



Submittal Data Sheet

R-32 Daikin Aurora 0.75 Ton Ducted Concealed Heat Pump System
FDMA09AVJU9RXP09AVJU9

FEATURES

- Automatic defrosting & Automatic cooling/heating change over
- Auto Restart after Power failure
- Operation Range—Cooling (50°F - 114.8°F)
- Low temperature cooling operation down to -4°F (-20°C) with wind baffle and field settings
- Operating Range - Heating (-13.8°F - 64.4°F)
- 12-year limited parts and compressor warranty with online registration
- 5-year limited parts warranty for commercial applications
- Inverter controlled Swing compressor with Reluctance DC motor
- Auto Fan Speed
- 3-Step Switchable Fan speed
- Quick Warming function
- Program dry operation
- Fan-only mode
- ECONO operation
- Titanium Apatite deodorizing filter
- Filter Cleaning Indicator
- Anti-corrosion treatment on outdoor heat exchanger
- Factory charged for up to 49.2 ft of piping length
- Built in refrigeration detection system

INDOOR UNIT



BENEFITS

- Inverter and PAM control technologies optimize energy use, delivering efficient performance and reduced electricity consumption
- Concealed systems preserve interior aesthetics by eliminating bulky wall-mounted unit ideal for minimalist and design-focused homes
- Concealed ducted mini splits offer zoned comfort with minimal ductwork, preserving the architectural integrity of historic homes
- Concealed ducted systems efficiently condition large or multi-room spaces using flexible ductwork, offering seamless comfort without multiple wall units
- Compact concealed systems deliver efficient, quiet comfort in small apartments without occupying valuable walls or floor space
- Flexible installation options—either-side drain, and factory charged for up to 49.2 ft. of piping length —simplify setup and reduce labor costs
- Concealed systems maintain visual harmony by delivering discreet comfort without distracting from high-end displays or artwork.
- Concealed systems deliver efficient climate control while preserving a clean, professional look free from exposed HVAC components
- Concealed ducted mini-splits offer a space-saving, energy-efficient solution for individual climate control in apartments and condominiums
- Concealed systems provide quiet, zoned climate control with advanced filtration—ideal for maintaining comfort and air quality in hospitals and hotels

OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FDMA09AVJU9	Indoor Unit Name:	R-32 0.75 Ton Ducted Concealed Indoor Unit
Outdoor Unit Model No.	RXP09AVJU9	Outdoor Unit Name:	Daikin Aurora R-32 0.75 Ton Heat pump outdoor unit
Rated Cooling Capacity (Btu/hr):	9,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	6,910	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	9,400 / 4,400	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	0.860	Heating Input Power (kW):	1.29
SEER2 (Non-Ducted/Ducted):	/ 16.00	HSPF2 (Non-Ducted/Ducted):	/ 9.0
EER2 (Non-Ducted/Ducted):	/ 11.10	Heating COP (Non-Ducted/Ducted):	3.0 /
Rated Heating Capacity (Btu/hr):	10,900	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Max/Min Heating Capacity (Btu/hr):	12,800 / 4,400		

SYSTEM DETAILS

Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	1.74	Heating Operation Range (°F WB):	-14 - 64
Additional Charge (oz/ft):	0.22	Max. Pipe Length (Vertical) (ft):	49
Pre-charge Piping (Length) (ft):	49	Cooling Range w/Baffle (°F DB):	-4 - 115
Max. Pipe Length (Total) (ft):	66		
Max Height Separation (Ind to Ind ft):	0		

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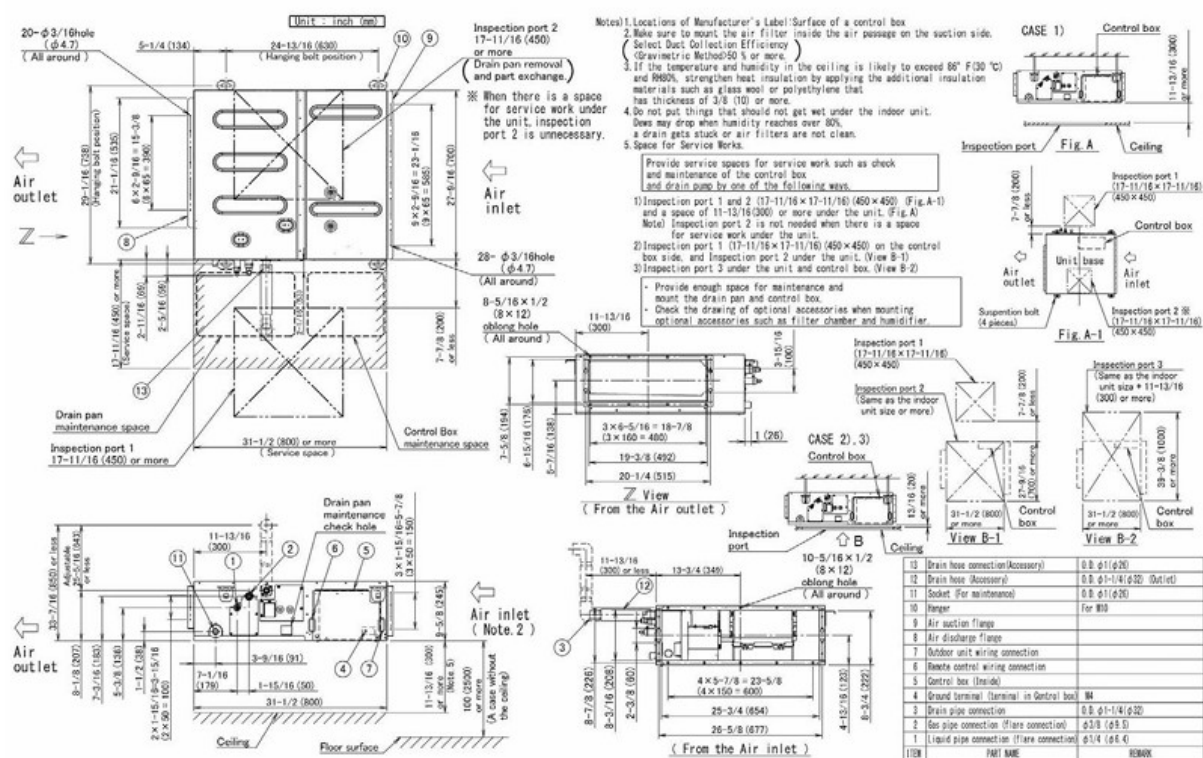
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	401/338/279
Power Supply Connections:		Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):		Gas Pipe Connection (inch):	3/8
Max Overcurrent Protection (MOP) (A):		Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	9-5/8 x 27-9/16 x 31-1/2	Condensate Connection (inch):	1
Net Weight (lb):	64	Sound Pressure (H) (dBA):	32
Ext. Static Pressure (Rated/Max) (inWg):	0.2 /	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT

