



## Submittal Data Sheet

Daikin POLARA 3.0-Ton Wall Mount Heat Pump System

FTXV36AVJU9-RXV36AVJU9

### 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.              | FTXV36AVJU9     | Indoor Unit Name:          | Daikin POLARA 3.0-Ton Wall Mount Indoor Unit              |
| Outdoor Unit Model No.             | RXV36AVJU9      | Outdoor Unit Name:         | Daikin POLARA 3.0-Ton, Heat Pump, Ductless Outdoor Unit   |
| Rated Cooling Capacity (Btu/hr):   | 34,400          | Rated Cooling Conditions:  | Indoor (°F DB/WB): 80 / 67<br>Ambient (°F DB/WB): 95 / 75 |
| Sensible Capacity (Btu/hr):        | 21,960          | Rated Piping Length(ft):   | 25                                                        |
| Max/Min Cooling Capacity (Btu/hr): | 34,400 / 10,200 |                            |                                                           |
| Cooling Input Power (kW):          | 3.510           | Heating Input Power (kW):  | 3.64                                                      |
| SEER2 (Non-Ducted/Ducted):         | / 18.00         | HSPF2 (Non-Ducted/Ducted): | / 8.0                                                     |
| EER2 (Non-Ducted/Ducted):          | / 9.80          |                            |                                                           |
| Rated Heating Capacity (Btu/hr):   | 36,000          | Rated Heating Conditions:  | Indoor (°F DB/WB): 70 / 60<br>Ambient (°F DB/WB): 47 / 43 |
| Max/Min Heating Capacity (Btu/hr): | 36,000 / 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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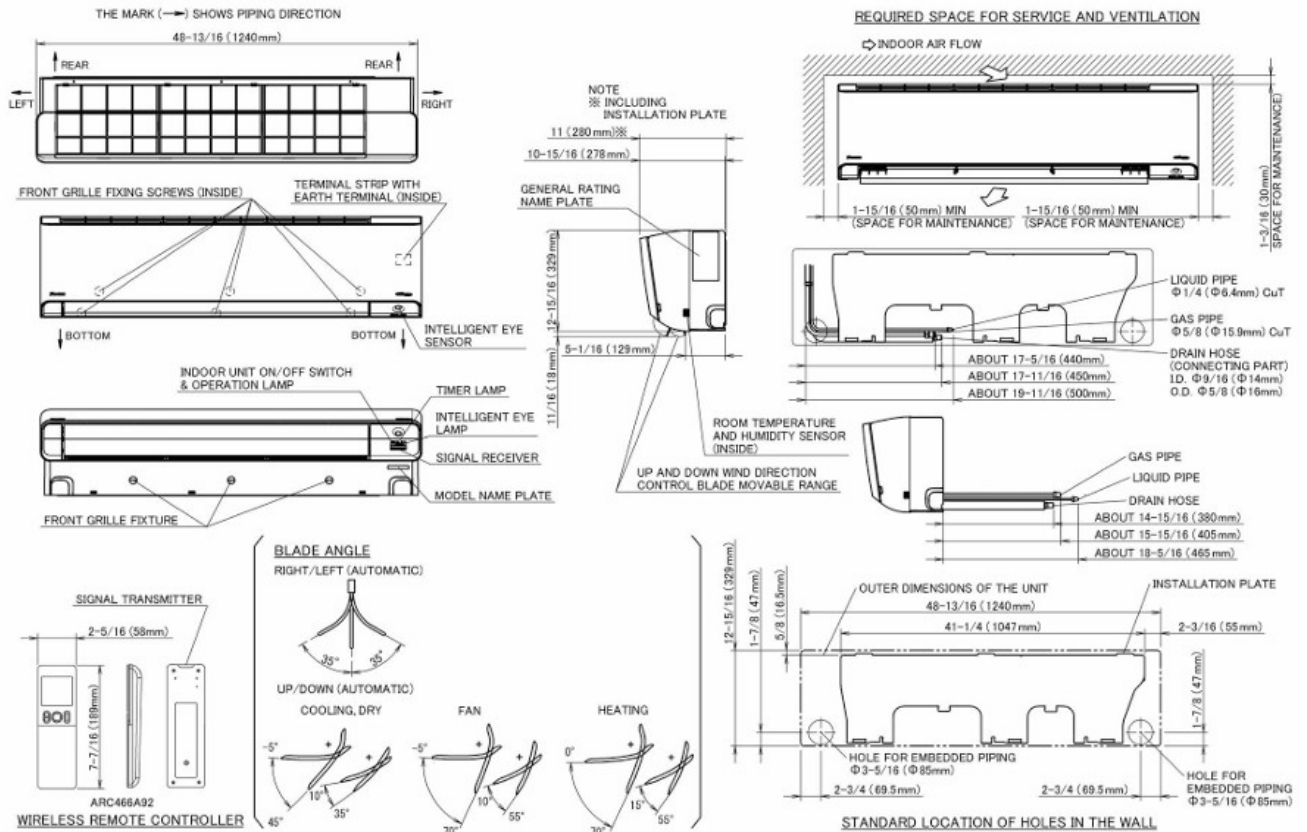
FTXV36AVJU9-RXV36AVJU9

