



# Grant Street qty 3

## Submittal Data Sheet

1.5-Ton DC Ducted Unit  
FBQ18PVJURZQ18PVJU9

### FEATURES

- Medium external static pressure (ESP) capabilities up to 0.8 W.G.
- Three user selected fan speeds available plus fan "Auto" logic
- 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
- Low ambient cooling operation down to 0°F (with optional wind baffle(s))

### INDOOR UNIT



### OUTDOOR UNIT





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### SYSTEM PERFORMANCE

|                                    |            |                               |   |
|------------------------------------|------------|-------------------------------|---|
| Indoor Unit Model No.              | FBQ18PVJU  | Indoor Unit Name:             | SKYAIR DC DUCTED  |
| Outdoor Unit Model No.             | RZQ18PVJU9 | Outdoor Unit Name:            | 1.5-Ton SkyAir Heat Pump                                  |
| Rated Cooling Capacity (Btu/hr):   | 18,000     | Rated Cooling Conditions:     | Indoor (°F DB/WB): 80 / 67<br>Ambient (°F DB/WB): 95 / 75 |
| Sensible Capacity (Btu/hr):        | 14,800     | Rated Piping Length(ft):      | 25  |
| Max/Min Cooling Capacity (Btu/hr): | 18,000 /   | Rated Height Difference (ft): | 98.00   |
| Cooling Input Power (kW):          | 2.120      | Rated Heating Conditions:     | Indoor (°F DB/WB): 70 / 70<br>Ambient (°F DB/WB): 47 / 43 |
| SEER (Non-Ducted/Ducted):          | 17.50 /    | HSPF (Non-Ducted/Ducted):     | 10.6 /  |
| EER (Non-Ducted/Ducted):           | 14.10 /    |                               |   |
| Rated Heating Capacity (Btu/hr):   | 20,000     |                               |   |
| Max/Min Heating Capacity (Btu/hr): | / 20,000   |                               |   |
| Heating Input Power (kW):          | 2.12       |                               |   |

### SYSTEM DETAILS

|  |        |                                   |          |
|--|--------|-----------------------------------|----------|
| Refrigerant Type:                      | R-410A | Cooling Operation Range (°F DB):  | 23 - 115 |
| Holding Refrigerant Charge (lbs):      | 5.1    | Heating Operation Range (°F WB):  | 0 - 77   |
| Additional Charge (lb/ft):             | 0.04   | 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):         | 164    | Heating Range w/Baffle (°F WB):   | 0 - 77   |
| Max Height Separation (Ind to Ind ft): | 98     |                                   |          |



