

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

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

Performance

Outdoor Unit Model No: REYQ312PBYD
 Type: Non-Ducted / Ducted
 Rated Cooling Capacity (Btu/hr): 297000
 Nom Cooling Capacity (Btu/hr): 312000
 Cooling Input Power (kW): 28.83
 SEER: N/A
 IEER: 16.9/16.2
 Rated Heating Capacity (Btu/hr): 334000
 Nom Heating Capacity (Btu/hr): 351000
 Heating Input Power (kW): 29.4
 Heating COP (Btu/hr / Btu/hr): 3.23/3.33
 HSPF: N/A
 Heating COP 17F (Btu/hr / Btu/hr): 2.25/2.25

Condensing Unit Type: 26-Ton VRV-III Heat Recovery
 Unit Combination: REMQ120PBYD REMQ96PBYD
 REMQ96PBYD
 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): 20.5+20.3+20.3
 Max. Overcurrent Protection (MOP)(A): 30+25+25
 Max. Starting Current MSC(A): 89
 Rated Load Amps RLA (A): (6.1+8.4)+(3.9+8.4) x 2
 Dimensions Height (Inch): 66-1/8
 Dimensions Width (Inch): 109-7/8
 Dimensions Depth (Inch): 30-1/8
 Net Weight (lbs): 573+573+573

Compressor Type: Inverter
 Capacity Control Range (%): 5 - 100
 Capacity Index Limit: 156 - 405.6 (130%)
 Airflow Rate (CFM): 7,060+6,530+6,350
 Gas Pipe Connection (inch): 1-3/8
 Liquid Pipe Connection (inch): 3/4
 H/L Pressure Connection (inch): 1-1/8
 H/L Equalizing Connection (inch): 3/4
 Sound Pressure Level (dBA): 64
 Sound Power Level (dBA):
 Max. No. of Indoor Units: 54

System Details

Refrigerant Type: R-410A
 Holding Refrigerant Charge (lbs): 20.1+19.8+19.8
 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):

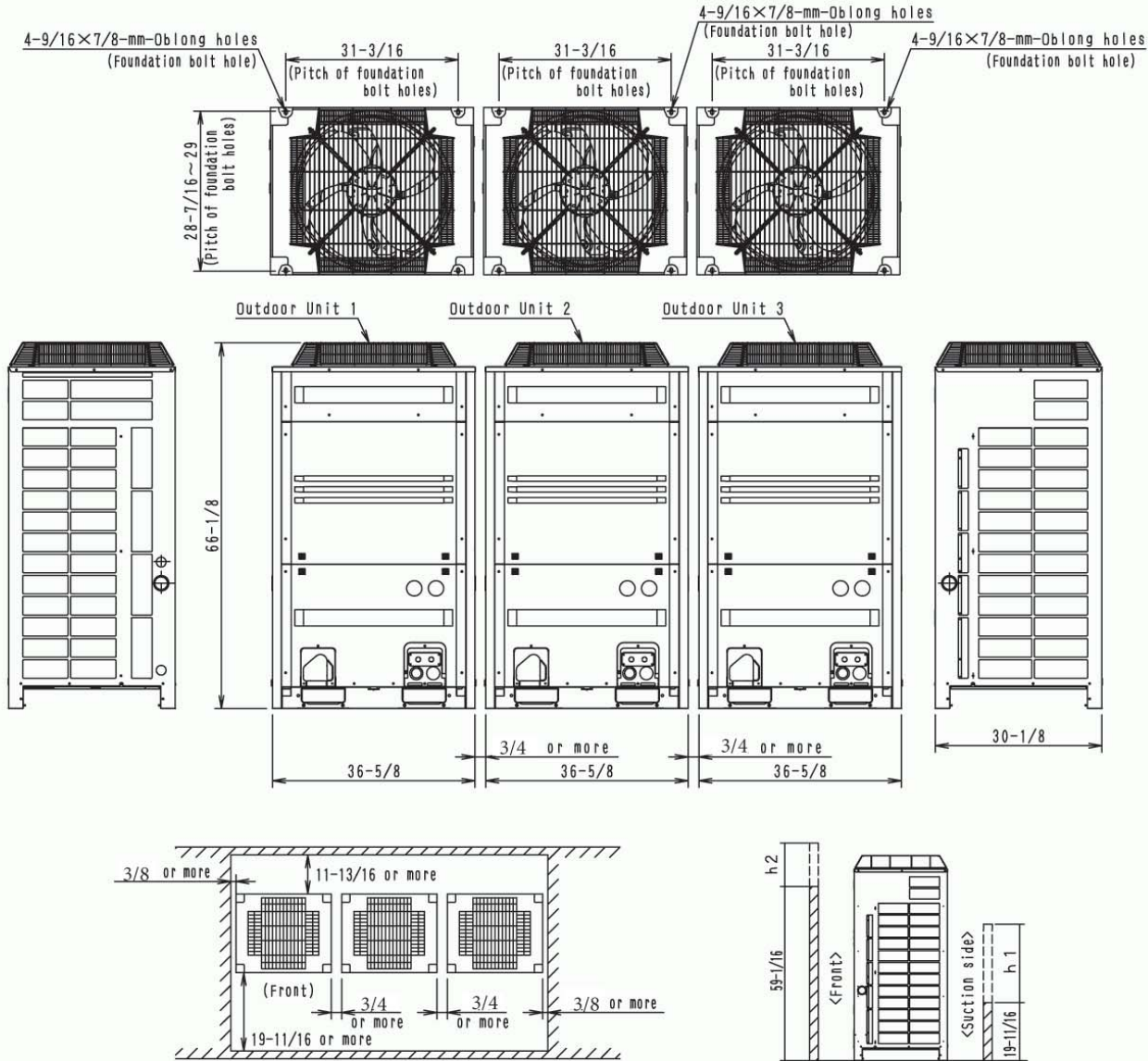
Cooling Operation Range (°F): 23 - 110
 Cooling Range w/Baffle (°F):
 Heating Operation Range (°F): 0 - 77 / (-4) - 60
 Heating Range w/Baffle (°F):

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Dimensional Drawing - Condensing Unit

REYQ312PBYD



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