

Project Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

### Performance

Outdoor Unit Model No: REYQ240PBYD  
 Type: Non-Ducted / Ducted  
 Rated Cooling Capacity (Btu/hr): 240000  
 Nom Cooling Capacity (Btu/hr): 240000  
 Cooling Input Power (kW): 23.76  
 SEER: N/A  
 IEER: 16.1/15.4  
 Rated Heating Capacity (Btu/hr): 257000  
 Nom Heating Capacity (Btu/hr): 270000  
 Heating Input Power (kW): 23.54  
 Heating COP (Btu/hr / Btu/hr): 3.33/3.2  
 HSPF: N/A  
 Heating COP 17F (Btu/hr / Btu/hr): 2.4/2.35

Condensing Unit Type: 20-Ton VRV-III Heat Recovery

Unit Combination: REMQ120PBYD REMQ120PBYD

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+20.5  
 Max. Overcurrent Protection (MOP)(A): 30+30  
 Max. Starting Current MSC(A): 78  
 Rated Load Amps RLA (A): (6.1+8.4) x 2  
 Dimensions Height (Inch): 66-1/8  
 Dimensions Width (Inch): 73-1/4  
 Dimensions Depth (Inch): 30-1/8  
 Net Weight (lbs): 573+573

Compressor Type: Inverter  
 Capacity Control Range (%): 6- 100  
 Capacity Index Limit: 120 - 312 (130%)  
 Airflow Rate (CFM): 7,060+7,060  
 Gas Pipe Connection (inch): 1-3/8  
 Liquid Pipe Connection (inch): 5/8  
 H/L Pressure Connection (inch): 1-1/8  
 H/L Equalizing Connection (inch): 3/4  
 Sound Pressure Level (dBA): 63  
 Sound Power Level (dBA): \_\_\_\_\_  
 Max. No. of Indoor Units: 41

### System Details

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

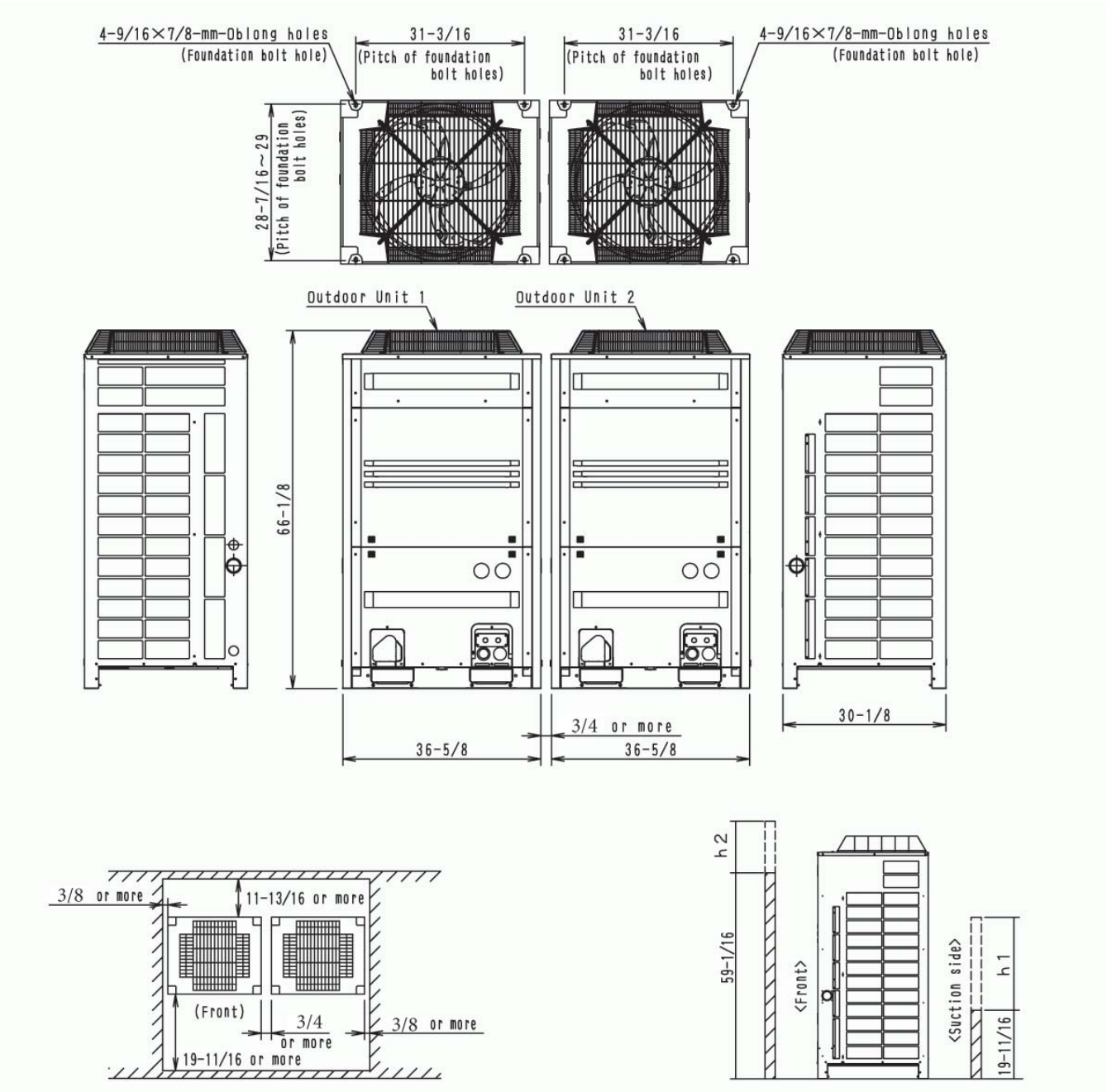
Cooling Operation Range (°F): 23 - 110  
 Cooling Range w/Baffle (°F): \_\_\_\_\_  
 Heating Operation Range (°F): 0 - 77 / (-4) - 60  
 Heating Range w/Baffle (°F): \_\_\_\_\_

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**Dimensional Drawing - Condensing Unit**

REYQ240PBYD



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**REYQ240PBYD**



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