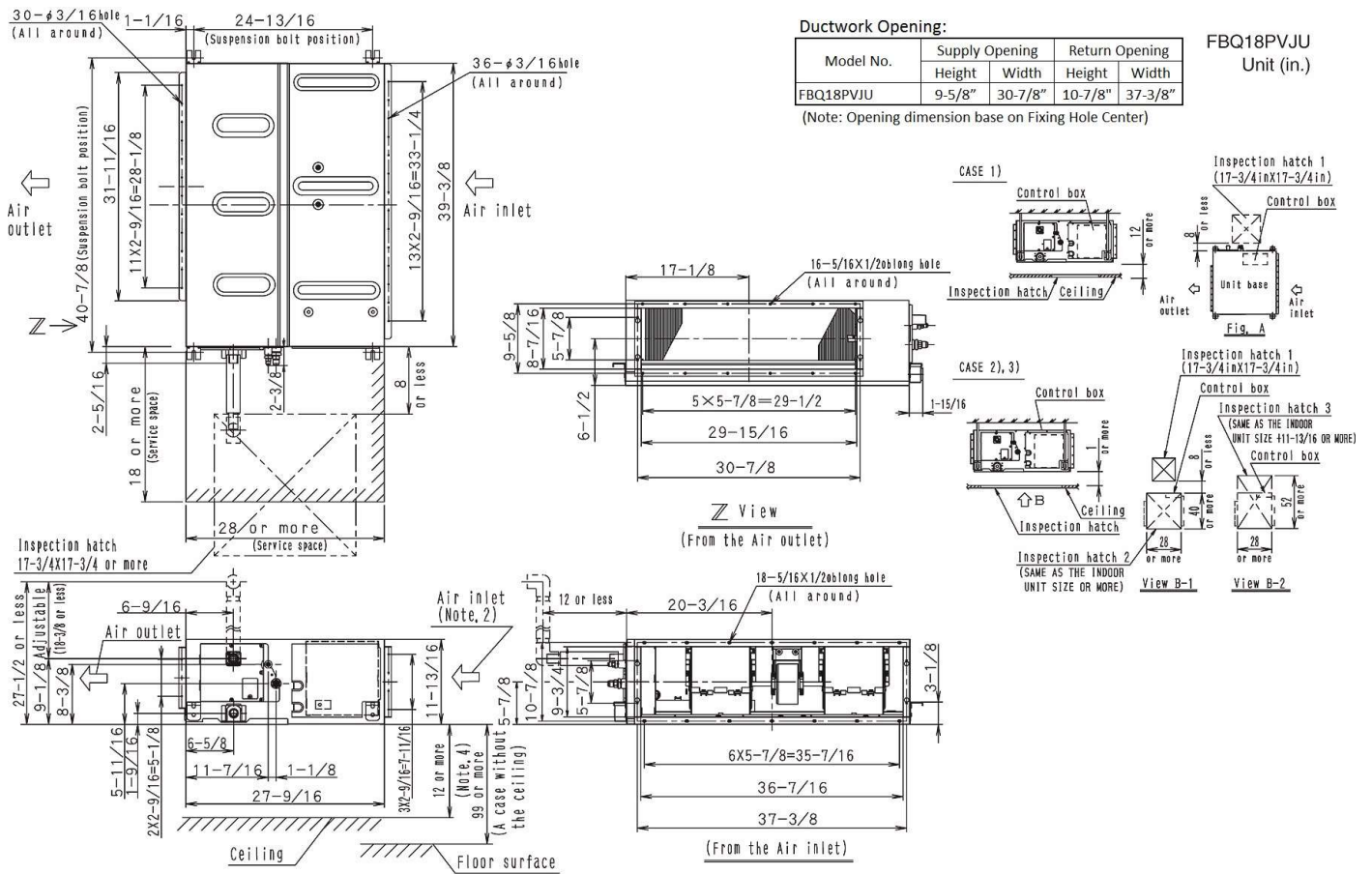
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## INDOOR UNIT DETAILS

|                                       |                             |  |             |
|---------------------------------------|-----------------------------|--|-------------|
| 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):            | 1.60                        | Gas Pipe Connection (inch):              | 1/2         |
| Max Overcurrent Protection (MOP) (A): | 15.00                       | Liquid Pipe Connection (inch):           | 1/4         |
| Dimensions (HxWxD) (in):              | 11-13/16 x 39-3/8 x 27-9/16 | Condensate Connection (inch):            | 1           |
| Panel (HxWxD) (in):                   |                             | Sound Pressure (H/M) (dBA):              | 41/39       |
| Net Weight (lb):                      | 80                          | Sound Power Level (dBA):                 |             |
| Panel Weight (lb):                    |                             | Ext. Static Pressure (Rated/Max) (inWg): | 0.80 / 0.80 |

## DIMENSIONAL DRAWING - INDOOR UNIT





## Submittal Data Sheet

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### OUTDOOR UNIT DETAILS

|                                       |                            |                                |          |
|---------------------------------------|----------------------------|--------------------------------|----------|
| Power Supply (V/Hz/Ph):               | 208-230 / 60 / 1           | Compressor Type:               | Inverter |
| Power Supply Connections:             | L1, L2, Ground             | Capacity Control Range (%):    | 35 - 100 |
| Min. Circuit Amps MCA (A):            | 16.50                      | Airflow Rate (H) (CFM):        | 1,835    |
| Max Overcurrent Protection (MOP) (A): | 20.00                      | Gas Pipe Connection (inch):    | 5/8      |
| Max Starting Current MSC(A):          |                            | Liquid Pipe Connection (inch): | 3/8      |
| Rated Load Amps RLA(A):               | 7.1                        | 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

