

Submittal Data Sheet

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

Performance

Outdoor Unit Model No:	RXYQ216PBYD
Туре:	Non-Ducted / Ducted
Rated Cooling Capacity (Btu/hr):	206000
Nom Cooling Capacity (Btu/hr):	264000
Cooling Input Power (kW):	17.61
SEER:	N/A
IEER:	19.2/19.5
Rated Heating Capacity (Btu/hr):	231000
Nom Heating Capacity (Btu/hr):	297000
Heating Input Power (kW):	18.81
Heating COP (Btu/hr / Btu/hr):	3.8/3.60
HSPF:	N/A
Heating COP 17F (Btu/hr / Btu/hr):	2.6/2.45

Condensing Unit Type:	18-Ton VRV-III Heat Pump
Unit Combination:	RXYQ120PBYD RXYQ96PBYD
	Indoor: 80°F DB/67°F WB
Rated Cooling Conditions	Outdoor: 95°F DB/75°F WB
	Indoor: 70°F DB/60°F WB
Rated Heating Conditions	Outdoor: 47°F DB/43°F WB
Rated Piping Length (ft)	100 / 50
Rated Height Difference (i	<i>ft</i>) 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+21
Max. Overcurrent Protection (MOP)(A	A): 25+25
Max. Starting Current MSC(A):	77
Rated Load Amps RLA (A):	(5.4+8.4)+(3.9+8.4)
Dimensions Height (Inch):	66-1/8
Dimensions Width (Inch):	97-3/4
Dimensions Depth (Inch):	30-1/8
Net Weight (lbs):	633+633

Compressor Type:	Inverter
Capacity Control Range (%):	7 - 100
Capacity Index Limit:	108 - 280.8 (130%)
Airflow Rate (CFM):	8,230+8,230
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):	63
Sound Power Level (dBA):	
Max. No. of Indoor Units:	37

System Details

Refrigerant Type:	R-410A
Holding Refrigerant Charge (lbs):	22.1+21.4
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 Seperation (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

Daikin AC TRL Generated Submittal Data

43-3/8 4-9/16×7/8-mm-Oblong holes 4-9/16×7/8-mm-Oblong holes 43-3/8 (Foundation bolt hole) (Pitch of foundation (Pitch of foundation (Foundation bolt hole) bolt holes) bolt holes) (Pitch of foundation bolt holes) $28 - 7/16 \sim 29$ Outdoor Unit 2 Outdoor Unit 66-1/8 Φ Ċ Ø 00 00 00 00 T 0 0 6.0 **6**0 0 00 6 O 3/4 or more 48-7/8 48-7/8 30-1/8 2 5 11-13/16 or more 59-1/16 <Suction side> Ļ <Front> (Front) 2 9-11/16 3/8 or more 3/8 or more 1111

Daikin AC (Americas), Inc., 1645 Wallace Drive - Suite 110, Carrollton, TX 75006

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Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
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RXYQ216PBYD

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

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(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)