

Project Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Performance

Indoor Unit Model No: FCQ30PAVJU
Outdoor Unit Model No: RZQ30PVJU
Rated Cooling Capacity (Btu/hr): 30000
Sensible Capacity (Btu/hr): 22300
Max/Min Cooling Capacity (Btu/hr / kW): databook/databook
Cooling Input Power (kW): 1.82
SEER: 15.8
Rated Heating Capacity (Btu/hr): 34000
Max/Min Heating Capacity (Btu/hr / kW): databook/databook
Heating Input Power (kW): 1.82
Heating COP (Btu/hr / Btu/hr): N/A
HSPF: 9.7

Indoor Unit Type: Round Flow Cassette
Condensing Unit Type: SkyAir Heat Pump
Rated Cooling Conditions
 Indoor: 80°F DB/67°F WB
 Outdoor: 95°F DB/75°F WB
Rated Heating Conditions
 Indoor: 70°F DB/60°F WB
 Outdoor: 47°F DB/43°F WB
Rated Piping Length(ft) 25
Rated Height Separation(ft) 0

Indoor Unit Details

Power Supply (V/Hz/Ph): 208-230/60/1ph
Power Supply Connections: L1, L2, Ground
Min Circuit Amps MCA (A): 0.6
Max Overcurrent Amps MFA (A): 15
Dimensions (HxWxD): 9-11/16x33-1/16x33-1/16
Panel (HxWxD): 2x37-3/8x37-3/8
Net Weight (lbs): 48.5
Weight with Panel (lbs): 60.7

Airflow Rate (CFM wet coil) 830/670/530
Moisture Removal (pt/h):
Gas Pipe Connection (inch): 5/8
Liquid Pipe Connection (inch): 3/8
Condensate Connection (inch): 1
Sound Pressure Level (dBA): 38
Sound Power Level (dBA): 31
Static Pressure Rated/Max (inWg) 0 / 0/0

Condensing Unit Details

Power Supply (V/Hz/Ph): 208-230/60/1ph
Power Supply Connections: L1, L2, Ground
Min. Circuit Amps MCA (A): 16.5
Max. Overcurrent Amps MFA (A): 20
Max. Starting Current MSC(A):
Rated Load Amps RLA (A): 16
Dimensions (HxWxD): 30-5/16x35-7/16x12-5/8
Net Weight (lbs): 150

Compressor Type: Inverter
Capacity Control Range (%): 25 - 100
Airflow Rate (CFM): 1835
Gas Pipe Connection (inch): 5/8
Liquid Pipe Connection (inch): 3/8
Sound Pressure Level (dBA): 49
Sound Power Level (dBA):

System Details

Refrigerant Type: R-410A
Holding Refrigerant Charge (lbs): 5.1
Additional Charge (oz/ft): 0.036lbs/ft
Pre-charge Piping (Length ft): -
Max. Pipe Length (Total ft): 164 ft

