



Submittal Data Sheet

R-32 2.5-Ton Multi-Position Air Handler Heat Pump SkyAir System

FTA30AAVJUD-RZA30AAVJU

FEATURES

- All Aluminum Coil
- Less than 2% Air Leakage
- External Static Pressure up to 0.9 in. w.g.
- Optional Outside Air integration
- Factory integrated Refrigerant Leak Detection
- Factory Installed Disconnect Option (D-Model)
- Anti Corrosion Treatment on Heat Exchanger
- Dependable cooling and heating from -4F to 122F

BENEFITS

- Upflow, downflow, horizontal right and horizontal left installation configurations
- Wide line of 3W to 19W optional electric heat
- 10 Year Parts and Compressor Warranty
- Long Pipe Lengths allow layout flexibility

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FTA30AAVJUD	Indoor Unit Name:	Sky-Air R32 2.5 ton Multi-Position Air Handler
Outdoor Unit Model No.	RZA30AAVJU	Outdoor Unit Name:	R-32 SkyAir 2.5 T Heat Pump Single Zone
Rated Cooling Capacity (Btu/hr):	29,400	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	20,900	Rated Piping Length(ft):	25
		Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.670		
SEER2 (Non-Ducted/Ducted):	/ 16.80	HSPF2 (Non-Ducted/Ducted):	/ 9.0
EER2 (Non-Ducted/Ducted):	/ 11.00		
Rated Heating Capacity (Btu/hr):	35,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43

SYSTEM DETAILS

Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.5	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (oz/ft):	See Install Manual	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	25	Cooling Range w/Baffle (°F DB):	23 - 122
Max. Pipe Length (Total) (ft):	230		



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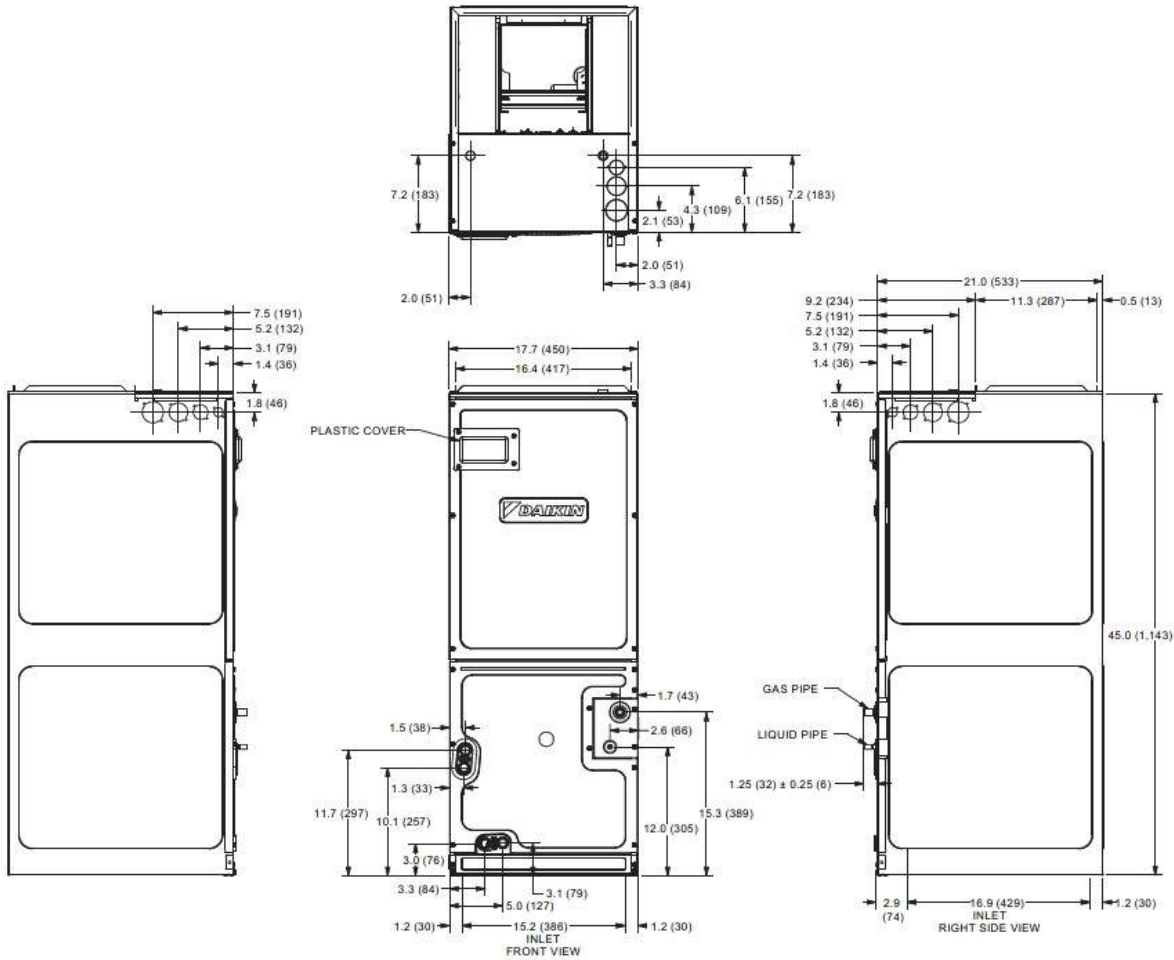
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1000/850/700
Power Supply Connections:	L1, L2, G		
Min. Circuit Amps MCA (A):	4.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	45 x 17-1/2 x 21	Condensate Connection (inch):	3/4
Ext. Static Pressure (Min/Max) (inWg):	0.1/0.9	Sound Pressure (H/M/L) (dBA):	52/48/44
Net Weight (lb):	118		

