Grant Street
qty 3

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 10/27/16

Submittal Data Sheet

1.5-Ton DC Ducted Unit

FBQ18PVJURZQ18PVJU9

FEATURES

- Medium external static pressure (ESP) capabilities up to 0.8â€ 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 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 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

Model No.	Supply Opening		Return Opening	
	Height	Width	Height	Width
FBQ18PVJU	9-5/8"	30-7/8"	10-7/8"	37-3/8"

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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

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