



Submittal Data Sheet

3.5-Ton Ducted Concealed Heat Pump SkyAir System

FBQ42TBVJURZQ42TBVJUA

FEATURES

- Medium external static pressure (ESP) capabilities offer up to 0.8" W.G.
- Connect to Daikin Zoning Kit (Optional)
- Dependable heat pump operation from -4°F in heating to 122°F in cooling

BENEFITS

- Low profile design at less than 12 1/2" high
- Long piping lengths allow layout flexibility
- 10-year parts limited warranty for residential/commercial applications

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FBQ42TBVJU	Indoor Unit Name:	Sky-Air DC Ducted
Outdoor Unit Model No.	RZQ42TBVJUA	Outdoor Unit Name:	3.5-Ton, Heat Pump, SkyAir ODU
Rated Cooling Capacity (Btu/hr):	40,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):		Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	464.000	Heating Input Power (kW):	458.00
SEER2 (Non-Ducted/Ducted):	/ 15.60	HSPF2 (Non-Ducted/Ducted):	/ 9.5
EER2 (Non-Ducted/Ducted):	/ 10.30		
Rated Heating Capacity (Btu/hr):	47,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (lb/ft):	0.58	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	25	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230		
Max Height Separation (Ind to Ind ft):	0		



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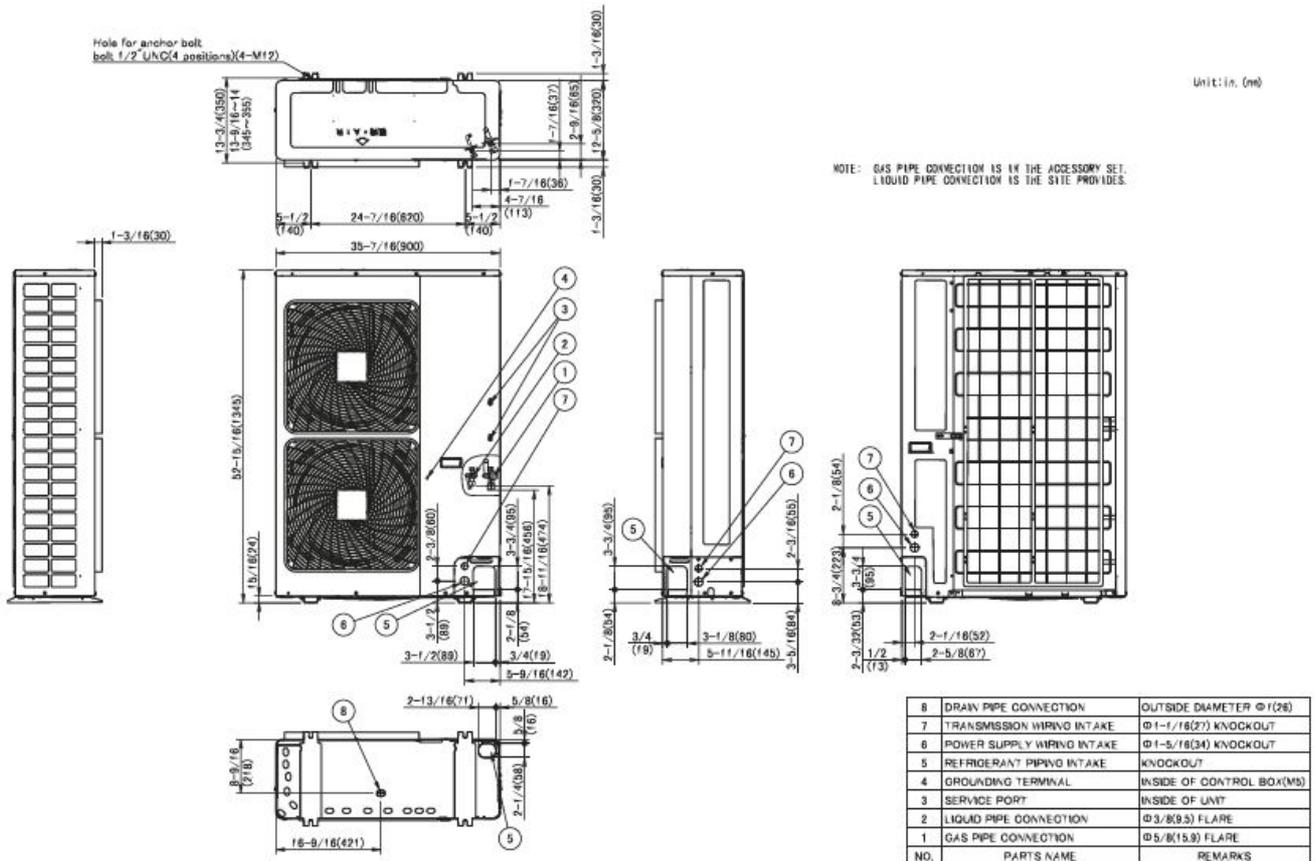
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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	29.1	Airflow Rate (H) (CFM):	3741
Max Overcurrent Protection (MOP) (A):	35	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):	57
Dimensions (HxWxD) (in):	52-15/16 x 35-7/16 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	225		

