DAIKIN AC
absolute comfort

Submittal Data Sheet

Project Name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Performance

Indoor Unit Model No:	Ducted	Indoor Unit Type:	
Outdoor Unit Model No:	RXYQ144PATJ	Condensing Unit Type:	12-Ton VRV-III Heat Pump
Cooling Capacity (Btu/hr):	138000	*Cooling Nominal Conditions*	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB Water Cooled:
Sensible Capacity (Btu/hr):	0		
Cooling Input Power (kW):			
Cooling EER (Btu/hr / kW):	12.2	*Heating Nominal Conditions*	Indoor: 47°F DB/43°F WB Outdoor: 47°F DB/43°F WB Water Cooled:
SEER:	N/A		
Heating Capacity (Btu/hr):	154000		
Heating Input Power (kW):		*Nominal Piping Length*	25
Heating COP (Btu/hr / Btu/hr):	3.4	*Nominal Height Separation*	0
HSPF:	N/A	*Nominal Water Flow Rate*	

Indoor Unit Details

Power Supply (V/Hz/Ph:)	N/A	*Airflow Rate (CFM wet coil)*	N/A
Power Supply Connections:		*Moisture Removal (pt/h):*	
Min. Circuit Amps MCA (A):		*Gas Pipe Connection (inch):*	
Max. Fusible Amps MFA (A):		*Liquid Pipe Connection (inch):*	
Dimensions (HxWxD):	N/A	*Condensate Connection (inch):*	
Panel (HxWxD):	N/A	*Sound Pressure Level (dBA):*	
Net Weight (lbs):		*Sound Power Level (dBA):*	
Weight with Panel (lbs):		*Nominal External Static Pressure (inH2O)*	
		Max Ext Static Pressure (inH2O)	

Condensing Unit Details

Power Supply (V/Hz/Ph):	208-230/60/3ph	*Airflow Rate (CFM):*	6,530+6,530
Power Supply Connections:	L1, L2, L3 Ground	*Gas Pipe Connection (inch):*	1-1/8
Min. Circuit Amps MCA (A):	36.1+36.1	*Liquid Pipe Connection (inch):*	1/2
Max. Fusible Amps MFA (A):	40 + 40	*H/L Pressure Connection (inch):*	
Max. Starting Current MSC(A):	137	*H/L Equalizing Connection (inch):*	
Rated Load Amps RLA (A):	14.2+14.2	*Water Inlet Connection (inch FPT):*	
Total Overcurrent Amps (A):	54.5 + 54.5	*Water Outlet Connection (inch FPT):*	
Dimensions (HxWxD):	66-1/8x75-1/2x30-1/8	*Condensate Drain Outlet (inch FPS):*	
Net Weight (lbs):	560 + 560	*Sound Pressure Level (dBA):*	61
Compressor Type:	Inverter	*Sound Power Level (dBA):*	
Capacity Control Range (%):	10 - 100	*Unit Heat Rejection (kW):*	
Capacity Index Limit:	86.4 - 187 (130%)	*Max. No. of Indoor Units:*	25

System Details

Refrigerant Type:	R-410A	*Cooling Operation Range (°F):*	23 - 110
Holding Refrigerant Charge (lbs):	18.1+18.1	*Cooling Range w/Baffle (°F):*	
Additional Charge (oz/ft):	install data	*Heating Operation Range (°F):*	0 - 77 / -4 - 60
Pre-charge Piping (Length ft):	-	*Heating Range w/Baffle (°F):*	
Max. Pipe Length (Total ft):	540 ft	*Cooling Inlet Water Temp (°F):*	
Max. Pipe Length (Vertical ft):	164 ft (295 ft) / 295 ft	*Heating Inlet Water Temp (°F):*	
		Water Flow Range (GPM):	

