



Submittal Data Sheet

3.5-Ton DC Ducted Cooling Only - FBQ42PVJURZR42PVJU

Project: Yanmar Ducted Pricing

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

Submitted to: No Engineer Name Specified

Tags: 3.5-Ton Ducted Cooling Only

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 230 ft. allows flexible placement of indoor unit
- Maximum piping height separation up to 164 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





Submittal Data Sheet

3.5-Ton DC Ducted Cooling Only - FBQ42PVJURZR42PVJU

Project: Yanmar Ducted Pricing

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

Submitted to: No Engineer Name Specified

Tags: 3.5-Ton Ducted Cooling Only

SYSTEM PERFORMANCE

Indoor Unit Model No.	FBQ42PVJU	Indoor Unit Name:	skyair dc ducted - p series
Outdoor Unit Model No.	RZR42PVJU	Outdoor Unit Name:	skyair cool only outdoor unit
Rated Cooling Capacity (Btu/hr):	42,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	31,600	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	42,000 /	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	4.140	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	16.00 /		
EER (Non-Ducted/Ducted):	10.20 /		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 115
Holding Refrigerant Charge (lbs):	8.80	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	164
Pre-charge Piping (Length) (ft):	0	Cooling Range w/Baffle (°F DB):	0 - 115
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

Submittal Data Sheet

3.5-Ton DC Ducted Cooling Only - FBQ42PVJURZR42PVJU

Project: Yanmar Ducted Pricing

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

Submitted to: No Engineer Name Specified

Tags: 3.5-Ton Ducted Cooling Only

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1377/1,165/988
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	3.4	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 55-1/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	102	Sound Pressure (H/M) (dBA):	44/42
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	

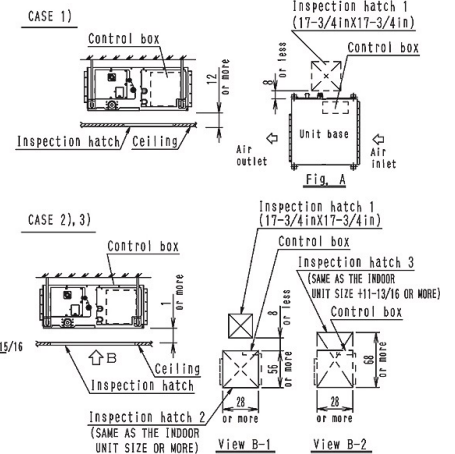
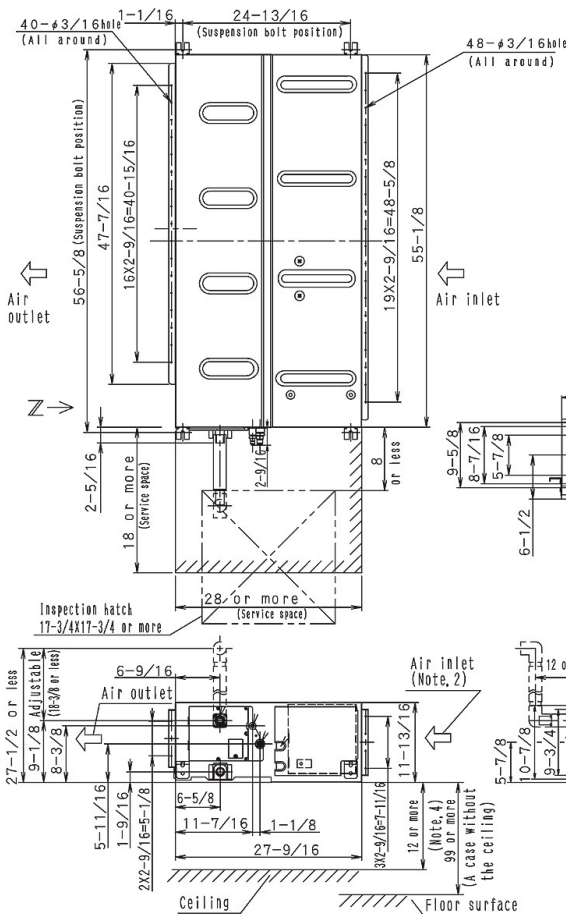
DIMENSIONAL DRAWING - INDOOR UNIT

Ductwork Opening:

Model No.	Supply Opening		Return Opening	
	Height	Width	Height	Width
FBQ36,42PVJU	9-5/8"	46-5/8"	10-7/8"	53-1/8"

(Note: Opening dimension base on Fixing Hole Center)

FBQ36_42PVJU
Unit (in.)





Submittal Data Sheet

3.5-Ton DC Ducted Cooling Only - FBQ42PVJURZR42PVJU

Project: Yanmar Ducted Pricing

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

Submitted to: No Engineer Name Specified

Tags: 3.5-Ton Ducted Cooling Only

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):	27	Airflow Rate (H) (CFM):	3740
Max Overcurrent Protection (MOP) (A):	30	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):	58
Dimensions (HxWxD) (in):	52-15/16 x 35-7/16 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	283		

DIMENSIONAL DRAWING - OUTDOOR UNIT