DIMENSIONAL DRAWING - INDOOR UNIT



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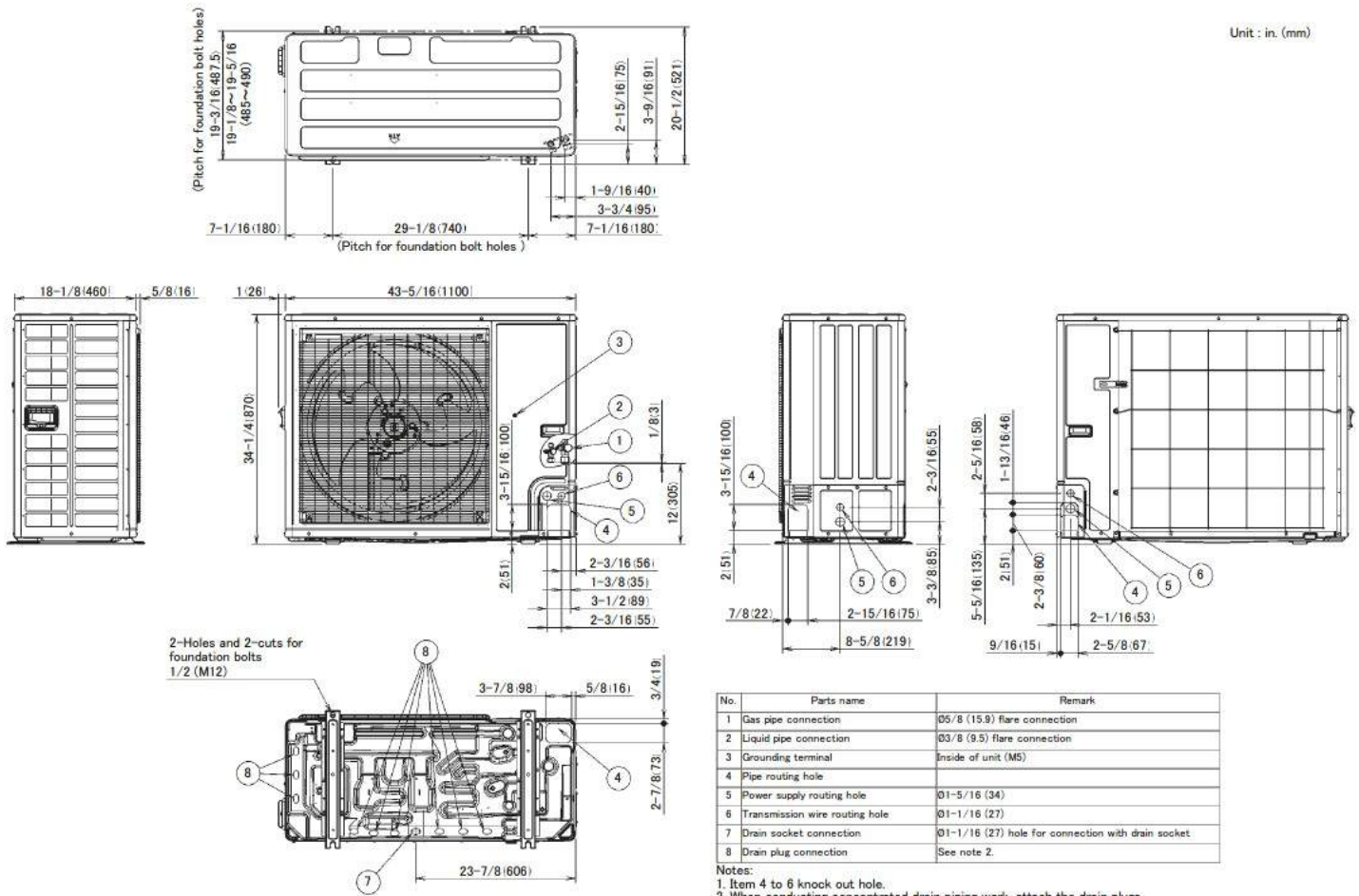
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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, G		
Min. Circuit Amps MCA (A):	34.6	Airflow Rate (H) (CFM):	3000
Max Overcurrent Protection (MOP) (A):	35	Gas Pipe Connection (inch):	5/8
		Liquid Pipe Connection (inch):	3/8
		Sound Pressure (H) (dBA):	56
Dimensions (HxWxD) (in):	34-1/4 x 43-5/16 x 18-1/8		
Net Weight (lb):	234		

DIMENSIONAL DRAWING - OUTDOOR UNIT



No.	Parts name	Remark
1	Gas pipe connection	05/8 (15.9) flare connection
2	Liquid pipe connection	03/8 (9.5) flare connection
3	Grounding terminal	Inside of unit (M5)
4	Pipe routing hole	
5	Power supply routing hole	01-5/16 (34)
6	Transmission wire routing hole	01-1/16 (27)
7	Drain socket connection	01-1/16 (27) hole for connection with drain socket.
8	Drain plug connection	See note 2.