

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

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

Performance

Indoor Unit Model No: FBQ42PVJU
Outdoor Unit Model No: RZQ42PVJU9
Rated Cooling Capacity (Btu/hr): 42000
Sensible Capacity (Btu/hr): 31600
Max/Min Cooling Capacity (Btu/hr / kW): databook/databook
Cooling Input Power (kW): 3.49
SEER: 16
Rated Heating Capacity (Btu/hr): 47000
Max/Min Heating Capacity (Btu/hr / kW): databook/databook
Heating Input Power (kW): 3.49
Heating COP (Btu/hr / Btu/hr): N/A
HSPF: 8.8

Indoor Unit Type: DC Duct Mounted
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): 2.9
Max Overcurrent Amps MFA (A): 15
Dimensions (HxWxD): 11-13/16x55-1/8x27-9/16
Panel (HxWxD): N/AxN/AxN/A
Net Weight (lbs): 102
Weight with Panel (lbs): N/A

Airflow Rate (CFM wet coil) 1377/1165/988
Moisture Removal (pt/h):
Gas Pipe Connection (inch): 5/8
Liquid Pipe Connection (inch): 3/8
Condensate Connection (inch): 1
Sound Pressure Level (dBA): 44
Sound Power Level (dBA): 40
Static Pressure Rated/Max (inWg) 0.4 / 0.8/0.8

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

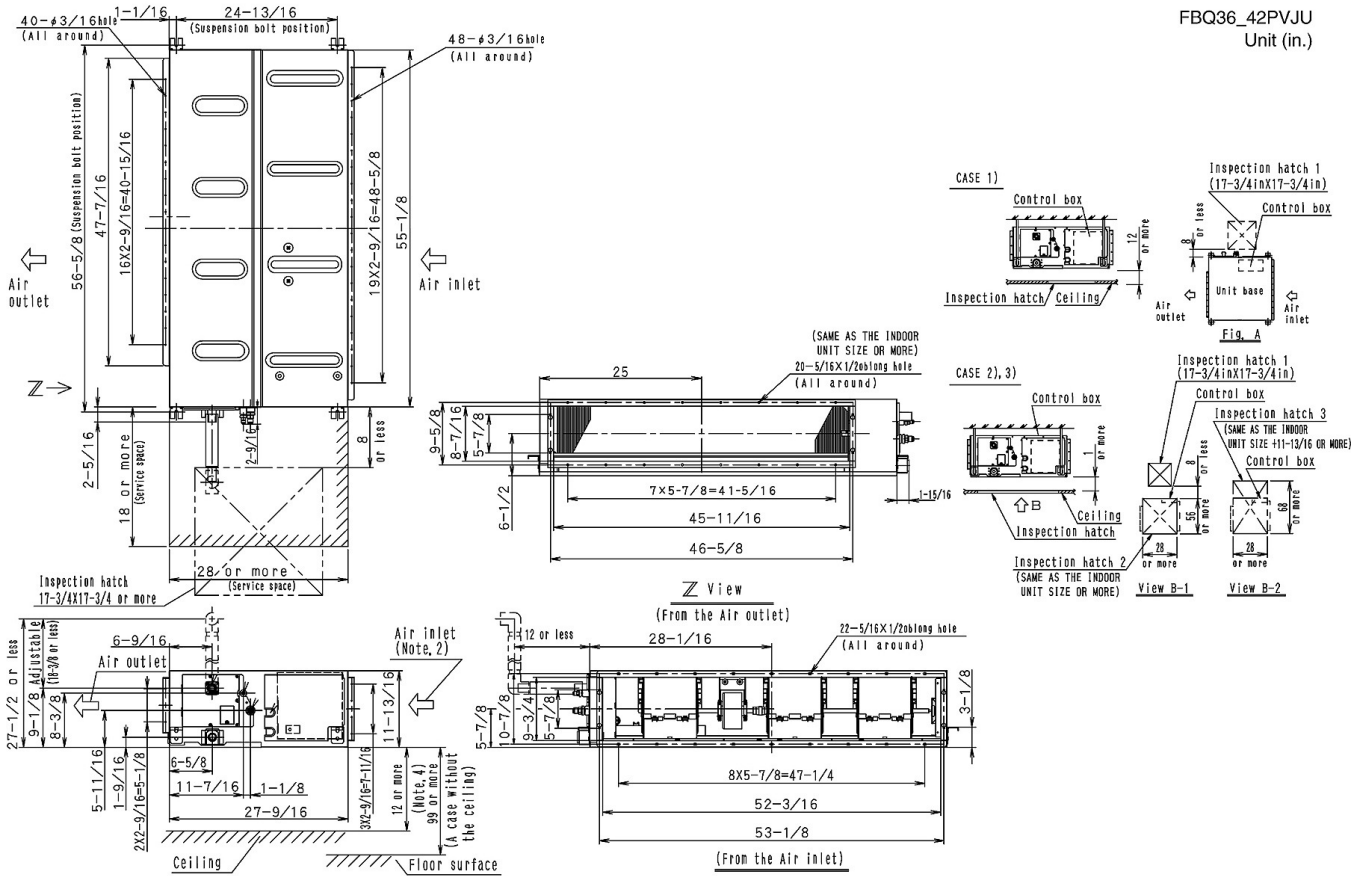
Max. Pipe Length (Vertical ft): 164 ft
Cooling Operation Range (°F): 23 - 115
Cooling Range w/Baffle (°F): 0 - 115
Heating Operation Range (°F): 0 - 77
Heating Range w/Baffle (°F): 0 - 77

