

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

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

Performance

Outdoor Unit Model No:	REYQ96PBTJ
Type:	Non-Ducted / Ducted
Rated Cooling Capacity (Btu/hr):	92000
Nom Cooling Capacity (Btu/hr):	96000
Cooling Input Power (kW):	7.6
SEER:	N/A
IEER:	22.9/19.7
Rated Heating Capacity (Btu/hr):	103000
Nom Heating Capacity (Btu/hr):	108000
Heating Input Power (kW):	8.39
Heating COP (Btu/hr / Btu/hr):	3.7/3.6
HSPF:	N/A
Heating COP 17F (Btu/hr / Btu/hr):	2.7/2.65

Condensing Unit Type:	8-Ton VRV-III Heat Recovery
Unit Combination:	REYQ96PBTJ
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)	50 / 25
Rated Height Difference (ft)	0

Condensing Unit Details

Power Supply (V/Hz/Ph):	208-230/60/3ph
Power Supply Connections:	L1, L2, L3 Ground
Min. Circuit Amps MCA (A):	43.8
Max. Overcurrent Protection (MOP)(A):	45
Max. Starting Current MSC(A):	131
Rated Load Amps RLA (A):	8.4+14.0
Dimensions Height (Inch):	66-1/8
Dimensions Width (Inch):	51-3/16
Dimensions Depth (Inch):	30-1/8
Net Weight (lbs):	730

Compressor Type:	Inverter
Capacity Control Range (%):	14 - 100
Capacity Index Limit:	48 - 124.8 (130%)
Airflow Rate (CFM):	6700
Gas Pipe Connection (inch):	7/8
Liquid Pipe Connection (inch):	3/8
H/L Pressure Connection (inch):	3/4
H/L Equalizing Connection (inch):	N/A
Sound Pressure Level (dBA):	58
Sound Power Level (dBA):	
Max. No. of Indoor Units:	16

System Details

Refrigerant Type:	R-410A
Holding Refrigerant Charge (lbs):	23.4
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):	

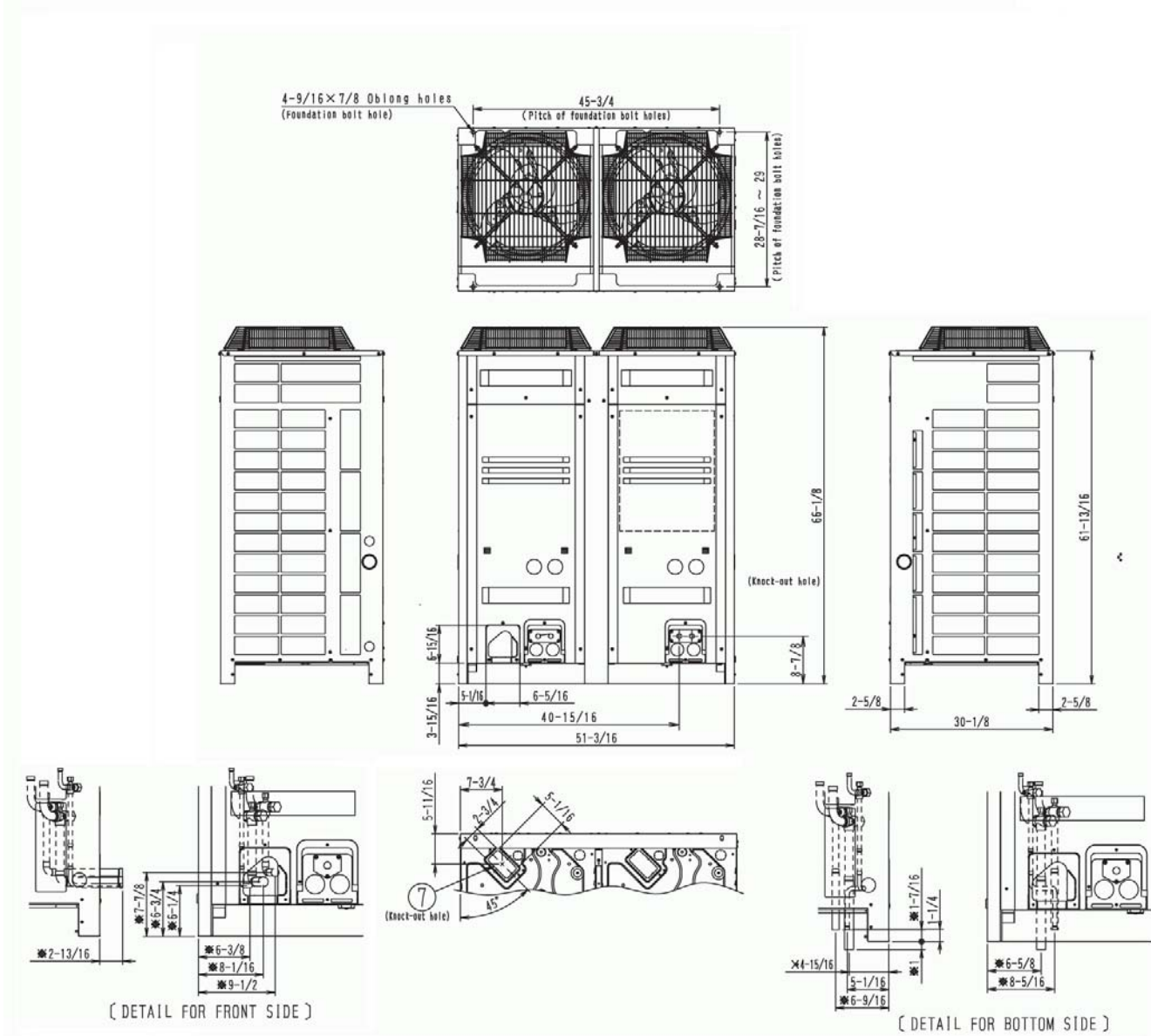
Cooling Operation Range (°F):	23 - 110
Cooling Range w/Baffle (°F):	
Heating Operation Range (°F):	0 - 77 / (-4) - 60
Heating Range w/Baffle (°F):	

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Dimensional Drawing - Condensing Unit

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