

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

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

Performance

Outdoor Unit Model No: REYQ168PBYD
Type: Non-Ducted / Ducted
Rated Cooling Capacity (Btu/hr): 160000
Nom Cooling Capacity (Btu/hr): 144000
Cooling Input Power (kW): 13.91
SEER: N/A
IEER: 20.3/19.4
Rated Heating Capacity (Btu/hr): 180000
Nom Heating Capacity (Btu/hr): 162000
Heating Input Power (kW): 15.07
Heating COP (Btu/hr / Btu/hr): 3.7/3.5
HSPF: N/A
Heating COP 17F (Btu/hr / Btu/hr): 2.5/2.35

Condensing Unit Type: 14-Ton VRV-III Heat Recovery
Unit Combination: REMQ96PBYD REMQ72PBYD
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): 100 / 50
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): 20.3+16.7
Max. Overcurrent Protection (MOP)(A): 25+25
Max. Starting Current MSC(A): 69
Rated Load Amps RLA (A): (3.9+8.4)+7.1
Dimensions Height (Inch): 66-1/8
Dimensions Width (Inch): 73-1/4
Dimensions Depth (Inch): 30-1/8
Net Weight (lbs): 573+463

Compressor Type: Inverter
Capacity Control Range (%): 9 - 100
Capacity Index Limit: 84 - 218.4 (130%)
Airflow Rate (CFM): 6,350+6,530
Gas Pipe Connection (inch): 1-1/8
Liquid Pipe Connection (inch): 5/8
H/L Pressure Connection (inch): 7/8
H/L Equalizing Connection (inch): 3/4
Sound Pressure Level (dBA): 61
Sound Power Level (dBA): _____
Max. No. of Indoor Units: 29

System Details

Refrigerant Type: R-410A
Holding Refrigerant Charge (lbs): 19.8+18.1
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): _____

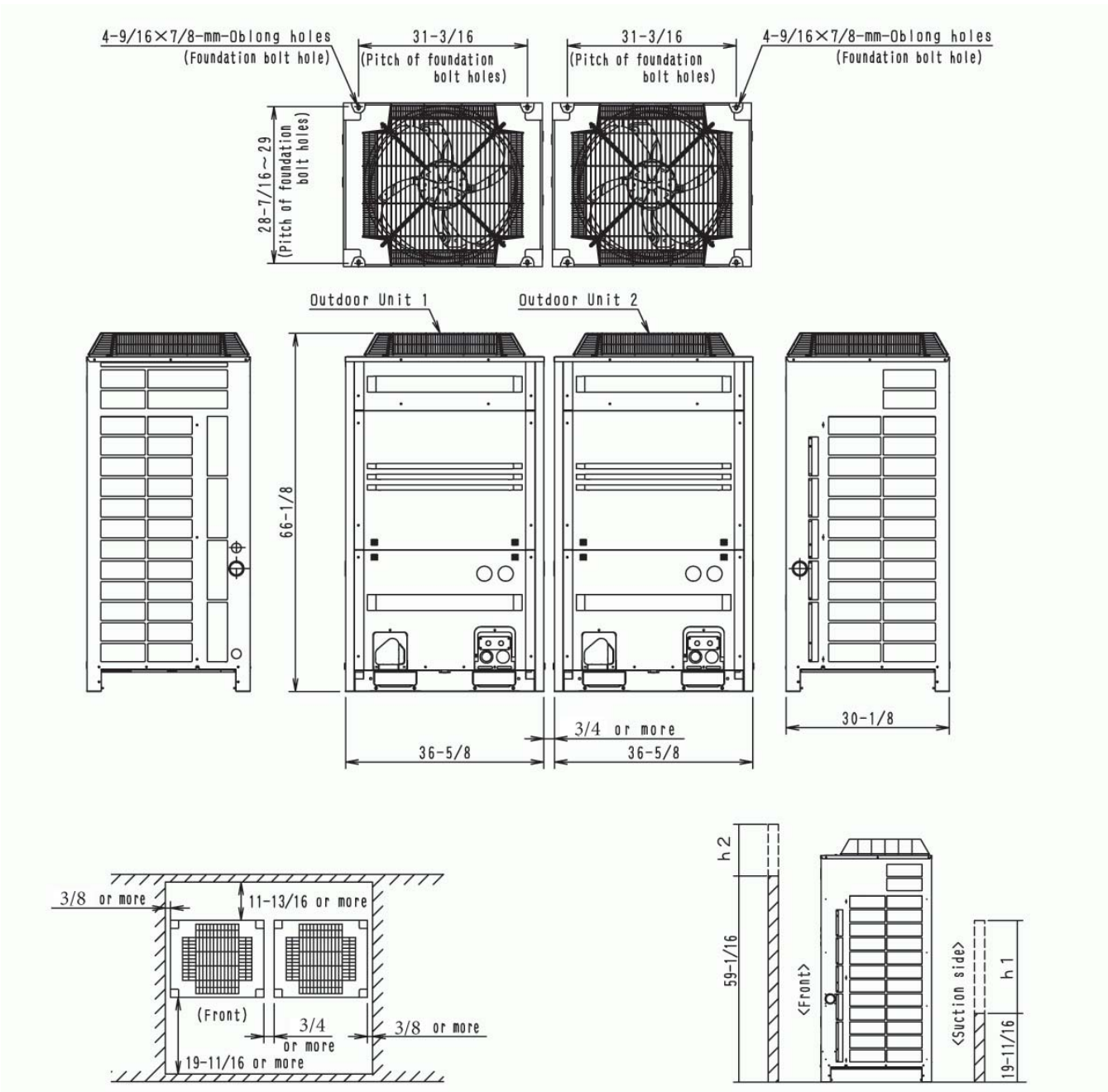
Cooling Operation Range (°F): 23 - 110
Cooling Range w/Baffle (°F): _____
Heating Operation Range (°F): 0 - 77 / (-4) - 60
Heating Range w/Baffle (°F): _____

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Dimensional Drawing - Condensing Unit

REYQ168PBYD



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