



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	Rated Height Difference (ft):	0.00
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 (oz):	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		
Max Height Separation (Ind to Ind ft):	0		

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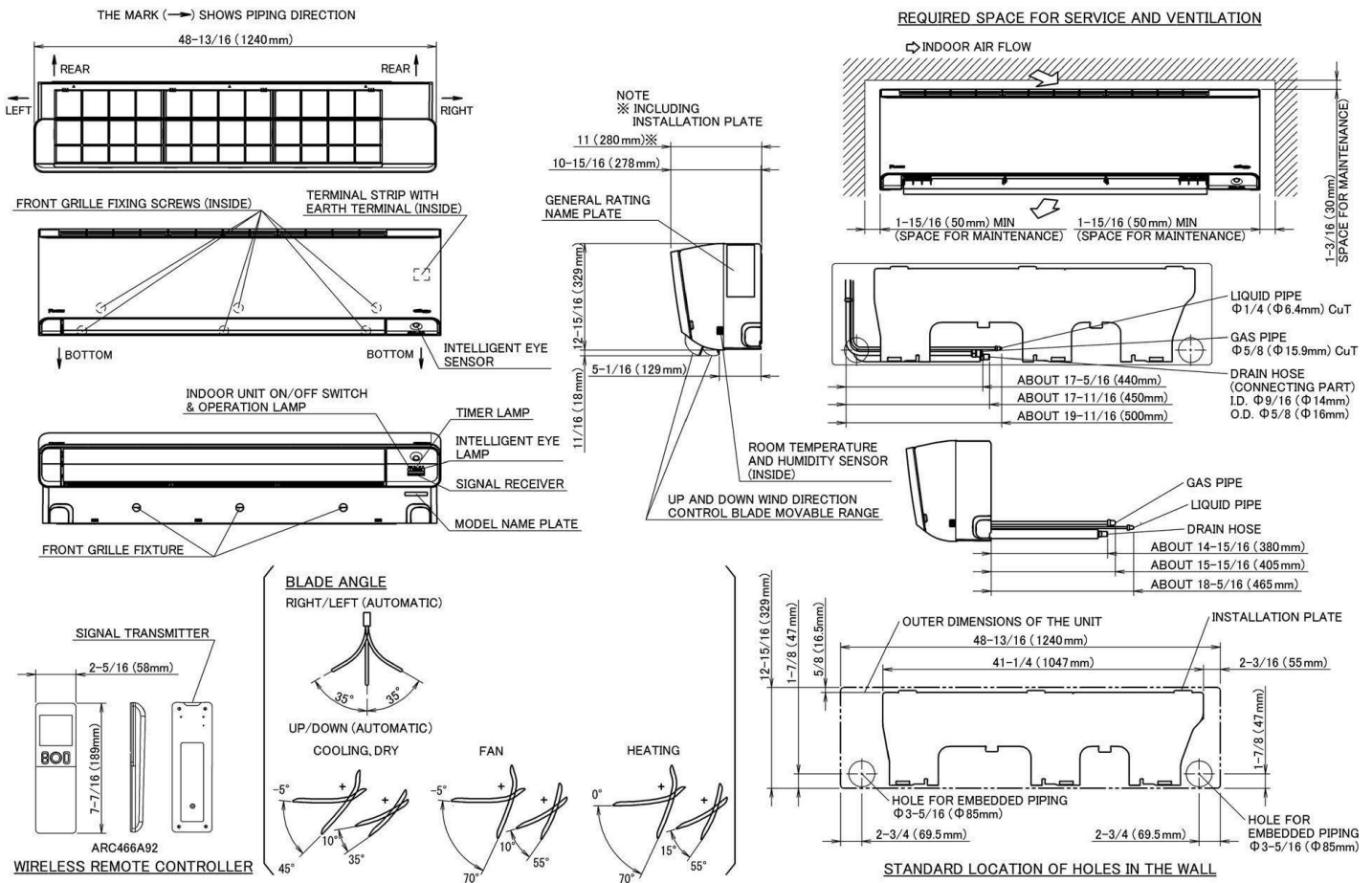
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L/SL) (CFM):	925/794/600/533
Power Supply Connections:		Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):		Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):		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
Net Weight (lb):	42	Sound Pressure (H/M/L/SL) (dBA):	53/47/40/37
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT





