

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

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

### Performance

Outdoor Unit Model No:	REYQ192PBYD
Type:	Non-Ducted / Ducted
Rated Cooling Capacity (Btu/hr):	184000
Nom Cooling Capacity (Btu/hr):	192000
Cooling Input Power (kW):	16.73
SEER:	N/A
IEER:	18.7/16.9
Rated Heating Capacity (Btu/hr):	206000
Nom Heating Capacity (Btu/hr):	216000
Heating Input Power (kW):	17.76
Heating COP (Btu/hr / Btu/hr):	3.4/3.4
HSPF:	N/A
Heating COP 17F (Btu/hr / Btu/hr):	2.5/2.3

Condensing Unit Type:	16-Ton VRV-III Heat Recovery
Unit Combination:	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):	20.3+20.3
Max. Overcurrent Protection (MOP)(A):	25+25
Max. Starting Current MSC(A):	77
Rated Load Amps RLA (A):	(3.9+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 (%):	7 - 100
Capacity Index Limit:	96 - 249.6 (130%)
Airflow Rate (CFM):	6,530+6,530
Gas Pipe Connection (inch):	1-1/8
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):	62
Sound Power Level (dBA):	
Max. No. of Indoor Units:	33

### System Details

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

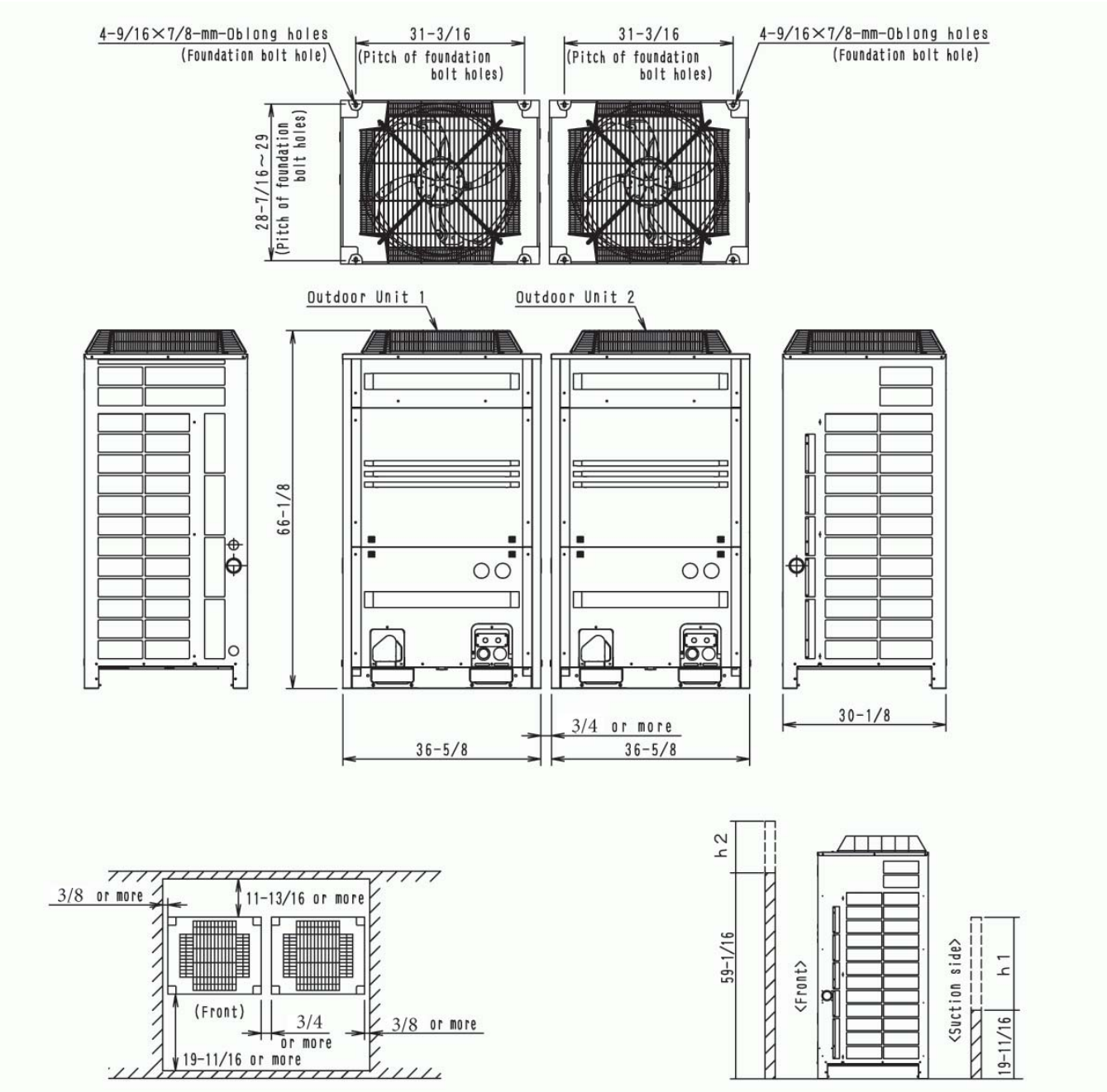
Cooling Operation Range (°F):	23 - 110
Cooling Range w/Baffle (°F):	
Heating Operation Range (°F):	0 - 77 / (-4) - 60
Heating Range w/Baffle (°F):	

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**Dimensional Drawing - Condensing Unit**

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**REYQ192PBYD**



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