



Submittal Data Sheet

R-32 3.0 ton Ducted Concealed Heat Pump SkyAir System

FBA36AAVJU-RZA36AAVJU

BENEFITS

- 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
- DC Fan Motor
- Minimal Discharge Air Temperature - mitigate risk of condensation
- Auto Adjusting Airflow at commissioning based on external static pressure
- Ease of Maintenance with complete service access from below
- Built in Refrigerant Detection System with Dispersion Mode

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FBA36AAVJU	Indoor Unit Name:	R-32 3.0 TON HSP DUCTED CONCEALED
Outdoor Unit Model No.	RZA36AAVJU	Outdoor Unit Name:	R-32 SkyAir 3.0 T Heat Pump Single Zone
Rated Cooling Capacity (Btu/hr):	36,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	27,200	Rated Piping Length(ft):	25
		Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	3.520		
SEER2 (Non-Ducted/Ducted):	/ 16.90	HSPF2 (Non-Ducted/Ducted):	/ 8.8
EER2 (Non-Ducted/Ducted):	/ 11.80		
Rated Heating Capacity (Btu/hr):	40,000	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):	0.04	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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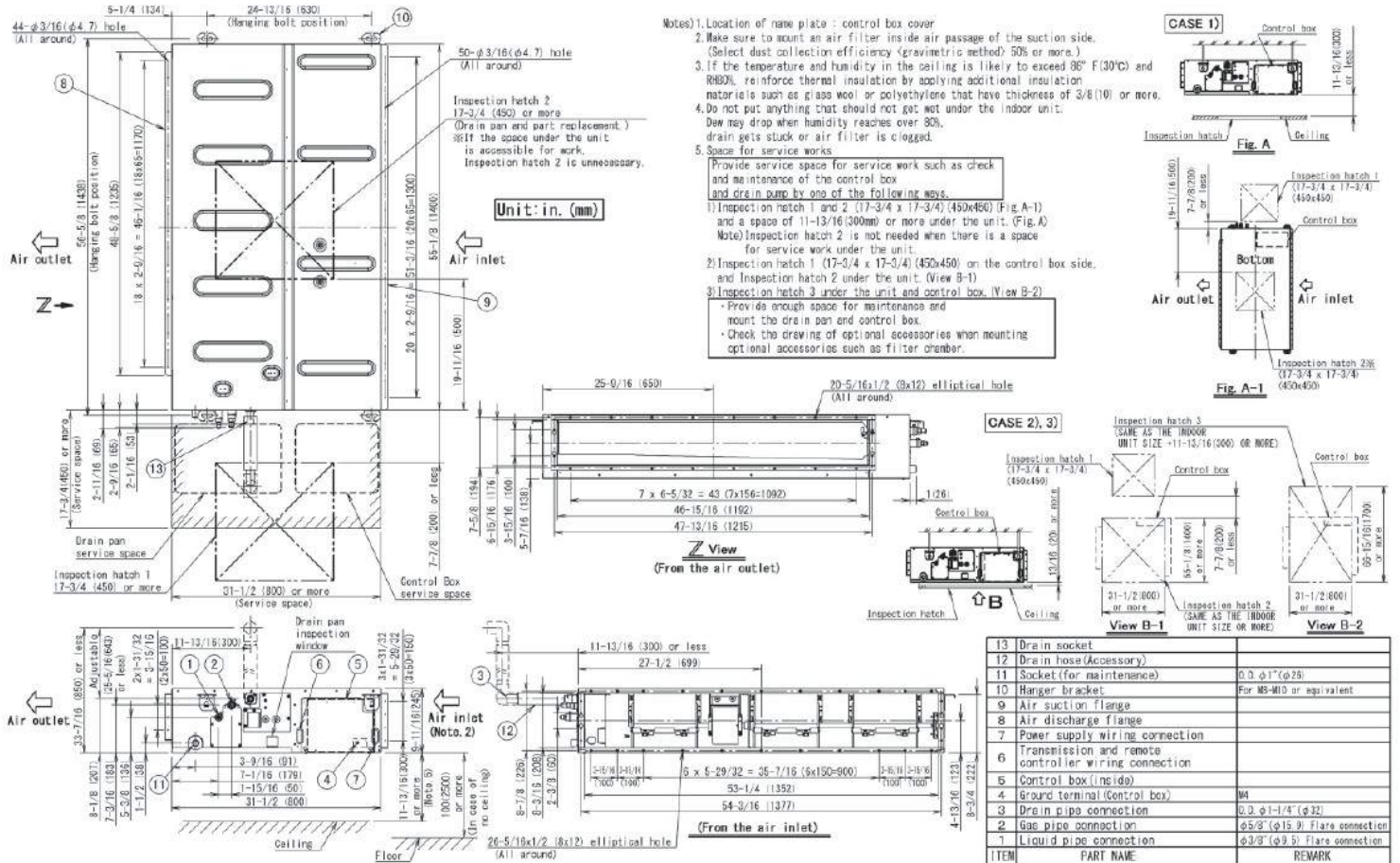
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1130/953/795
Power Supply Connections:	L1, L2, G		
Min. Circuit Amps MCA (A):	3.1	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 55-1/8 x 31-1/2	Condensate Connection (inch):	1-1/4
Ext. Static Pressure (Min/Max) (inWg):	0.2/0.8	Sound Pressure (H/M/L) (dBA):	44/40/36
Net Weight (lb):	101		

DIMENSIONAL DRAWING - INDOOR UNIT



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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

