

Submittal Data Sheet

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

Approval:	
Date:	
Construction:	
Unit #:	
Drawing #:	

Performance

Indoor Unit Model No:	FBQ42PVJU
Outdoor Unit Model No:	RZR42PVJU
Rated Cooling Capacity (Btu/hr):	42000
Sensible Capacity (Btu/hr):	31600
Max/Min Cooling Capacity (Btu/hr / kW):	atabook/databook
Cooling Input Power (kW):	3.49
SEER:	16
Rated Heating Capacity (Btu/hr):	N/A
Max/Min Heating Capacity (Btu/hr / kW):	atabook/databook
Heating Input Power (kW):	N/A
Heating COP (Btu/hr / Btu/hr):	N/A
HSPF:	N/A

Indoor Unit Type:	DC Duct Mounted
Condensing Unit Type:	SkyAir Cool Only
Rated Cooling Conditions	Indoor: 80 °F DB/67 °F WB Outdoor: 95 °F DB/75 °F WB
Rated Heating Conditions	Indoor: N/A Outdoor: N/A
Rated Piping Length(ft)	25
Rated Height Separation(ft)	0

Indoor Unit Details

Power Supply (V/Hz/Ph:)	208-230/60/1ph
Power Supply Connections:	L1, L2, Ground
Min Circuit Amps MCA (A):	2.9
Max Overcurrent Amps MFA (A):	15
Dimensions (HxWxD):	11-13/16x55-1/8x27-9/16
Panel (HxWxD):	N/AxN/AxN/A
Net Weight (lbs):	102
Weight with Panel (lbs):	N/A

Condensing Unit Details

Power Supply (V/Hz/Ph):	208-230/60/1ph
Power Supply Connections:	L1, L2, Ground
Min. Circuit Amps MCA (A):	27
Max. Overcurrent Amps MFA (A)	: 30
Max. Starting Current MSC(A):	
Rated Load Amps RLA (A):	19.6
Dimensions (HxWxD):	52-15/16x35-7/16x12-5/8
Net Weight (lbs):	283

System Details

Refrigerant Type:	R-410A
Holding Refrigerant Charge (lbs):	8.8
Additional Charge (oz/ft):	0.036lbs/ft
Pre-charge Piping (Length ft):	-
Max. Pipe Length (Total ft):	230 ft

1377/1165/988
5/8
3/8
1
44
40
0.4 / 0.8/0.8

Compressor Type:	Inverter
Capacity Control Range (%):	25 - 100
Airflow Rate (CFM):	3740
Gas Pipe Connection (inch):	5/8
Liquid Pipe Connection (inch):	3/8
Sound Pressure Level (dBA):	58
Sound Power Level (dBA):	

Max. Pipe Length (Vertical ft):	164 ft
Cooling Operation Range (°F):	23 - 115
Cooling Range w/Baffle (°F):	0 - 115
Heating Operation Range (°F):	N/A
Heating Range w/Baffle (°F):	N/A



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Dimensional Drawing - Indoor Unit

Daikin AC TRL Generated Submittal Data

40-#3/16hole (All around) 24-13/16 (Suspension bolt position) FBQ36_42PVJU 48-∳3∕16hole (All around) Unit (in.) 56-5/8 (Suspension bolt position) 16X2-9/16=40-15/16 19X2-9/16=48-5/8 Inspection hatch 1 (17-3/4inX17-3/4in) CASE 1) 47-7/16 55-1/8 Control box Control box Air outlet ۲ ⟨⊐ Air inlet ⊲⊐ Air iniet \Diamond Unit bas Inspection hatch/ Ceiling, Air outlet (SAME AS THE INDOOR UNIT SIZE OR MORE) 20-5/16×1/20blong hole Fig. A Inspection hatch 1 (17-3/4inX17-3/4in) CASE 2), 3) \mathbb{Z} (All around) Control box Control box <u>9-5/8</u> 8-7/16 Inspection hatch 3 (SAME AS THE INDOOR UNIT SIZE +11-13/16 OR MORE) less 2 2-5/16 more e space) 655 Control box O L m Л 7/8=41-5/16 6-1/2 _1-15/16 €В 18 45-11/16 Ceiling Inspection hatch 46-5/8 28 Inspection hatch 2 (SAME AS THE INDOOR UNIT SIZE OR MORE) <u>View B-1</u> more Inspection hatch 17-3/4X17-3/4 or more (Service space) **ℤ** View View B-2 (From the Air outlet) 1/8 Adjustable 3/8 [18-3/8 or less] Fit 12 or less 22-5/16×1/2oblong hole (All around) Air inlet (Note,2) 1/16 6-9/16 less Air outlet 10 7-1/2 -13/ 5-7/8 <u>1-9/16</u> 2X2-9/16=5-1/8 (Note.4) 99 or more case without e ceiling) 5-11/16 6-5/8 3X2-9/16=7-11/1 12 or more 8X5-7/8=47-1/4 11-7, -1/8 52-3/16 case 27 - 9/16the 7777777777777777777777777 53-1/8 ¥ (From the Air inlet) 7///// Ceiling Floor surface

Daikin AC (Americas), Inc., 1645 Wallace Drive - Suite 110, Carrollton, TX 75006

FBQ42PVJU



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Dimensional Drawing - Condensing Unit

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1-3/16 Hole for anchor bol 1/2 UNC(4 Positions 52-15/16 4-5/8 2-13/16 (Pitch of foundation bolt holes) 15/16 5-1/2 1-3/4 (13-9/16~14) 14-13/16 (Pitch of foundation bolt boles) 35-7/16 24-7/16 7-1/2 2-13/16 4-5/8 3-1/2 0、 2 5-1/2 5 5-1/4 3-5/8 2-1/8 3-3/4 1-7/16 2-5/16 5/8 16-1/8 2-1/8 17-1/8 1-3/16 12-5/8 1-3/16 3-3/4 2-1/16 1/2 3-3/4 2-1/8 0 2-5/8 2 5-11/16 3-1/8

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RZR42PVJU

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

4-7/16



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Daikin AC TRL Generated Submittal Data

Std U.S. Warranty: 7yrs Compressor, 5yrs Parts



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