

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

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

Performance

Indoor Unit Model No: FCQ42PAVJU
Outdoor Unit Model No: RZQ42PVJU9
Rated Cooling Capacity (Btu/hr): 42000
Sensible Capacity (Btu/hr): 30900
Max/Min Cooling Capacity (Btu/hr / kW): databook/databook
Cooling Input Power (kW): 3.26
SEER: 16
Rated Heating Capacity (Btu/hr): 47000
Max/Min Heating Capacity (Btu/hr / kW): databook/databook
Heating Input Power (kW): 3.26
Heating COP (Btu/hr / Btu/hr): N/A
HSPF: 8.5

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): 1.5
Max Overcurrent Amps MFA (A): 15
Dimensions (HxWxD): 11-5/16x33-1/16x33-1/16
Panel (HxWxD): 2x37-3/8x37-3/8
Net Weight (lbs): 55
Weight with Panel (lbs): 67.2

Airflow Rate (CFM wet coil) 1220/970/790
Moisture Removal (pt/h): _____
Gas Pipe Connection (inch): 5/8
Liquid Pipe Connection (inch): 3/8
Condensate Connection (inch): 1
Sound Pressure Level (dBA): 45
Sound Power Level (dBA): 34
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): 27
Max. Overcurrent Amps MFA (A): 30
Max. Starting Current MSC(A): _____
Rated Load Amps RLA (A): 19.6
Dimensions (HxWxD): 52-15/16x35-7/16x12-5/8
Net Weight (lbs): 283

Compressor Type: Inverter
Capacity Control Range (%): 25 - 100
Airflow Rate (CFM): 3740
Gas Pipe Connection (inch): 5/8
Liquid Pipe Connection (inch): 3/8
Sound Pressure Level (dBA): 58
Sound Power Level (dBA): _____

System Details

Refrigerant Type: R-410A
Holding Refrigerant Charge (lbs): 8.8
Additional Charge (oz/ft): 0.036lbs/ft
Pre-charge Piping (Length ft): -
Max. Pipe Length (Total ft): 230 ft

Max. Pipe Length (Vertical ft): 164 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

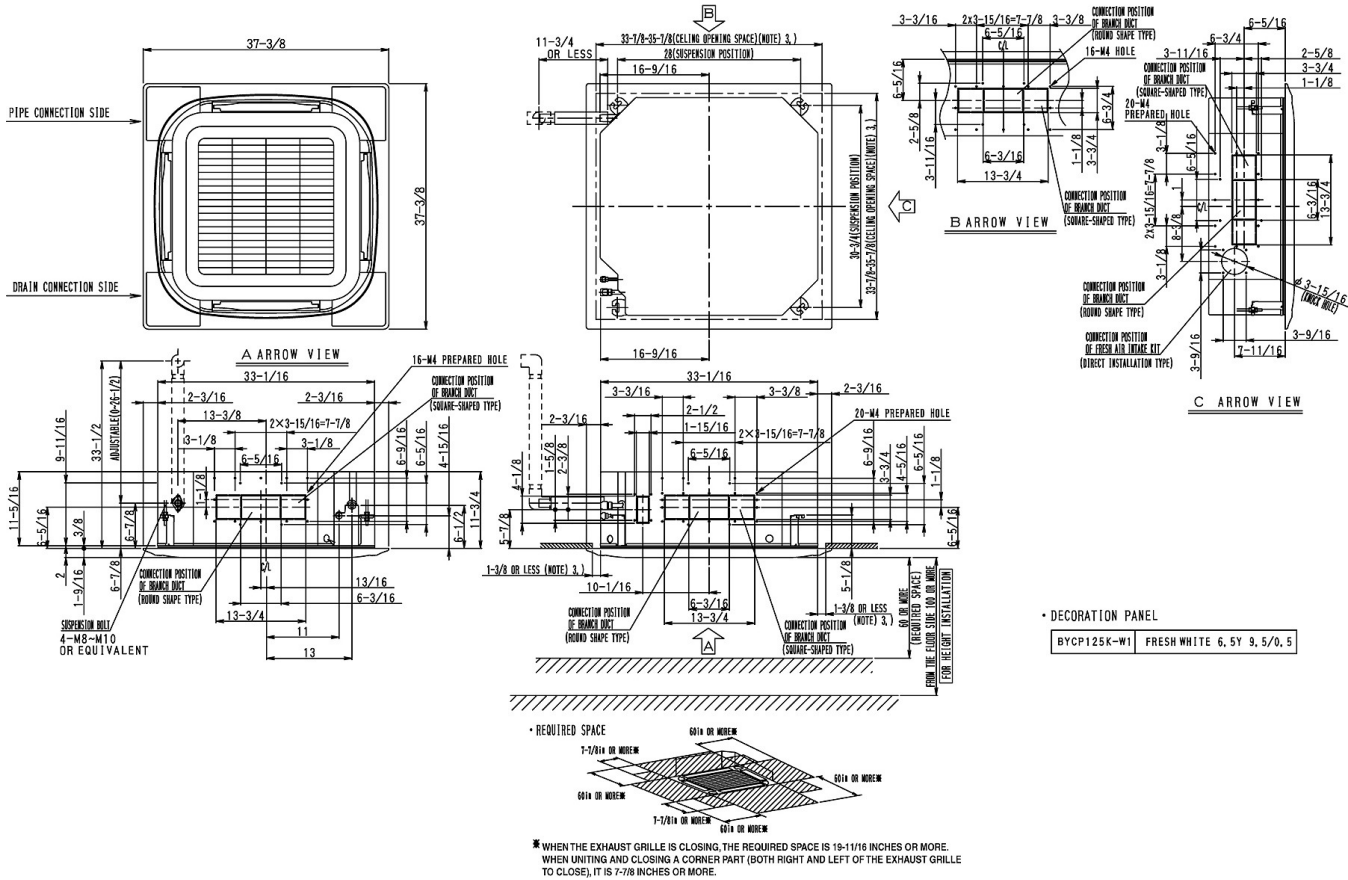
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Dimensional Drawing - Indoor Unit

