



Submittal Data Sheet

Daikin POLARA 2.5-Ton Wall Mount Heat Pump System

FTXV30AVJU9-RXV30AVJU9

FEATURES

- Inverter compressor with DC motor.
- PAM control for efficient power use.
- Swing compressor for smooth and stable operation.
- 3-D airflow with horizontal and vertical auto swing.
- Comfort Airflow mode to direct air away from people.
- Intelligent Eye sensor that detects people in the room.
- Automatic energy saving operation when the room is empty.
- Powerful mode for fast cooling or heating.
- ECONO mode to limit maximum power consumption.
- Quiet Outdoor Unit operation to reduce noise.
- Automatic cooling and heating changeover.
- Program Dry operation for humidity control.
- Fan only operation.
- Titanium apatite deodorizing filter.
- Washable grille and wipe clean flat panel
- Weekly timer with up to four settings per day.
- 24 hour ON / OFF timer and count up / count down timer.
- Auto restart after power failure.
- Self diagnosis with error indication.
- Low temperature cooling capability to -4F by PCB adjustment and use of air directional grill.

BENEFITS

- Lower energy bills because the inverter adjusts power instead of cycling on and off.
- More even room temperature with fewer hot and cold spots
- Better comfort because air is not blown directly on people
- Energy savings when no one is in the room, without user input.
- Fast comfort recovery when the room needs quick cooling or heating
- Quieter operation for bedrooms and night use.
- Cleaner indoor air by reducing odors
- Less maintenance effort with washable and easy clean parts.
- More convenient with automated schedules that match daily routines.
- Improved reliability and peace of mind after power outages.
- Comfort all year long with both cooling and heating in one system.

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FTXV30AVJU9	Indoor Unit Name:	Daikin POLARA 2.5 -Ton Wall Mount Indoor Unit
Outdoor Unit Model No.	RXV30AVJU9	Outdoor Unit Name:	Daikin POLARA 2.5-Ton, Heat Pump, Ductless Outdoor Unit
Rated Cooling Capacity (Btu/hr):	31,400	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	20,390	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	31,400 / 10,200		
Cooling Input Power (kW):	3.140	Heating Input Power (kW):	3.52
SEER2 (Non-Ducted/Ducted):	/ 19.00	HSPF2 (Non-Ducted/Ducted):	/ 8.1
EER2 (Non-Ducted/Ducted):	/ 10.00		
Rated Heating Capacity (Btu/hr):	34,800	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Max/Min Heating Capacity (Btu/hr):	34,800 / 10,200		

SYSTEM DETAILS

Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	3.68	Heating Operation Range (°F WB):	5 - 64
Additional Charge (oz/ft):	0.22	Max. Pipe Length (Vertical) (ft):	66
Pre-charge Piping (Length) (ft):	49	Cooling Range w/Baffle (°F DB):	-4 - 115
Max. Pipe Length (Total) (ft):	99		
Fan/Compressor Drive Input:	0.39		

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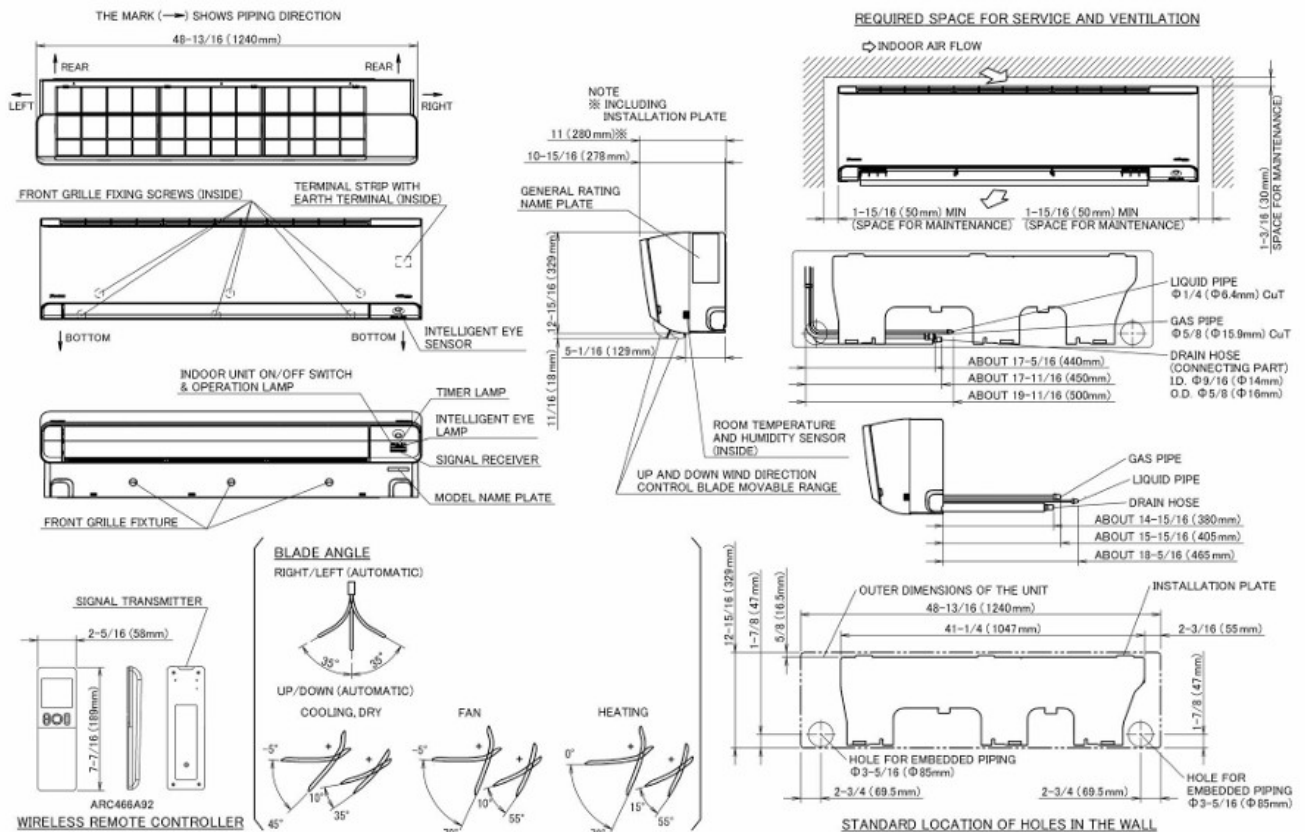
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L/SL) (CFM):	925/794/600/533
Power Supply Connections:	1, 2, 3, G		
Min. Circuit Amps MCA (A):	See outdoor unit for electrical info	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	See outdoor unit for electrical info	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	12-15/16 x 48-13/16 x 10-15/16	Condensate Connection (inch):	5/8
		Sound Pressure (H/M/L/SL) (dBA):	53/47/40/37
Net Weight (lb):	42		

