Model: 18-TON PQRY-P216YLMU-A

Job Name:	
System Reference:	Date:



MODULAR WATER-SOURCE VRF HEAT PUMP SYSTEM

ACCESSORIES

Joint Kit ..... For details see Pipe Accessories Submittal
BC Controller ..... For details see BC Controller Submittal

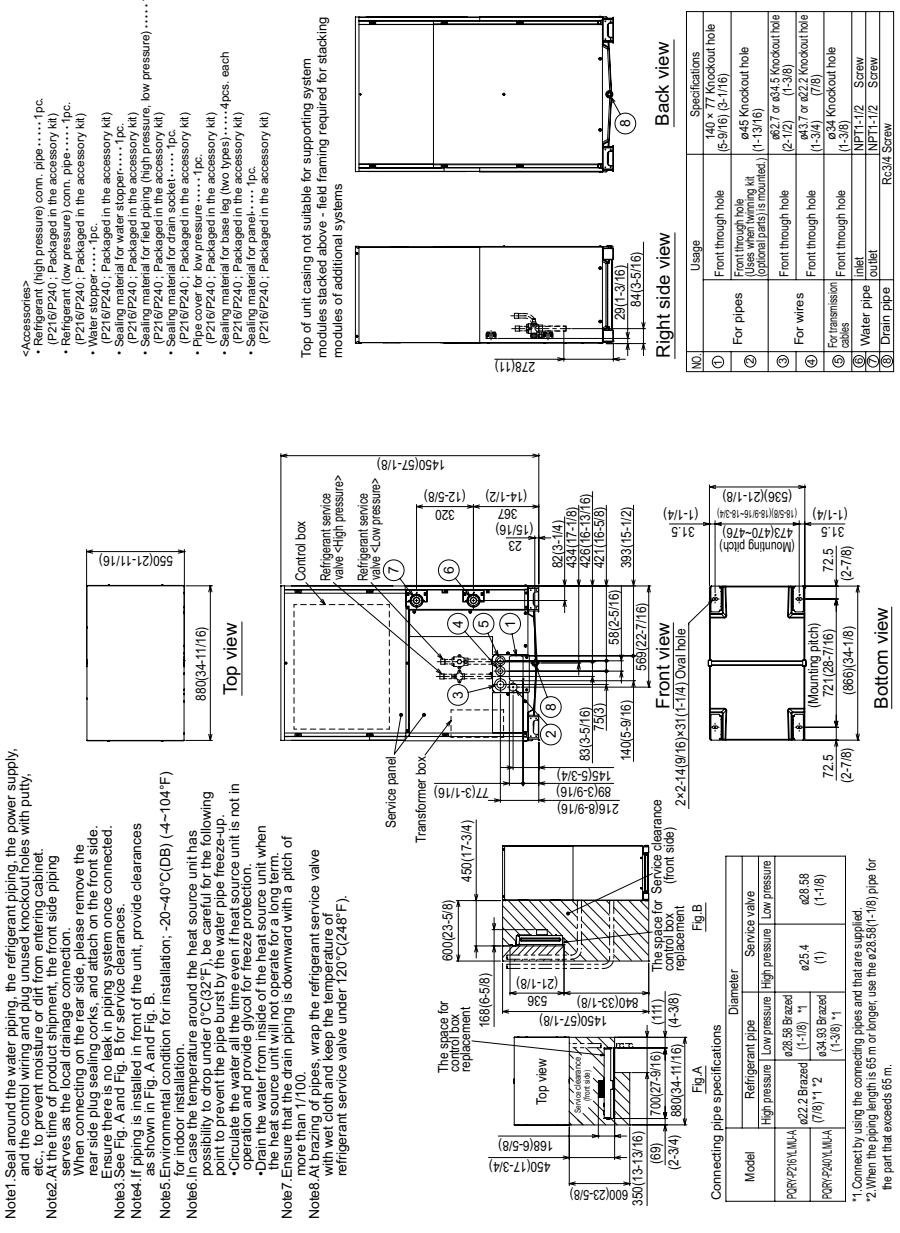
Specifications		Model Name
Unit Type		PQRY-P216YLMU-A
Nominal Cooling Capacity (460V)	Btu/h	216,000
Nominal Heating Capacity 460V)	Btu/h	243,000
Operating Temperature Range	Cooling (Indoor)	59~75° F 15~24° C) WB
	Heating (Indoor)	59~81° F (15~27° C) DB
Operating Water Temperature Range	Cooling	50~113° F (10~45° C)
	Heating	50~113° F (10~45° C)
External Dimensions (H x W x D)	In. (mm)	57-1/8 x 34-11/16 x 21-11/16 (1450 x 880 x 550)
Net Weight	Lbs. (kg)	571 (259)
External Finish		Galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	460V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	31
Maximum Overcurrent Protection (MOP)	A	50
Circulating Water (quality must meet regulations)		
Flow Rate	GPM / L/s	50.7 / 3.2
Pressure Drop	FT / psi	15.1 / 6.53
Operation Volume Range	GPM / L/m	26.4 - 63.4 / 100 - 240
Maximum Water Pressure	MPa / psi	2 / 290
Water-source Connection for Inlet and Outlet	In.	1-1/2 NPT
Piping Diameter (Brazed) (In. / mm)	High Pressure (Liquid)	7/8 / 22.20
	Low Pressure (Gas)	1-1/8 / 28.6
Max. Total Refrigerant Line Length	Ft.	2,460
Max. Refrigerant Line Length (Between ODU & IDU)	Ft.	541
Max. Control Wiring Length	Ft.	1,640
Indoor Unit	Total Capacity	50~150
	Model / Quantity	P6~P96/2~50
Sound Pressure Levels	dB(A)	58
Compressor Operating Range		13% - 100%
Compressor Type x Quantity		Inverter scroll hermetic compressor x 1
Refrigerant		R410A x 25 lbs. + 13 oz. (11.7 kg)
Protection Devices	High Pressure	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter Circuit	Over-heat protection, Over-current protection
	Compressor	Over-heat protection
AHRI Ratings (Ducted/Non-Ducted)	EER	11.2 / 10.9
	IEER	19 / 21.2
	COP	4.75 / 5.23
	SCHE	19.7 / 19.7

Specifications are subject to change without notice.

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Model:PQRY-P216YLMU-A- DIMENSIONS

Unit : mm(in)



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FORM# PQRY-P216YLMU-A-201708

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