



## Submittal Data Sheet

1.5-Ton Wall Mounted Heat Pump SkyAir System

FAQ18TAVJURZQ18TBVJUA

### FEATURES

- Wide angle louvers distribute comfortable airflow
- Auto-swing function ensures efficient air distribution
- Dependable heat pump operation from -4°F in heating to 122°F in cooling

### BENEFITS

- For rooms with no false ceiling nor free floor space
- 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.	FAQ18TAVJU	Indoor Unit Name:	Sky-Air Wall Mounted
Outdoor Unit Model No.	RZQ18TBVJUA	Outdoor Unit Name:	1.5-Ton, Heat Pump, SkyAir ODU
Rated Cooling Capacity (Btu/hr):	18,000	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):			
SEER2 (Non-Ducted/Ducted):	16.90 /	HSPF2 (Non-Ducted/Ducted):	7.6 /
EER2 (Non-Ducted/Ducted):	11.90 /		
Rated Heating Capacity (Btu/hr):	20,000	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):	6.4 Lb	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (lb/ft):	0.04	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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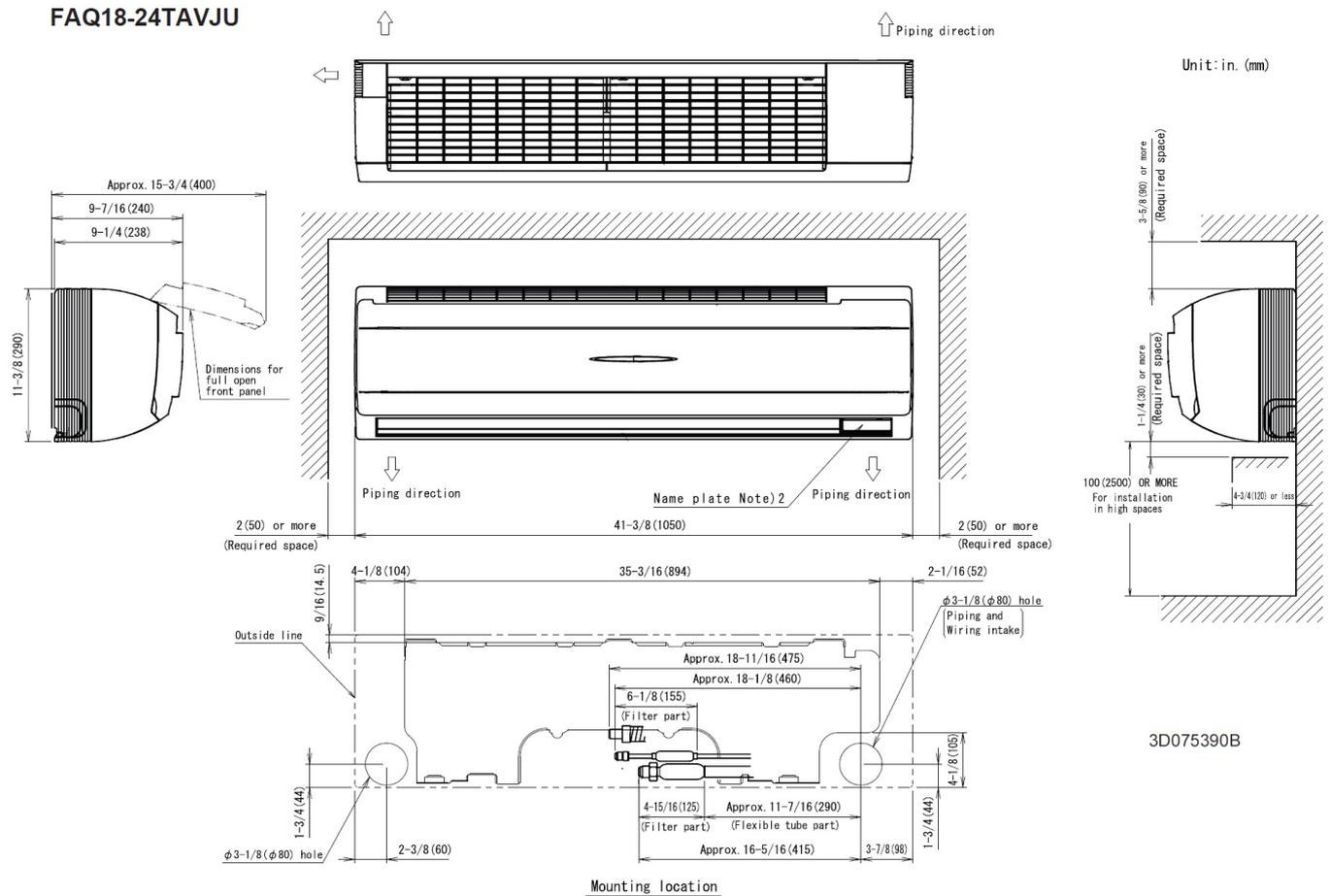
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### INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	500/400
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	0.5	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-3/8 x 41-3/8 x 9-1/4	Condensate Connection (inch):	1/2
Net Weight (lb):	31	Sound Pressure (H/L) (dBA):	43/37
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