DIMENSIONAL DRAWING - INDOOR UNIT

FTXV30/36AVJU9





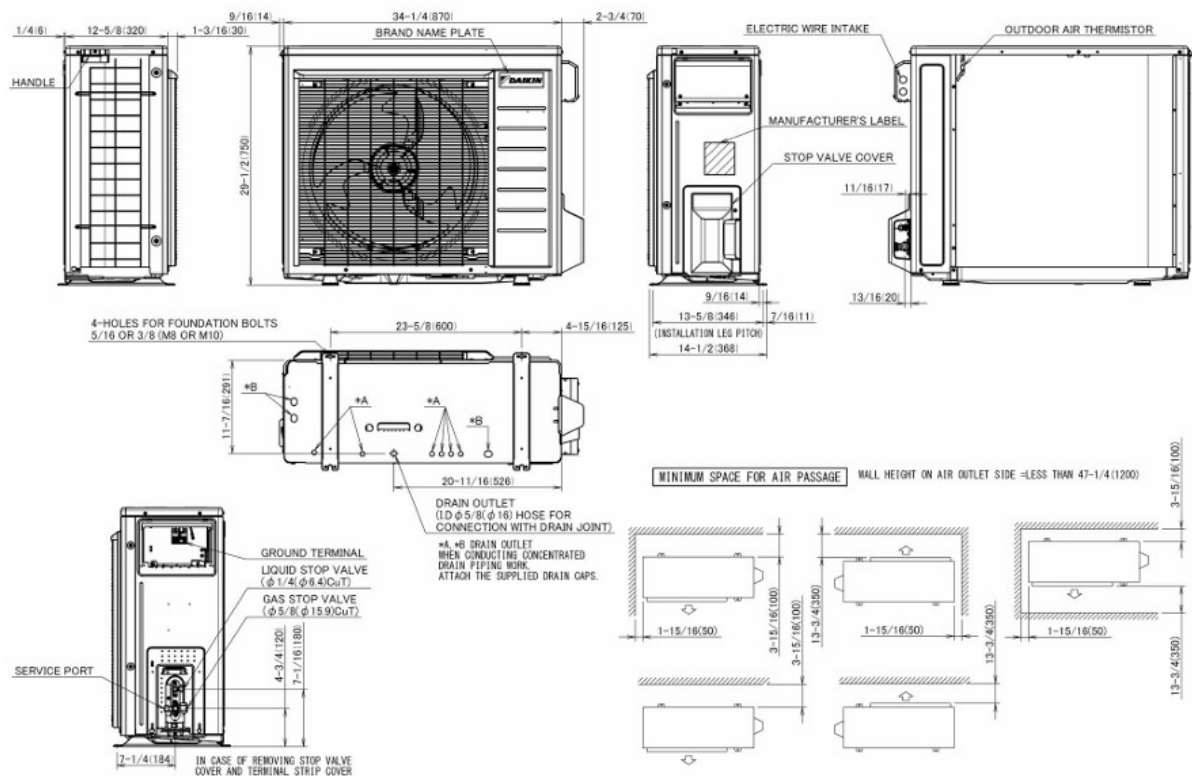
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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1,L2,Ground		
Min. Circuit Amps MCA (A):	22	Airflow Rate (H/M) (CFM):	/2,585
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
		Liquid Pipe Connection (inch):	1/4
		Sound Pressure (H) (dBA):	57
Dimensions (HxWxD) (in):	29-1/2 x 34-1/4 x 12-5/8		
Net Weight (lb):	128		

DIMENSIONAL DRAWING - OUTDOOR UNIT

RKV30/36AVJU9, RXV30/36AVJU9



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