### INDOOR UNIT DETAILS

|                                       |                                      |                                  |                 |
|---------------------------------------|--------------------------------------|----------------------------------|-----------------|
| Power Supply (V/Hz/Ph):               | 208-230 / 60 / 1                     | Airflow Rate (H/M/L/SL) (CFM):   | 971/794/600/533 |
| 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): | 54/47/40/37     |
| Net Weight (lb):                      | 42                                   |                                  |                 |

### DIMENSIONAL DRAWING - INDOOR UNIT

FTXV30/36AVJU9





Submittal Data Sheet

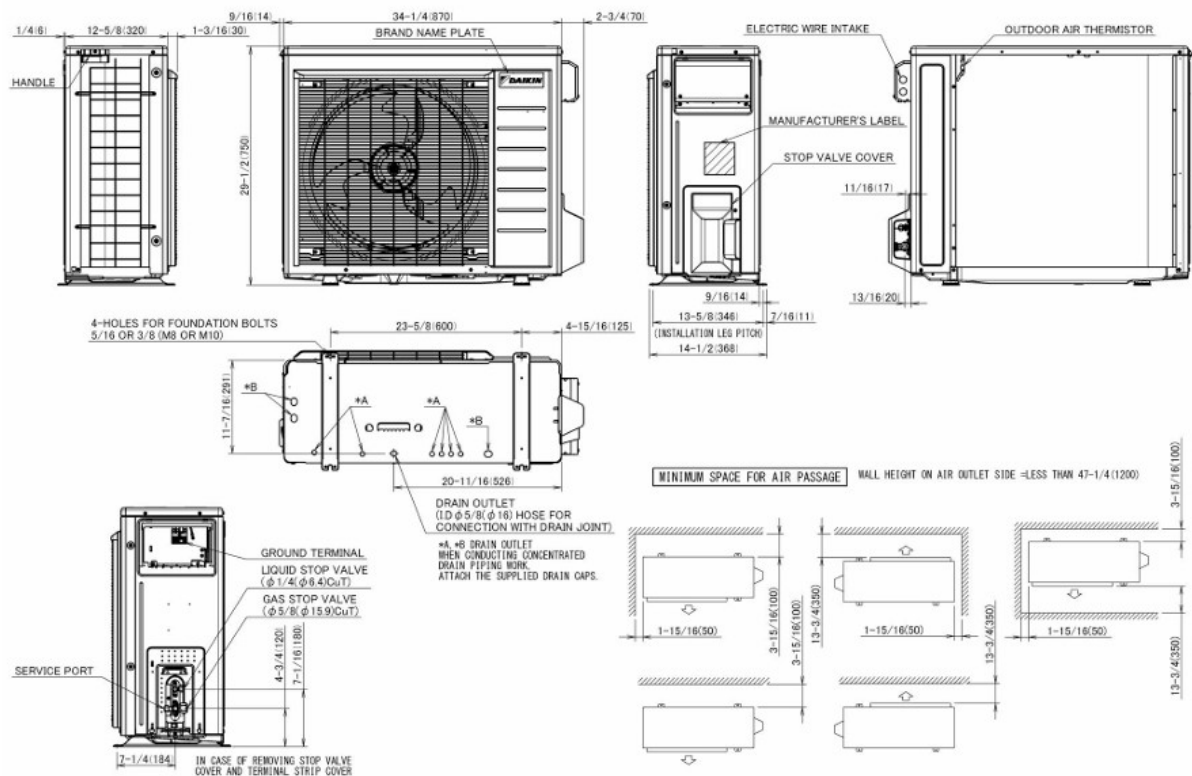
Daikin POLARA 3.0-Ton Wall Mount Heat Pump System  
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OUTDOOR UNIT DETAILS

|                                       |                          |                                |          |
|---------------------------------------|--------------------------|--------------------------------|----------|
| 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):      | /2,871   |
| Max Overcurrent Protection (MOP) (A): | 25                       | Gas Pipe Connection (inch):    | 5/8      |
|                                       |                          | Liquid Pipe Connection (inch): | 1/4      |
|                                       |                          | Sound Pressure (H) (dBA):      | 60       |
| 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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