DAIKIN AC
absolute comfort

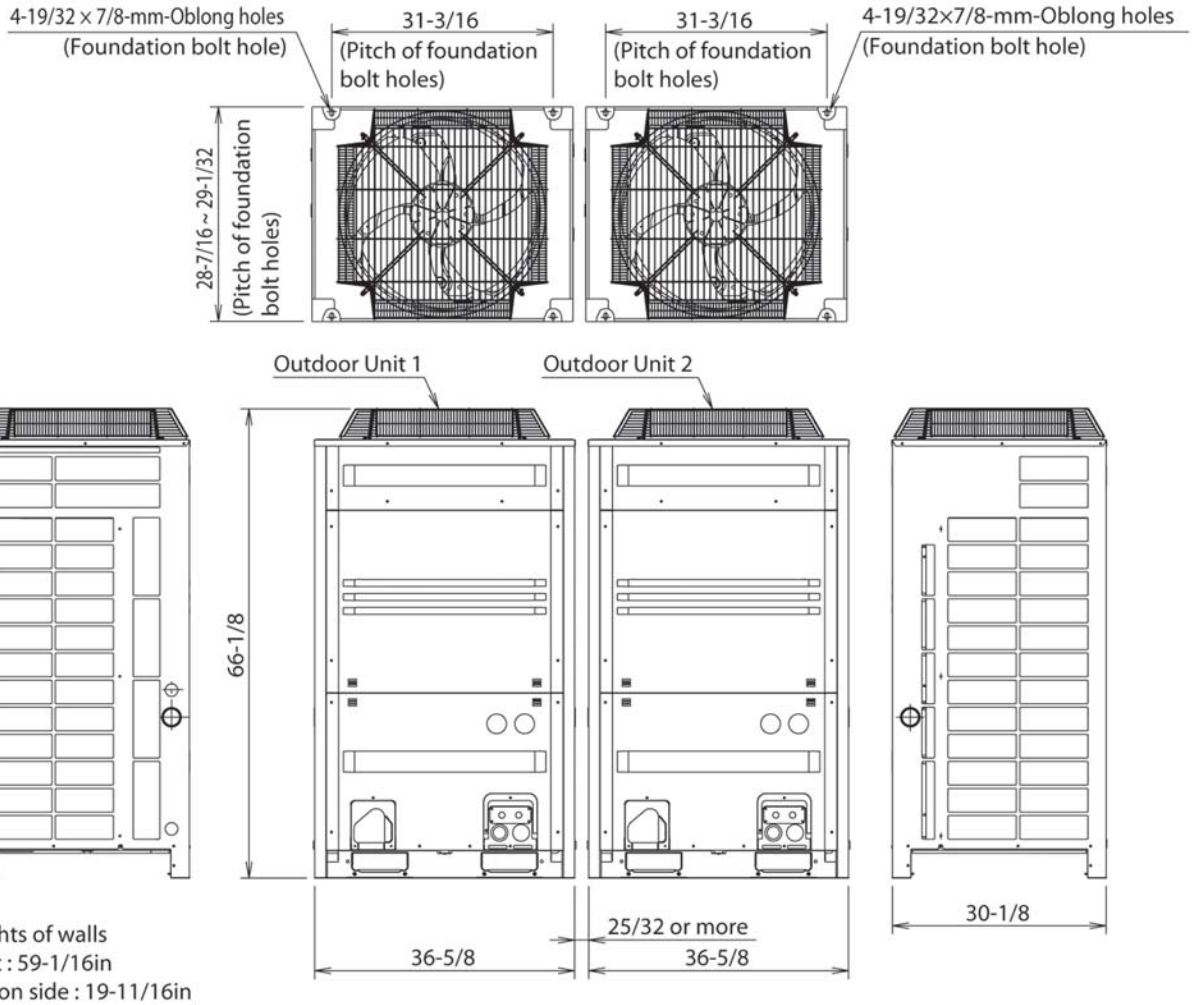
Submittal Data Sheet

Project Name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Submittal Data Sheet

Project Name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Dimensional Drawing - Condensing Unit



Notes :

1. Heights of walls
   Front : 59-1/16in
   Suction side : 19-11/16in
   Side : Height unrestricted
   The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 95°F.
   The installation space of suction side shown above must be expanded in the following case.
   · Design outdoor temperature becomes over 95°F.
   · Operating over Max. operating load (In case of causing a heavy heating load at indoor unit side)
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the following figure.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a parson to pass between units and wall and for the air to circulate freely.
   (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

Submittal Data Sheet

Project Name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Notes

Requires Multi Connection Pipe Kit (BHFP22P100U), Std U.S. Warranty: 6yrs Compressor, 1yrs Parts, 1yr Limited Labor