### DIMENSIONAL DRAWING - INDOOR UNIT



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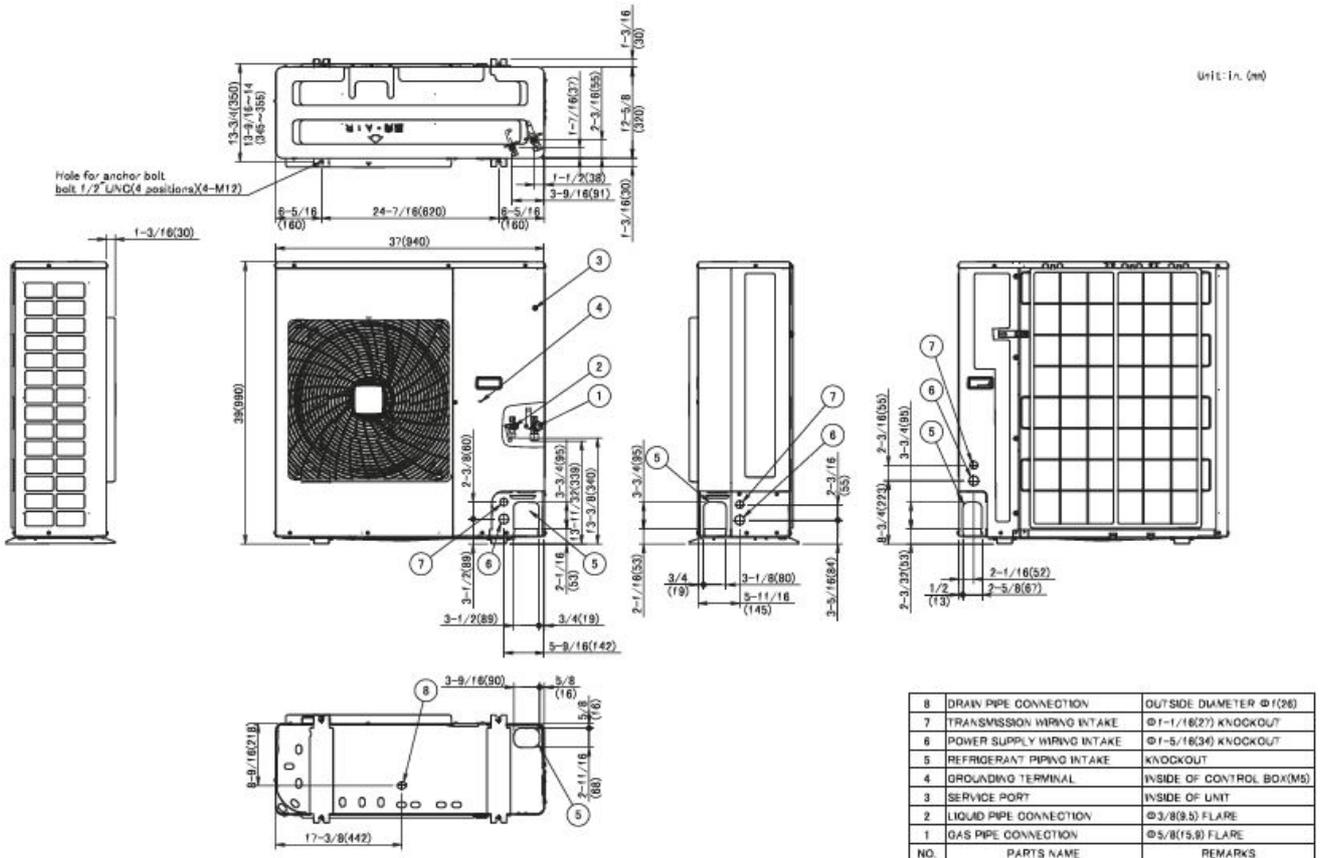
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### OUTDOOR UNIT DETAILS

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):	16.5	Airflow Rate (H) (CFM):	2682
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



3D126496



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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
BRC1E73	Navigation Remote Controller III(73)	No
BRC1H71W	Madoka Remote Controller	No
BRC2A71	Simplified Wired Controller	No
BRC7E818	Wireless Remote Control Kit	No
DCS301C71	Unified On/Off Controller	No
DCS302C71	Centralized Controller	No
DCS601C71	i-Touch Controller (iTC)	No
DST301BA61	Schedule Timer	No
DTA109A51	DIII Net Expander PCB	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No
KJB212AA	Electrical Fixing Box	No
KJB311AA	Electrical Fixing Box	No
KRCS01-1B	Remote Sensor Kit, (FAQ, FCQ, FFQ, FHQ, FXAQ, FXDQ, FXHQ, FXLQ, FXMQ, FXNQ, FXZQ)	No
KRCSH2018-01	Button Sensor Kit	No
KRP4A71	Group Control Adaptor PCB	No



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### OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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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
VRVQA-SH-SF	VRV and SkyAir Single Fan Snow Hood Kit	No