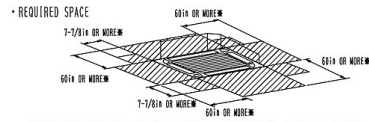
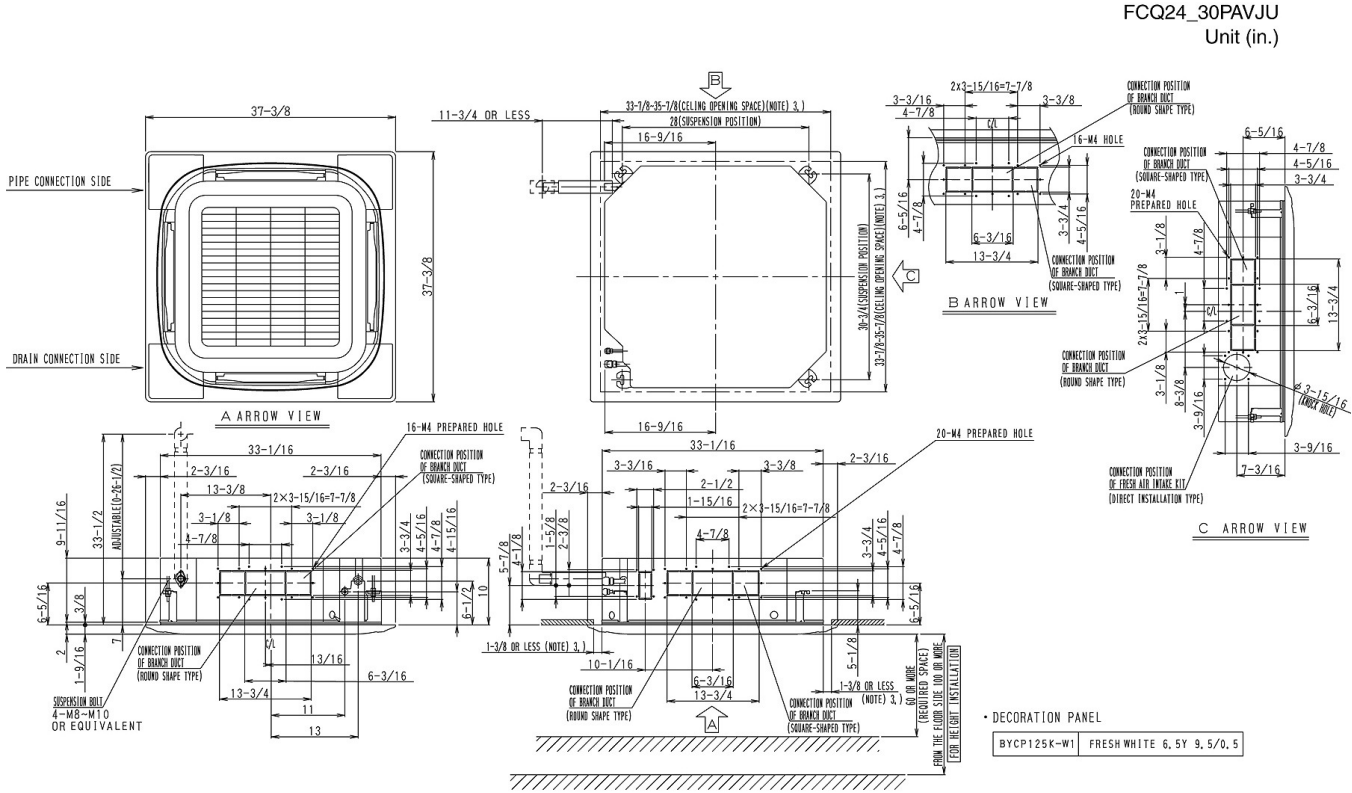
Max. Pipe Length (Vertical ft): 98 ft
Cooling Operation Range (°F): 23 - 115
Cooling Range w/Baffle (°F): 0 - 115
Heating Operation Range (°F): 0 - 77
Heating Range w/Baffle (°F): 0 - 77

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Dimensional Drawing - Indoor Unit

