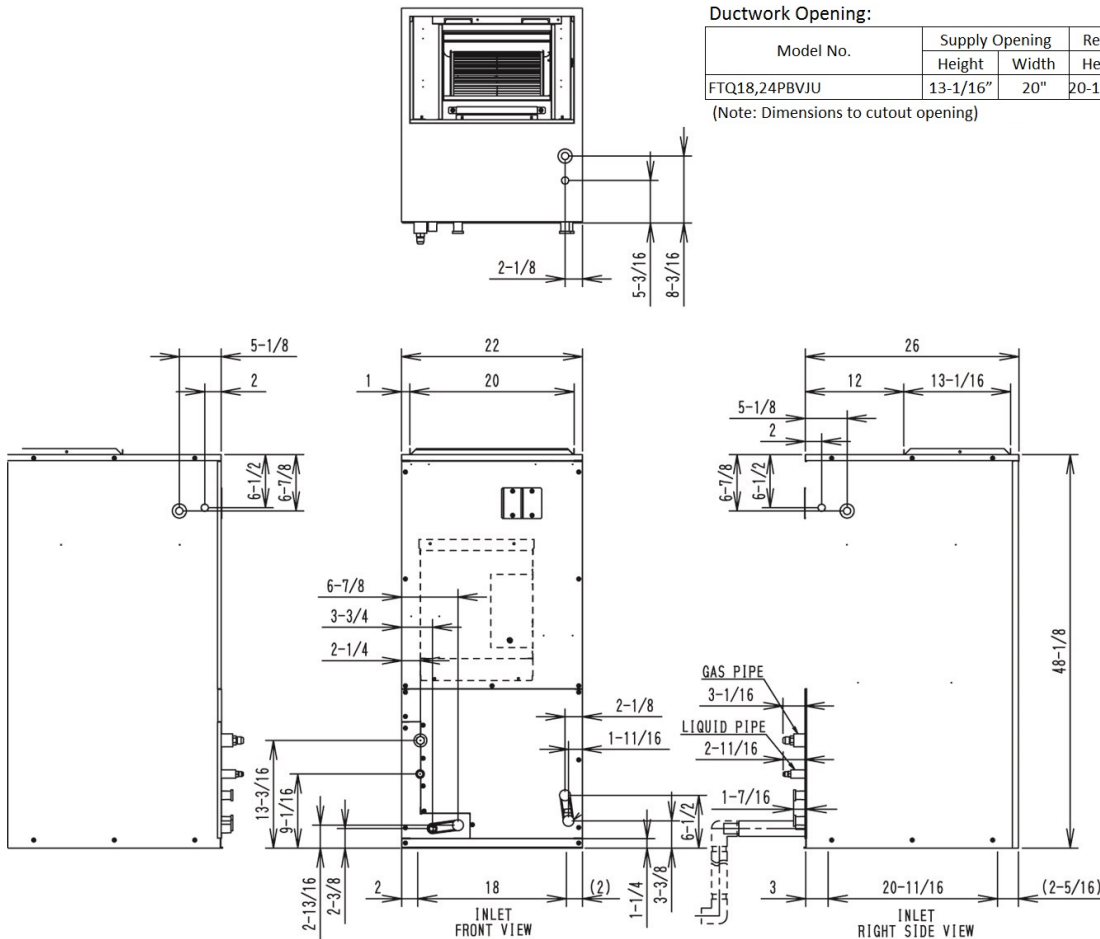
1.5-Ton Inverter Ducted Unit

FTQ18PBVJU-RZQ18PVJU8

INDOOR UNIT DETAILS

| | | | |
|--|------------------|--------------------------------|-------------|
| Power Supply (V/Hz/Ph): | 208/230 / 60 / 1 | Airflow Rate (H/M/L) (CFM): | 600/510/420 |
| Power Supply Connections: | L1, L2, Ground | Moisture Removal (Gal/hr): | |
| Min. Circuit Amps MCA (A): | 1.5 | Gas Pipe Connection (inch): | 5/8 |
| Max Overcurrent Protection (MOP) (A): | 15 | Liquid Pipe Connection (inch): | 3/8 |
| Dimensions (HxWxD) (in): | 48-1/8 x 22 x 26 | Condensate Connection (inch): | 1 |
| Net Weight (lb): | 161 | Sound Pressure () (dBA): | |
| Ext. Static Pressure (Rated/Max) (inWg): | 0.3 / 0.5 | Sound Power Level (dBA): | |

DIMENSIONAL DRAWING - INDOOR UNIT

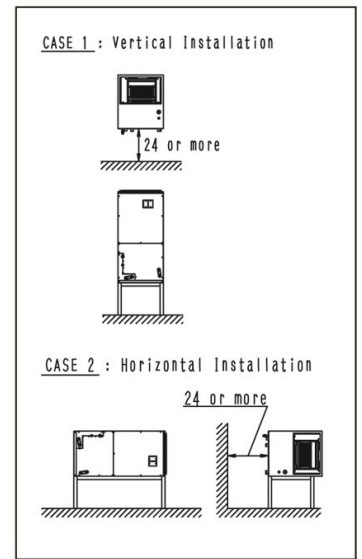


Ductwork Opening:

| Model No. | Supply Opening | | Return Opening | |
|---------------|----------------|-------|----------------|-------|
| | Height | Width | Height | Width |
| FTQ18,24PBVJU | 13-1/16" | 20" | 20-11/16" | 18" |

(Note: Dimensions to cutout opening)

FTQ18/24PBVJU
Unit: Inches





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OUTDOOR UNIT DETAILS

| | | | |
|---------------------------------------|----------------------------|--------------------------------|------|
| Power Supply (V/Hz/Ph): | 208/230 / 60 / 1 | Compressor Stage: | |
| Power Supply Connections: | L1, L2, Ground | Capacity Control Range (%): | - |
| Min. Circuit Amps MCA (A): | 16.5 | Airflow Rate (H) (CFM): | 1835 |
| Max Overcurrent Protection (MOP) (A): | 20 | Gas Pipe Connection (inch): | 5/8 |
| Max Starting Current MSC(A): | | Liquid Pipe Connection (inch): | 3/8 |
| Rated Load Amps RLA(A): | | Sound Pressure (H) (dBA): | 49 |
| Dimensions (HxWxD) (in): | 30-5/16 x 35-7/16 x 12-5/8 | Sound Power Level (dBA): | |
| Net Weight (lb): | 150 | | |

DIMENSIONAL DRAWING - OUTDOOR UNIT

RZR18PVJU8 / RZR24PVJU8 / RZR30PVJU8
 RZQ18PVJU8 / RZQ24PVJU8 / RZQ30PVJU8

Unit: in.