FCQ42PAVJU

FCQ36_42PAVJU
 Unit (in.)

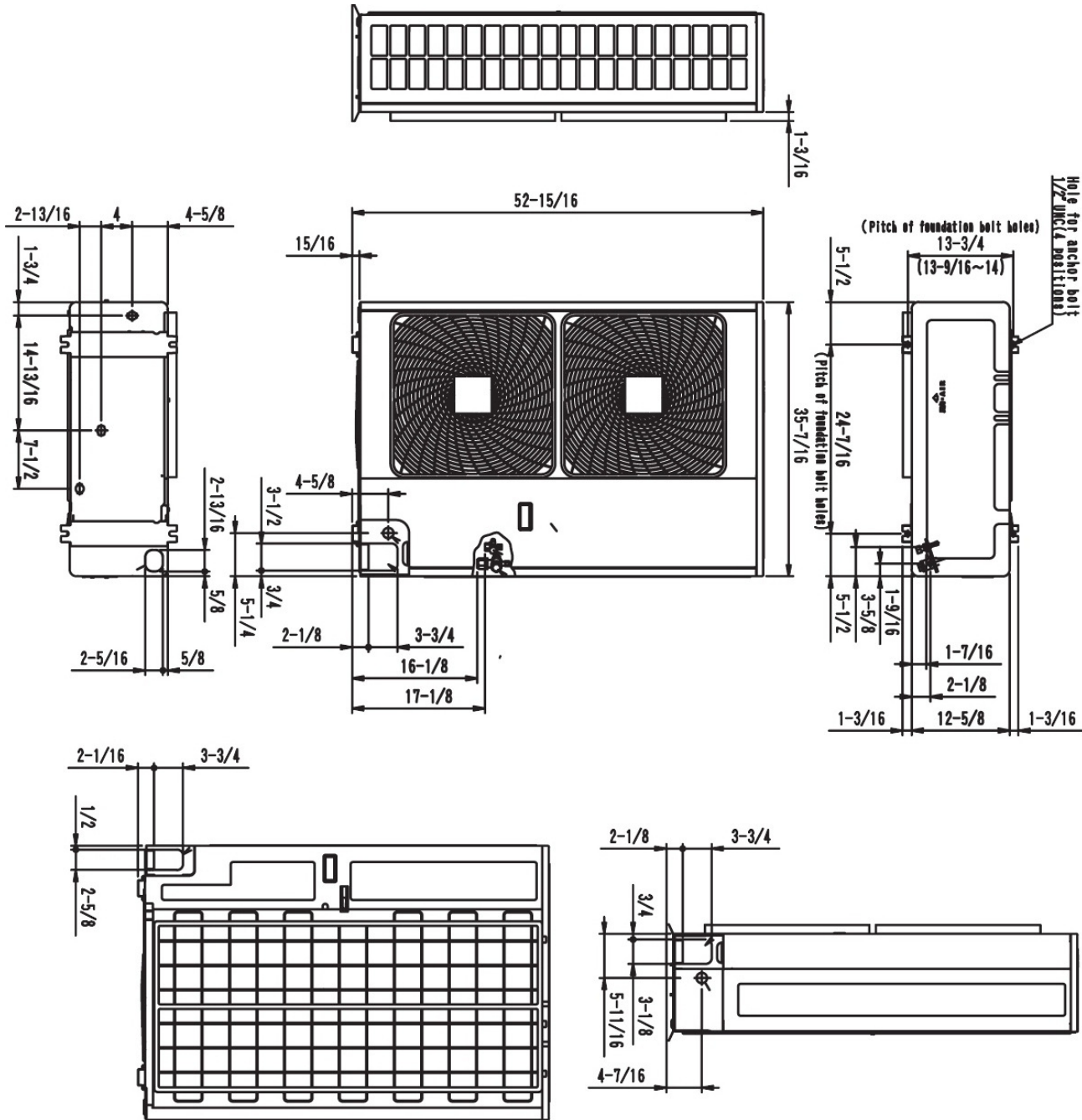


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Dimensional Drawing - Condensing Unit

RZQ42PVJU9



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FCQ42PAVJU



RZQ42PVJU9



FCQ42PAVJU

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

RZQ42PVJU9

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