FCQ30PAVJU



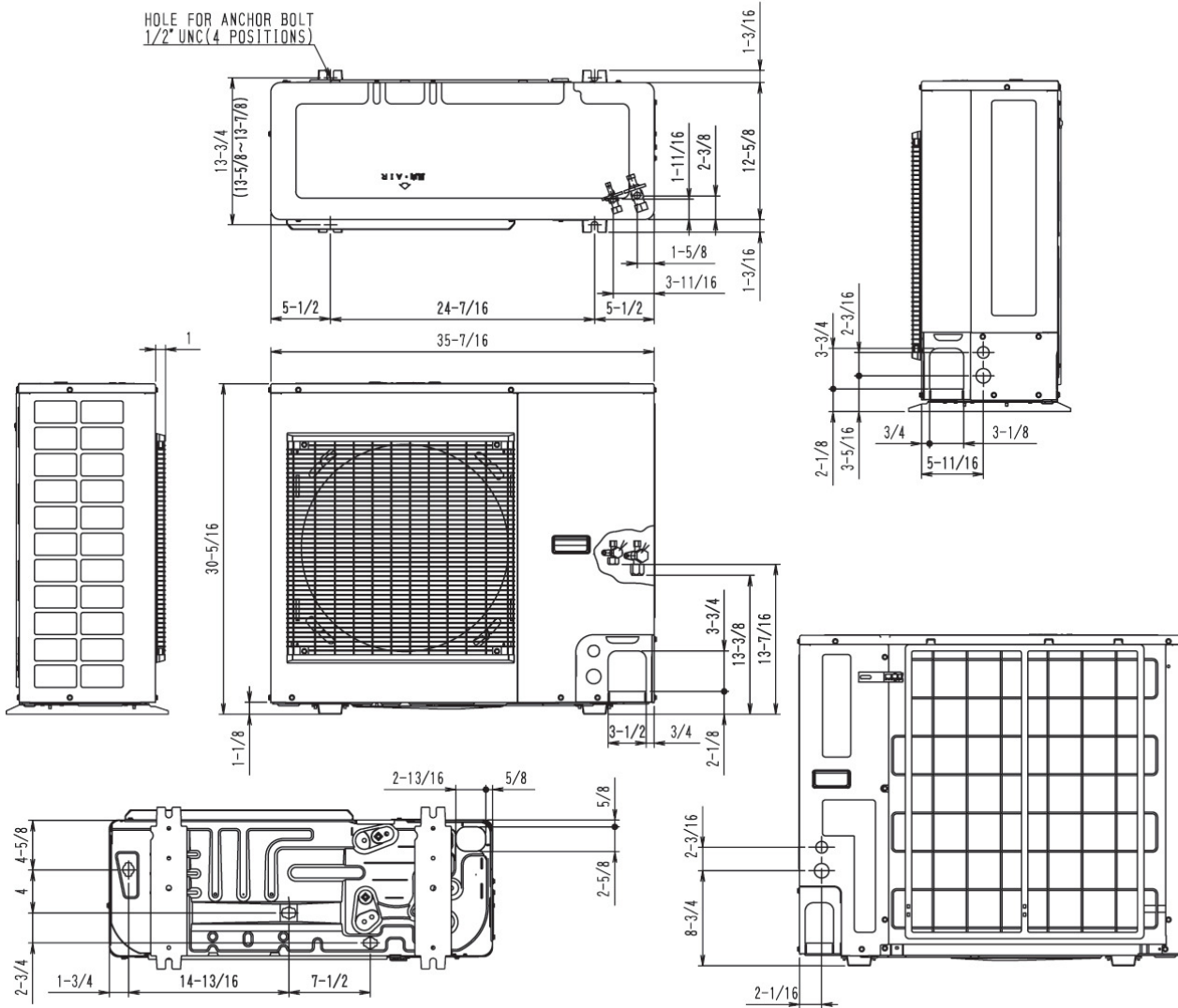
WHEN THE BLOW-OFF GRILL IS CLOSING, THE REQUIRED SPACE IS 13-1/16in OR MORE, WHEN UNFITTING AND CLOSING A CORNER PART (BOTH RIGHT AND LEFT OF THE BLOW-OFF GRILL TO CLOSE), IT IS 7-7/8in OR MORE.

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Dimensional Drawing - Condensing Unit

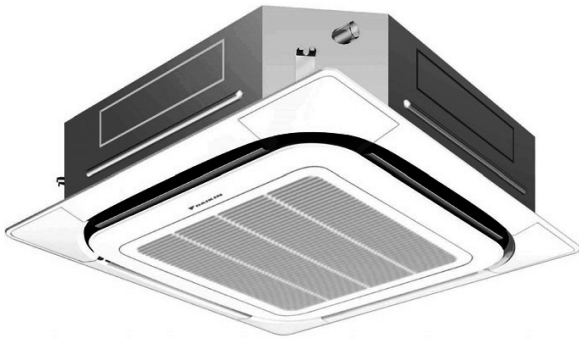
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Std U.S. Warranty: 7yrs Compressor, 5yrs Parts

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