DIMENSIONAL DRAWING - OUTDOOR UNIT



3D126498



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INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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AZAI6WSCDKA	DKN Cloud Wi-Fi Adaptor (P1P2)	No
AZAI6WSPDKC	DKN Plus Interface	No
BRC1E72RF	BRC1E72 Face Decal (Fan and Single Setpoint)	No
BRC1E72RF2	BRC1E72 Face Decal (Fan and Dual Setpoints)	No
BRC1E72RM	BRC1E72 Face Decal (Mode and Single Setpoint)	No
BRC1E72RM2	BRC1E72 Face Decal (Mode and Dual Setpoints)	No
BRC1E72RMF	BRC1E72 Face Decal (Mode, Fan and Single Setpoint)	No
BRC1E72RMF2	BRC1E72 Face Decal (Mode, Fan and Dual Setpoints)	No
BRC1E73	Navigation Remote Controller III(73)	No
BRC1H71W	Madoka Remote Controller	No
BRC2A71	Simplified Wired Controller	No
BRC4C82	Wireless Remote Control Kit	No
DACA-CP1-1	Mini Aqua Condensate Pump	No
DACA-CP3-1	Si-30 Condensate Pump	No
DFBS55A13	MERV 13 Filter Kit for FXSQ	No
DTA109A51	DIII Net Expander PCB	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No
DZKS048E4-4	DZK Zoning Box 4X8"	No
DZKS048E6-4	DZK Zoning Box 6X6"	No
KJB212AA	Electrical Fixing Box	No
KJB311AA	Electrical Fixing Box	No
K-KYZP15C	Wire Fixture for preventing overturning	No
KPT-60B160	Fixture for preventing overturning	No
KRCS01-4B	Remote Sensor Kit, (FBQ, FCQ, FTQ, FXFQ, FXMQ, FXTQ)	No



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INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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KRCS01-6B	Remote Sensor	No
KRCSH2018-01	Button Sensor Kit	No
KRP1C74	Wiring Adapter PCB	No
KRP4A71	Group Control Adaptor PCB	No
KRP4A96	Mounting Plate for Accessory PCB	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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BRP2A82	ABC Terminal for VRV IV S	No
DACA-WB-3	Powder-Coated Wall-Mounted Bracket	No
KEHJ5A160E	230v single phase pan heater	No
KPS00344	Snow Visor for Single & Double Fan	No
KPS00401	Front Snowhood assy for Double Fan	No
KPS00402	Side Snowhood assy for Double Fan	No
KPS00403	Rear Snowhood assy for Double Fan	No
KPW5F80	Air Adjustment Grille (30,36,42,48 & 60 require 2 each)	No
VRVQA-SH-DF	VRV and SkyAir Double Fan Snow Hood Kit	No