



Submittal Data Sheet

1.5-Ton DC Ducted Unit

FBQ18PVJURZQ18TAVJUA

FEATURES

- External static pressure (ESP) capabilities up to 0.8" W.G.
- Three user selected fan speeds available plus fan "Auto" logic
- Low ambient cooling operation down to 0°F (with optional wind baffle(s))
- Built-in condensate pump
- Maximum piping length up to 164 ft. allows flexible placement of indoor unit
- Maximum piping height separation up to 98 ft.
- 10 year limited parts and compressor warranty

BENEFITS

- DC fan motor provides improved efficiency
- Bottom access for easy service

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

| | | | |
|------------------------------------|-------------|-------------------------------|---|
| Indoor Unit Model No. | FBQ18PVJU | Indoor Unit Name: | Sky-Air DC Ducted |
| Outdoor Unit Model No. | RZQ18TAVJUA | 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): | 14,800 | Rated Piping Length(ft): | 25 |
| Max/Min Cooling Capacity (Btu/hr): | / | Rated Height Difference (ft): | 0.00 |
| Cooling Input Power (kW): | 2.120 | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43 |
| SEER (Non-Ducted/Ducted): | / 16.70 | | |
| EER (Non-Ducted/Ducted): | / 13.00 | | |
| Rated Heating Capacity (Btu/hr): | 20,000 | | |

SYSTEM DETAILS

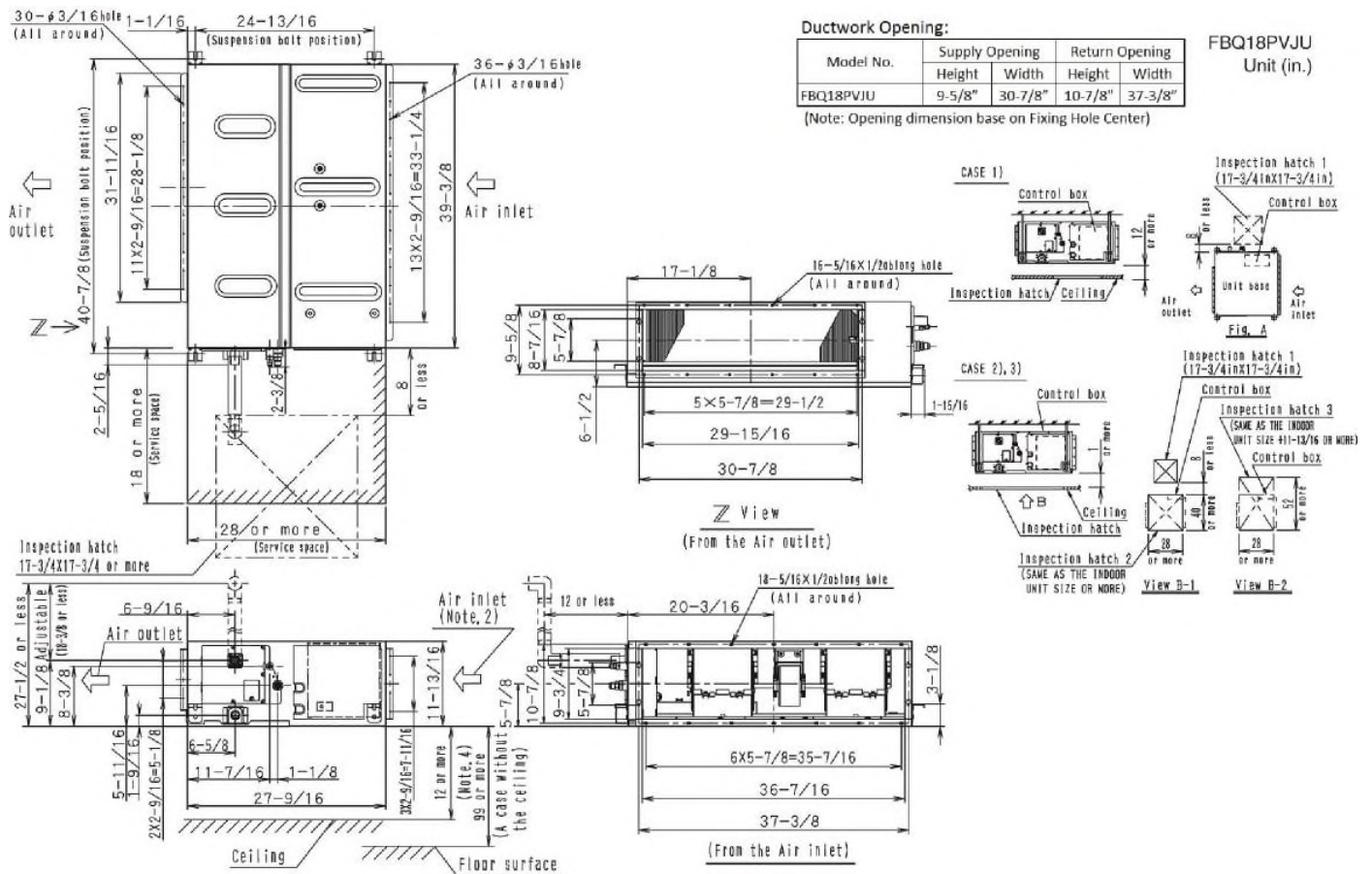
| | | | |
|--|--------|-----------------------------------|----------|
| Refrigerant Type: | R-410A | Cooling Operation Range (°F DB): | 23 - 122 |
| Holding Refrigerant Charge (lbs): | 6.4 | Heating Operation Range (°F WB): | -4 - 60 |
| Additional Charge (lb/ft): | 0.04 | Max. Pipe Length (Vertical) (ft): | 98 |
| Pre-charge Piping (Length) (ft): | 15 | Cooling Range w/Baffle (°F DB): | 0 - 122 |
| Max. Pipe Length (Total) (ft): | 164 | Heating Range w/Baffle (°F WB): | - |
| Max Height Separation (Ind to Ind ft): | 0 | | |

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INDOOR UNIT DETAILS

| | | | |
|--|-----------------------------|--------------------------------|-------------|
| Power Supply (V/Hz/Ph): | 208-230 / 60 / 1 | Airflow Rate (H/M/L) (CFM): | 635/582/529 |
| Power Supply Connections: | L1, L2, Ground | Moisture Removal (Gal/hr): | |
| Min. Circuit Amps MCA (A): | 1.6 | Gas Pipe Connection (inch): | 5/8 |
| Max Overcurrent Protection (MOP) (A): | 15 | Liquid Pipe Connection (inch): | 3/8 |
| Dimensions (HxWxD) (in): | 11-13/16 x 39-3/8 x 27-9/16 | Condensate Connection (inch): | 1 |
| Net Weight (lb): | 80 | Sound Pressure (H/M) (dBA): | 41/39 |
| Ext. Static Pressure (Rated/Max) (inWg): | 0.8 / 0.8 | Sound Power Level (dBA): | |





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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 (%): | 14 - 100 |
| Min. Circuit Amps MCA (A): | 16.5 | Airflow Rate (H) (CFM): | 2682 |
| 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): | 15.3 | Sound Pressure (H) (dBA): | 58 |
| Dimensions (HxWxD) (in): | 39 x 37 x 12-5/8 | Sound Power Level (dBA): | |
| Net Weight (lb): | 172 | | |

