



Submittal Data Sheet

2.5-Ton DC Ducted Unit - FBQ30PVJURZQ30PVJU

Project: Yanmar Ducted Pricing

Submitted by: Alexandra Edinger of DAIKIN APPLIED GEORGIA on 10/4/2017

Submitted to: No Engineer Name Specified

Tags: 2.5-Ton Ducted Heat Pump

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.	FBQ30PVJU	Indoor Unit Name:	skyair dc ducted - p series
Outdoor Unit Model No.	RZQ30PVJU	Outdoor Unit Name:	skyair heat pump outdoor unit
Rated Cooling Capacity (Btu/hr):	30,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	23,400	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	30,000 /	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.860	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	16.00 /	HSPF (Non-Ducted/Ducted):	9.2 /
EER (Non-Ducted/Ducted):	10.50 /		
Rated Heating Capacity (Btu/hr):	34,000		
Max/Min Heating Capacity (Btu/hr):	/ 34,000		
Heating Input Power (kW):	3.02		

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):	0.04	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):	-
Max Height Separation (Ind to Ind ft):	0		

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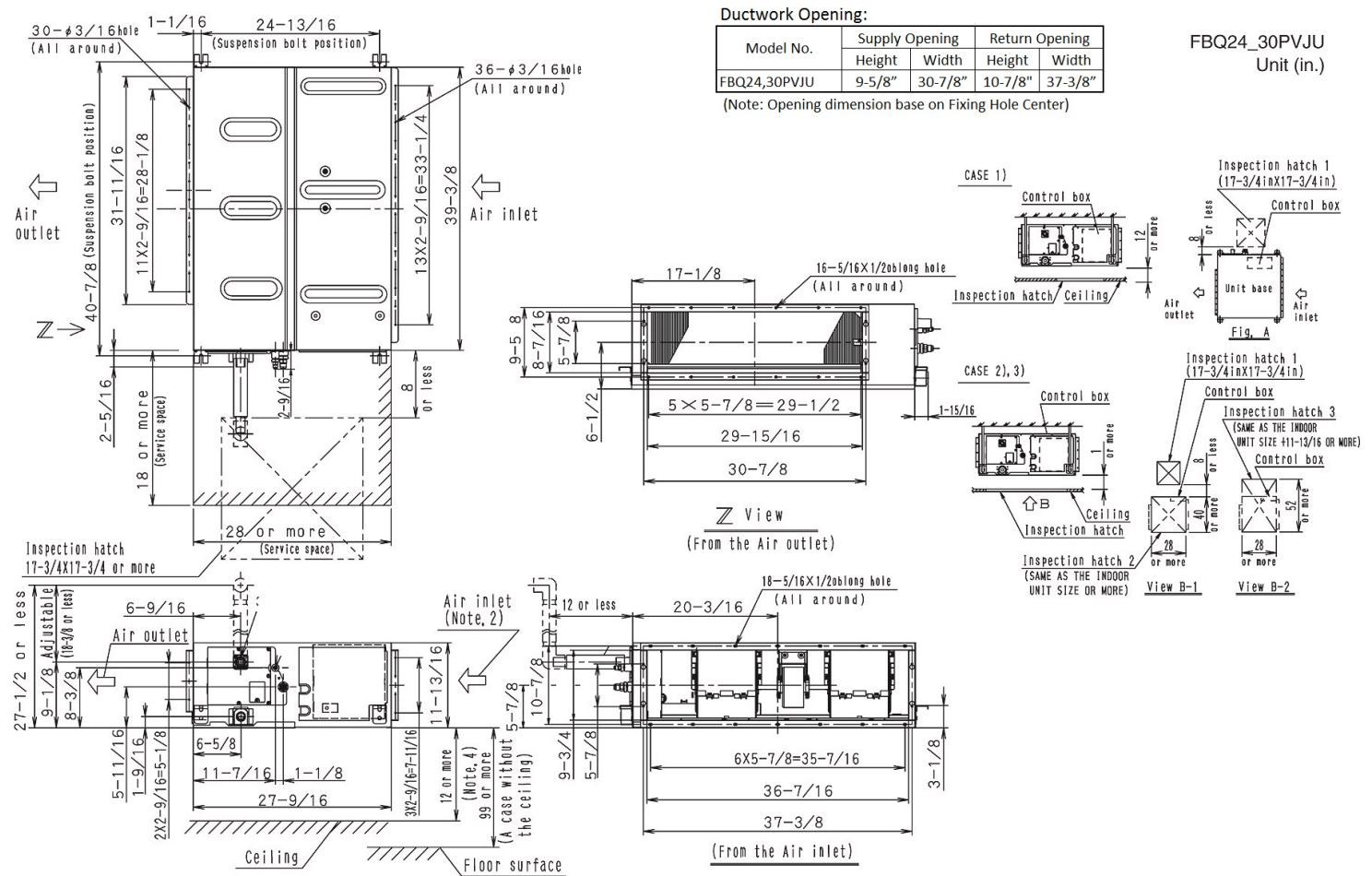
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	882/794/706
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	2.3	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):	43/41
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT



Daikin North America LLC, 5151 San Felipe, Suite 500, Houston, TX, 77056

Daikin City Generated Submittal Data

www.daikinac.com www.daikincomfort.com

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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	25 - 100
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

