



Submittal Data Sheet
2.0-Ton Ducted Concealed Heat Pump SkyAir System
FBQ24TBVJURZQ24TBVJUA

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

INDOOR UNIT



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

OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FBQ24TBVJU	Indoor Unit Name:	SkyAir DC Ducted
Outdoor Unit Model No.	RZQ24TBVJUA	Outdoor Unit Name:	2.0-Ton, Heat Pump, SkyAir ODU
Rated Cooling Capacity (Btu/hr):	23,400	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):	257.000	Heating Input Power (kW):	251.00
SEER2 (Non-Ducted/Ducted):	/ 15.40	HSPF2 (Non-Ducted/Ducted):	9.3 /
EER2 (Non-Ducted/Ducted):	/ 10.50		
Rated Heating Capacity (Btu/hr):	27,400	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):	6.4 Lb	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):	164		
Max Height Separation (Ind to Ind ft):	0		



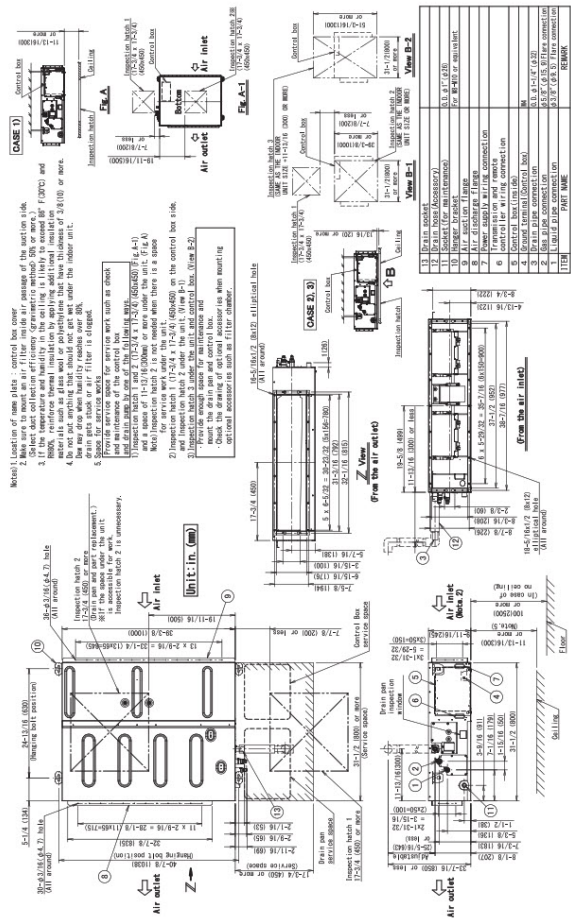
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	742/635/565
Power Supply Connections:		Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	9-11/16 x 39-3/8 x 31-1/2	Condensate Connection (inch):	1
Net Weight (lb):	82	Sound Pressure (H/M/L) (dBA):	39/35/33
Ext. Static Pressure (Rated/Max) (inWg):	.8 / .8	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT

FBQ18 - 24TBVJU



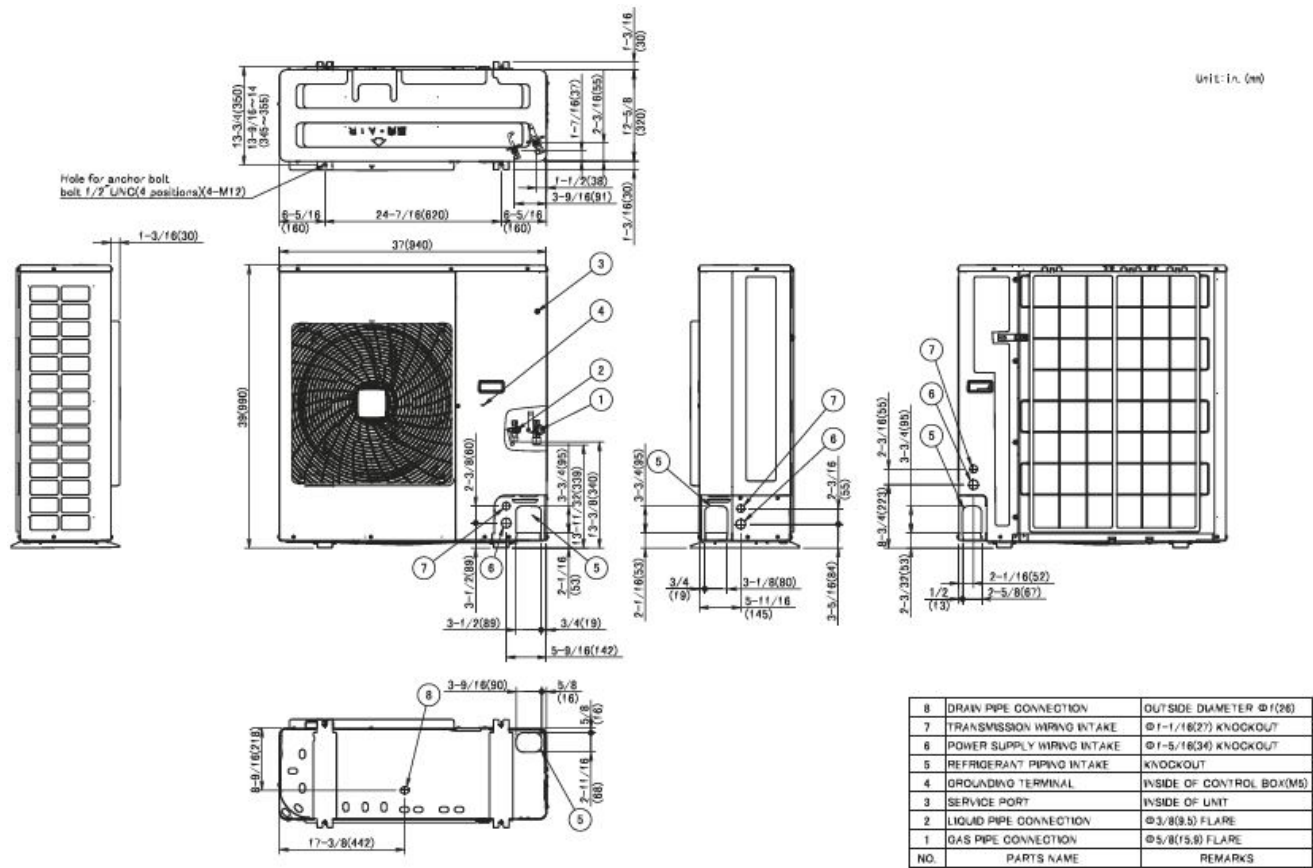


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OUTDOOR UNIT DETAILS

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):	16.5	Airflow Rate (H) (CFM):	2862
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):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

DIMENSIONAL DRAWING - OUTDOOR UNIT





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INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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
DFBS39A13	MERV 13 Filter Kit	No
DTA109A51	DIII Net Expander PCB	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No
DZKS030E4-4	DZK Zoning Box 4X8"	No
DZKS030E5-4	DZK Zoning Box 5X6"	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
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
DACA-WB-3	Powder-Coated Wall-Mounted Bracket	No
KEHJ5A160E	230v single phase pan heater	No
KPS00301	Front Snowhood assy for Single Fan	No
KPS00302	Side Snowhood assy for Single Fan	No
KPS00303	Rear Snowhood assy for Single Fan	No
KPS00344	Snow Visor for Single & Double Fan	No
KPW5G112	Air Adjustment Grille/ Wind Baffle	No
VRVQA-SH-SF	VRV and SkyAir Single Fan Snow Hood Kit	No