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Dimensional Drawing - Indoor Unit

FBQ42PVJU

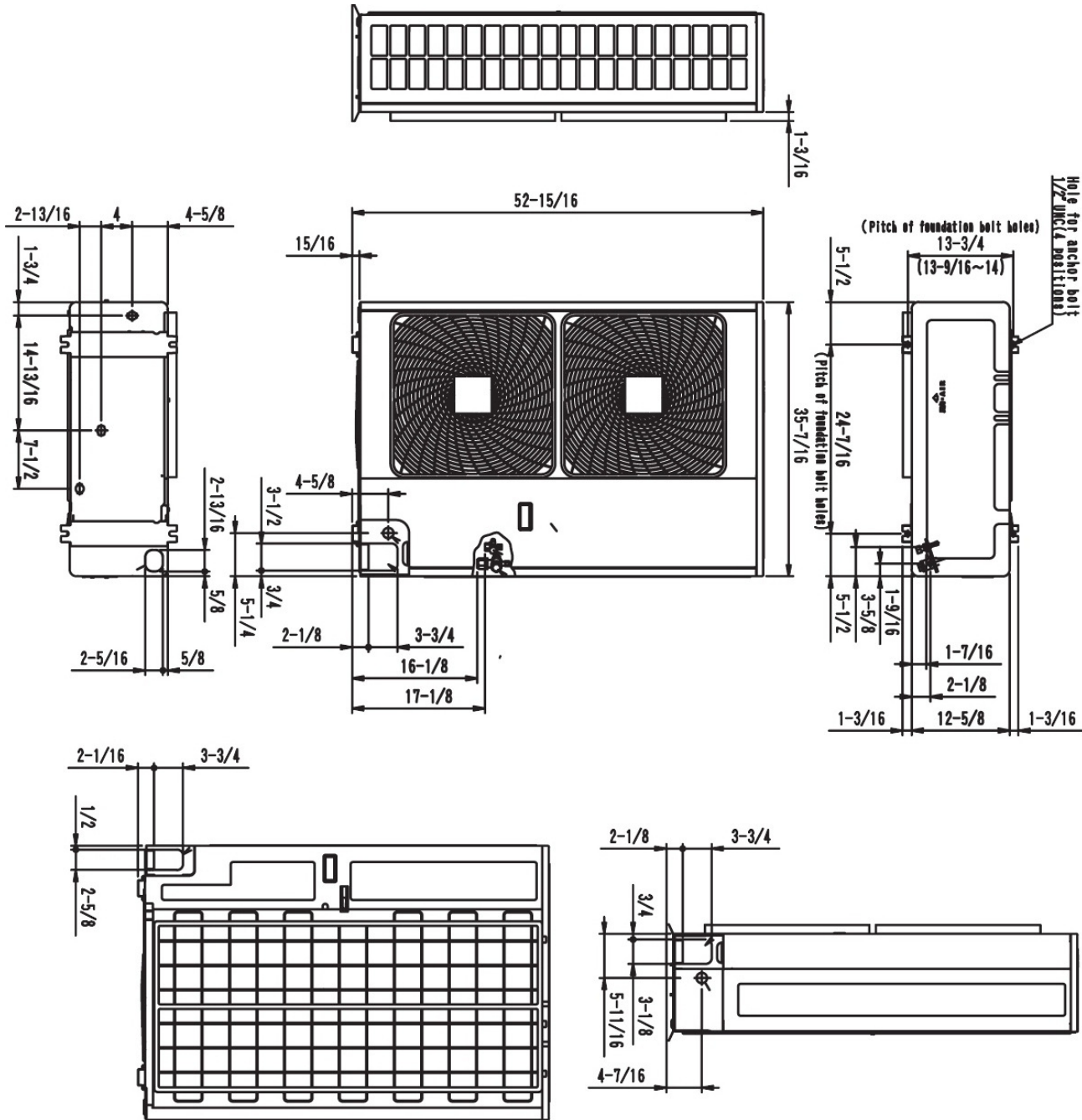


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Dimensional Drawing - Condensing Unit

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FBQ42PVJU



RZQ42PVJU9



FBQ42PVJU

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

RZQ42PVJU9

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