FDMA09/12AVJU9



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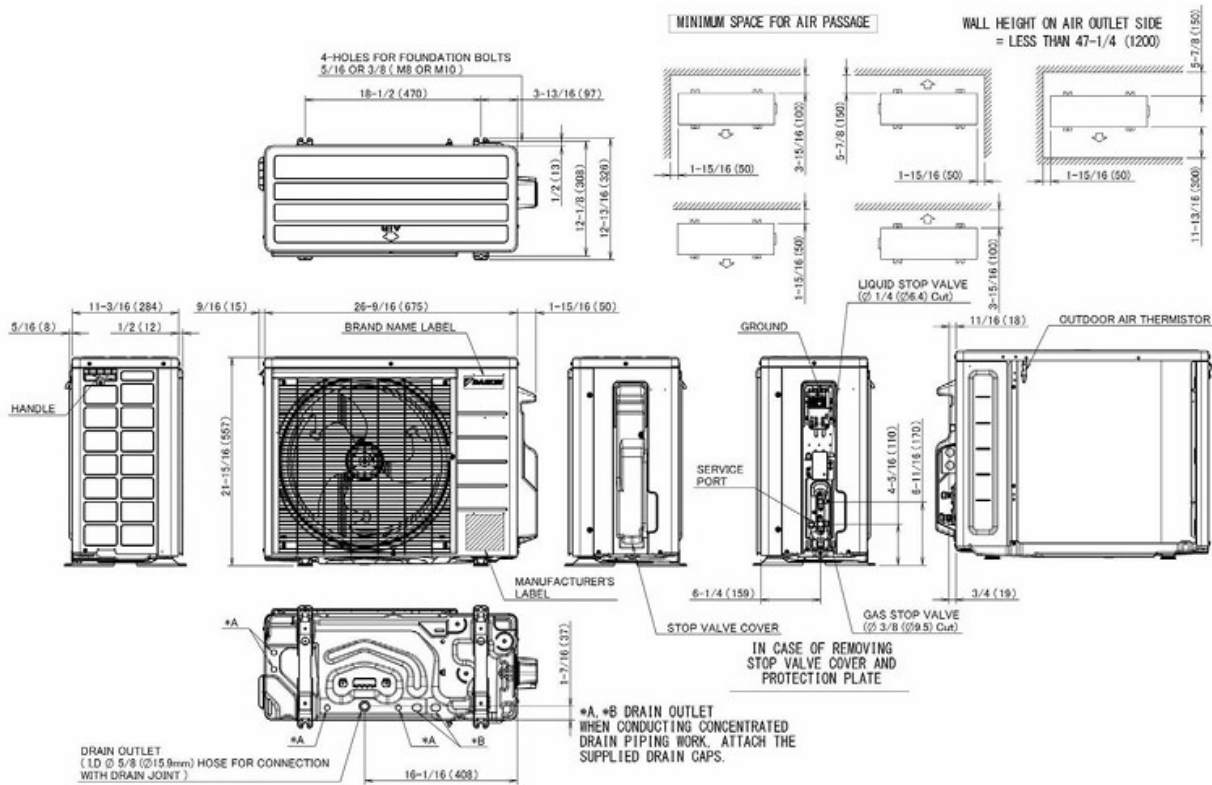
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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:		Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	11.6	Airflow Rate (H/M) (CFM):	/1,126
Max Overcurrent Protection (MOP) (A):	15	Gas Pipe Connection (inch):	3/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	50
Dimensions (HxWxD) (in):	21-15/16 x 26-9/26 x 11-3/16	Sound Power Level (dBA):	
Net Weight (lb):	72		

DIMENSIONAL DRAWING - OUTDOOR UNIT
RXP09/12AVJU9



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INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
BRC1NRV71	R32 Navigation Remote Controller	No
DCS302C71	Centralized Controller	No
DST301BA61	Schedule Timer	No
KRCS01-6B	Remote Sensor	No
KRP1C76	Wiring Adapter PCB	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
KEH068A41	Drain Pan Heater	No
KKG067A41	Back protection wire net (09 & 12)	No
KKP937A4	Drain Plug for OD Unit	Yes
KPS067A41	Snow hood (intake side plate) (09 & 12)	No
KPS067A42	Snow hood (intake rear plate) (09 & 12)	No
KPS067A44	Snow hood (outlet) (09 & 12)	No
KPW937F4	Air direction adjustment grille (09 & 12)	No