

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

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

Performance

Outdoor Unit Model No: RXYQ96PBYD
Type: Non-Ducted / Ducted
Rated Cooling Capacity (Btu/hr): 92000
Nom Cooling Capacity (Btu/hr): 96000
Cooling Input Power (kW): 7.36
SEER: N/A
IEER: 23.0/18.8
Rated Heating Capacity (Btu/hr): 103000
Nom Heating Capacity (Btu/hr): 108000
Heating Input Power (kW): 8.27
Heating COP (Btu/hr / Btu/hr): 4.2/3.65
HSPF: N/A
Heating COP 17F (Btu/hr / Btu/hr): 2.85/2.5

Condensing Unit Type: 8-Ton VRV-III Heat Pump
Unit Combination: RXYQ96PBYD
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) 50 / 25
Rated Height Difference (ft) 0

Condensing Unit Details

Power Supply (V/Hz/Ph): 460/60/3ph
Power Supply Connections: L1, L2, L3 Ground
Min. Circuit Amps MCA (A): 21
Max. Overcurrent Protection (MOP)(A): 25
Max. Starting Current MSC(A): 65
Rated Load Amps RLA (A): 3.9+8.4
Dimensions Height (Inch): 66-1/8
Dimensions Width (Inch): 48-7/8
Dimensions Depth (Inch): 30-1/8
Net Weight (lbs): 633

Compressor Type: Inverter
Capacity Control Range (%): 14 - 100
Capacity Index Limit: 48 - 124.8 (130%)
Airflow Rate (CFM): 8230
Gas Pipe Connection (inch): 7/8
Liquid Pipe Connection (inch): 3/8
H/L Pressure Connection (inch):
H/L Equalizing Connection (inch):
Sound Pressure Level (dBA): 60
Sound Power Level (dBA):
Max. No. of Indoor Units: 16

System Details

Refrigerant Type: R-410A
Holding Refrigerant Charge (lbs): 21.4
Additional Charge (lbs/ft): install data
Pre-charge Piping (Length ft): -
Max. Pipe Length (Total ft):
Max. Pipe Length (Vertical ft): 164 ft (295 ft) / 295 ft
Max Height Separation (Ind to Ind ft):

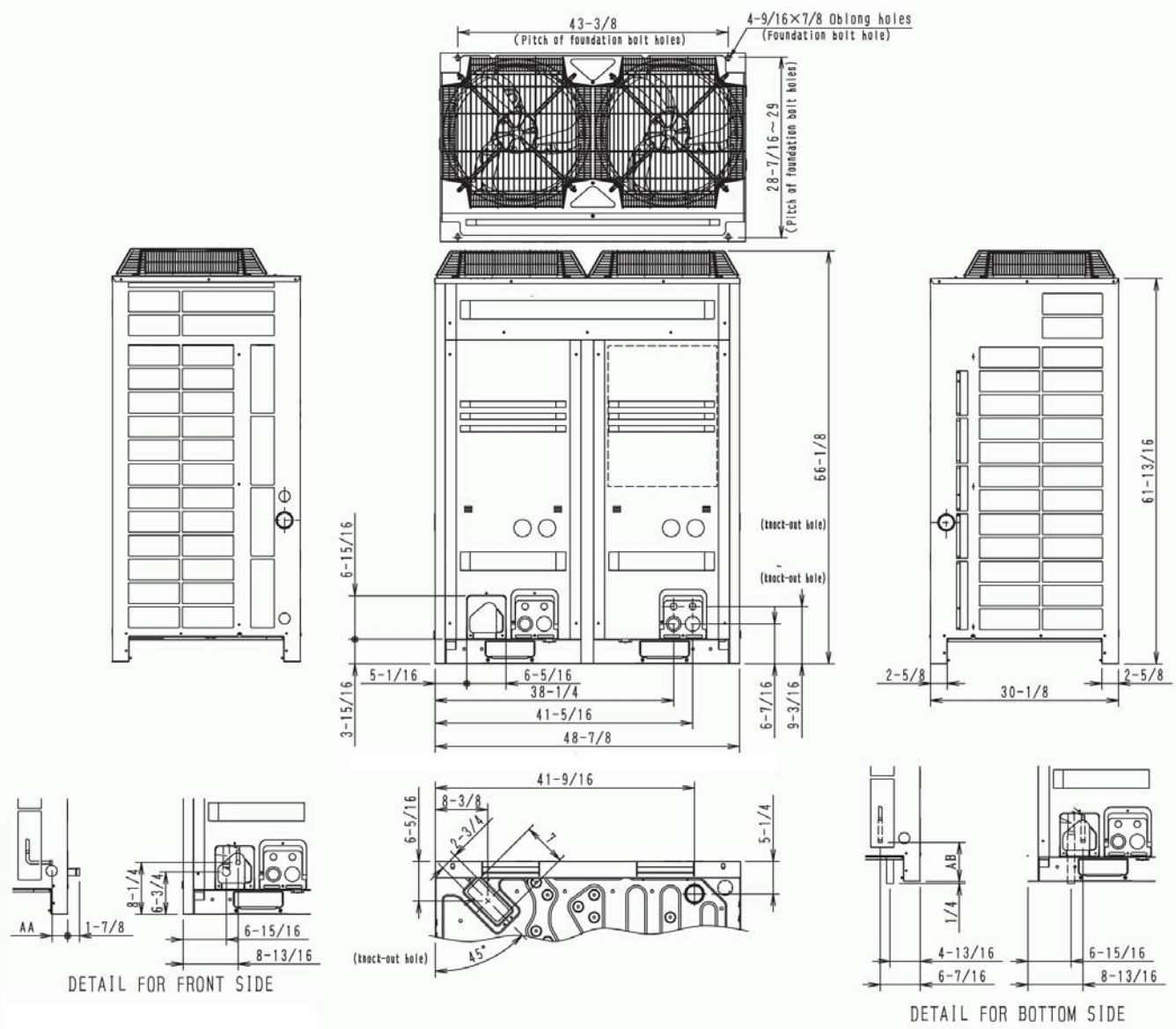
Cooling Operation Range (°F): 23 - 110
Cooling Range w/Baffle (°F):
Heating Operation Range (°F): 0 - 77 / (-4) - 60
Heating Range w/Baffle (°F):

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Dimensional Drawing - Condensing Unit

RXYQ96PBYD



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Std U.S. Warranty: 7yrs Compressor, 1yrs Parts