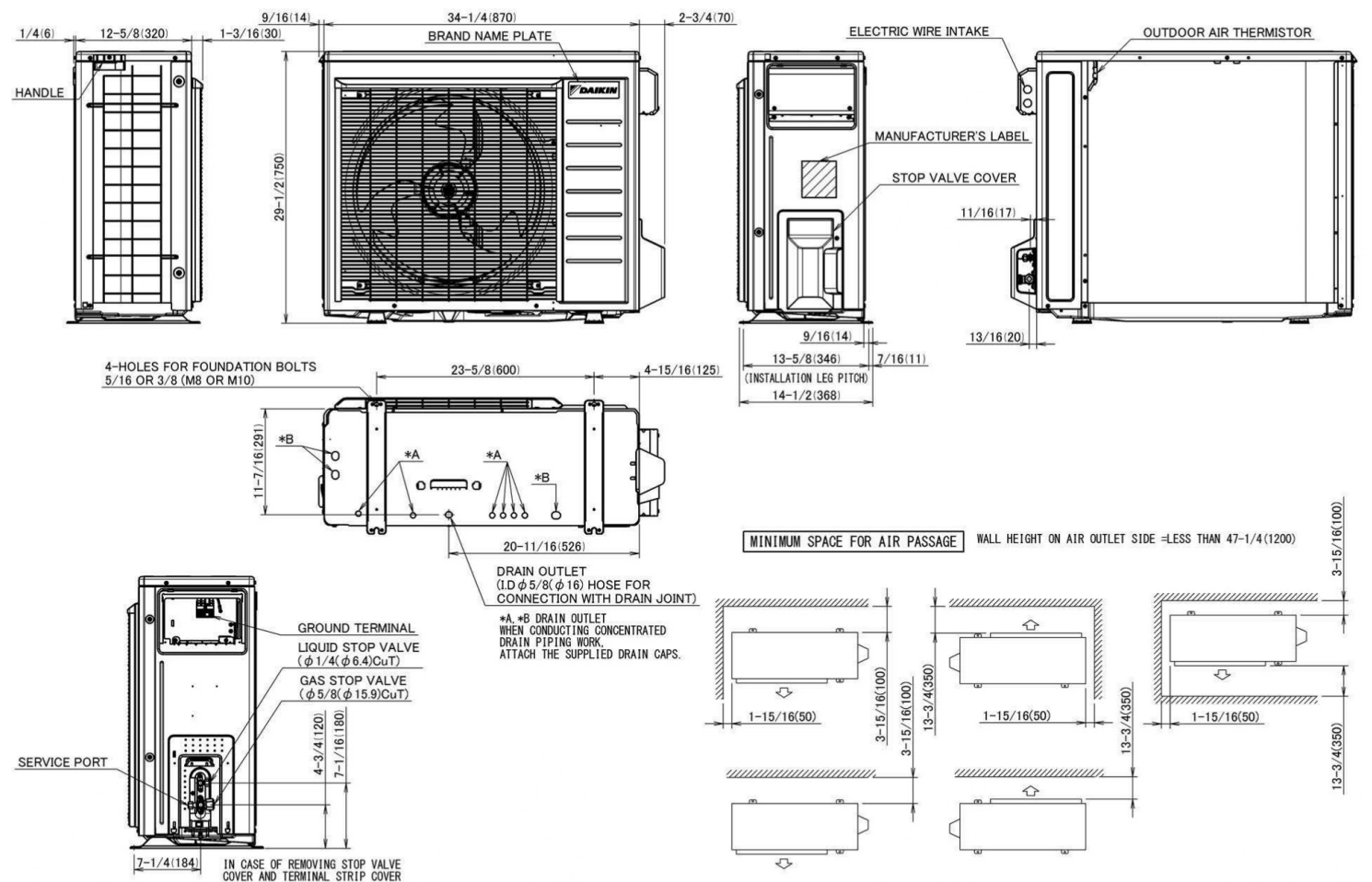
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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1,L2,Ground	Capacity Control Range (%):	-
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
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	57
Dimensions (HxWxD) (in):	29-1/2 x 34-1/4 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	128		

DIMENSIONAL DRAWING - OUTDOOR UNIT





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INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
BRC073A6	Wired Remote Controller (Requires Additional Wire Harness)	No
BRCW901A03	BRC944B2 CONTROL CABLE, 10FT	No
BRCW901A08	Wired Remote Controller Cord - 8m/26ft	No
DCS302C71	Centralized Controller	No
DST301BA61	Schedule Timer	No
KAF970A48	Photocatalytic Filter	Yes
KER087A41	S21 conversion connector	No
KKF910A4	Loss Prevention Chain for Wireless Controller / Holder	No
KRP928BB2S	RA Interface Adaptor for DIII-Net -	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
KEH064A41	Drain Pan Heater	No
KKG063A44	Back Protection Wire Net	No
KKP937A4	Drain Plug for OD Unit	Yes
KPS063A41	Snow hood (intake side plate)	No
KPS063A44	Snow hood (intake rear plate)	No
KPS063A47	Snow hood (outlet)	No
KPW063B4	Air direction adjustment grille	No