

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

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

### Performance

*Outdoor Unit Model No:* RXYQ168PBYD  
*Type:* Non-Ducted / Ducted  
*Rated Cooling Capacity (Btu/hr):* 160000  
*Nom Cooling Capacity (Btu/hr):* 216000  
*Cooling Input Power (kW):* 13.22  
*SEER:* N/A  
*IEER:* 22.0/20.2  
*Rated Heating Capacity (Btu/hr):* 180000  
*Nom Heating Capacity (Btu/hr):* 243000  
*Heating Input Power (kW):* 14.26  
*Heating COP (Btu/hr / Btu/hr):* 3.95/3.70  
*HSPF:* N/A  
*Heating COP 17F (Btu/hr / Btu/hr):* 2.65/2.45

*Condensing Unit Type:* 14-Ton VRV-III Heat Pump  
*Unit Combination:* RXYQ96PBYD RXYQ72PBYD  
*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):* 21+16  
*Max. Overcurrent Protection (MOP)(A):* 25+20  
*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):* 85-1/2  
*Dimensions Depth (Inch):* 30-1/8  
*Net Weight (lbs):* 633+433

*Compressor Type:* Inverter  
*Capacity Control Range (%):* 9 - 100  
*Capacity Index Limit:* 84 - 218.4 (130%)  
*Airflow Rate (CFM):* 8,230+6,350  
*Gas Pipe Connection (inch):* 1-1/8  
*Liquid Pipe Connection (inch):* 5/8  
*H/L Pressure Connection (inch):*  
*H/L Equalizing Connection (inch):*  
*Sound Pressure Level (dBA):* 62  
*Sound Power Level (dBA):*  
*Max. No. of Indoor Units:* 29

### System Details

*Refrigerant Type:* R-410A  
*Holding Refrigerant Charge (lbs):* 21.4+16.5  
*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):*

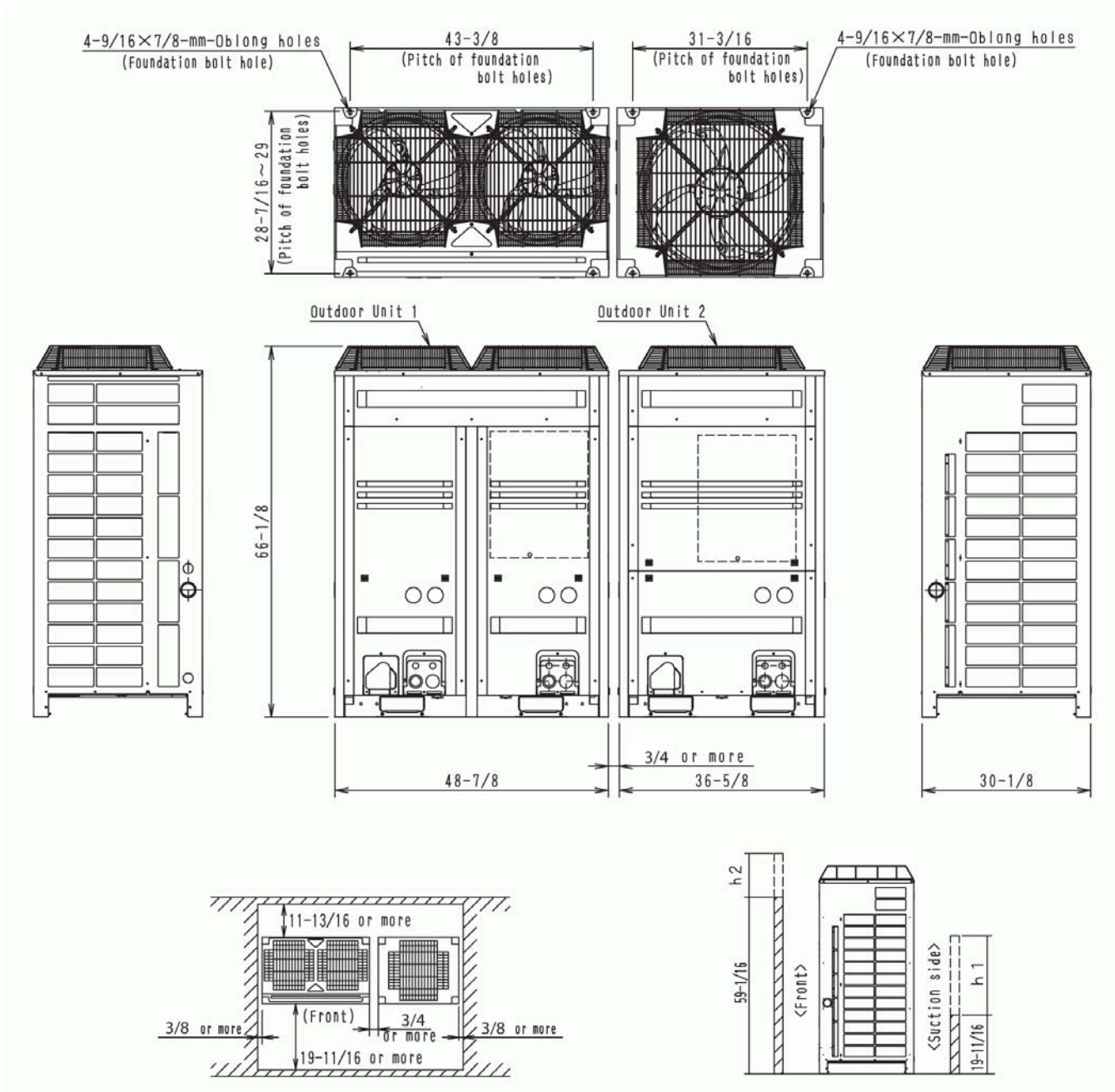
*Cooling Operation Range (°F):* 23 - 110  
*Cooling Range w/Baffle (°F):*  
*Heating Operation Range (°F):* 0 - 77 / (-4) - 60  
*Heating Range w/Baffle (°F):*

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

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

**Dimensional Drawing - Condensing Unit**

RXYQ168PBYD



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

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

**RXYQ168PBYD**



**RXYQ168PBYD**

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