Model: 6-TON PQHY-P72TLMU-A

Job Name:	
System Reference:	Date:



MODULAR WATER-SOURCE VRF HEAT PUMP SYSTEM

ACCESSORIES

Joint Kit ..... For details see Pipe Accessories Submittal
Header Kit ..... For details see Pipe Accessories Submittal

Specifications		Model Name
Unit Type		PQHY-P72TLMU-A
Nominal Cooling Capacity (208/230V)	Btu/h	72,000
Nominal Heating Capacity 208/230V)	Btu/h	80,000
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)	43-5/16 x 34-11/16 x 21-11/16 (1100 x 880 x 550)
Net Weight	Lbs. (kg)	384 (174)
External Finish		Galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	208 / 230V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	13 / 12
Maximum Overcurrent Protection (MOP)	A	20
Circulating Water (quality must meet regulations)		
Flow Rate	GPM / L/s	25.4 / 1.6
Pressure Drop	FT / psi	8.0 / 3.48
Operation Volume Range	GPM / L/m	13.2 - 31.7 / 50 - 120
Maximum Water Pressure	MPa / psi	2 / 290
Water-source Connection for Inlet and Outlet	In.	1-1/2 NPT
Piping Diameter (Brazed) (In. / mm)	Liquid (High Pressure)	3/8 / 9.52
	Gas (Low Pressure)	3/4 / 19.05
Max. Total Refrigerant Line Length	Ft.	984
Max. Refrigerant Line Length (Between ODU & IDU)	Ft.	541
Max. Control Wiring Length	Ft.	1,640
Indoor Unit	Total Capacity	50~130
	Model / Quantity	P6~P96/1~15
Sound Pressure Levels	dB(A)	46
Compressor Operating Range		24% - 100%
Compressor Type x Quantity		Inverter scroll hermetic compressor x 1
Refrigerant		R410A x 11 lbs. + 1 oz. (5.0 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	17.4 / 20.7
	IEER	24.2 / 28.1
	COP	5.62 / 6.15

NOTES:

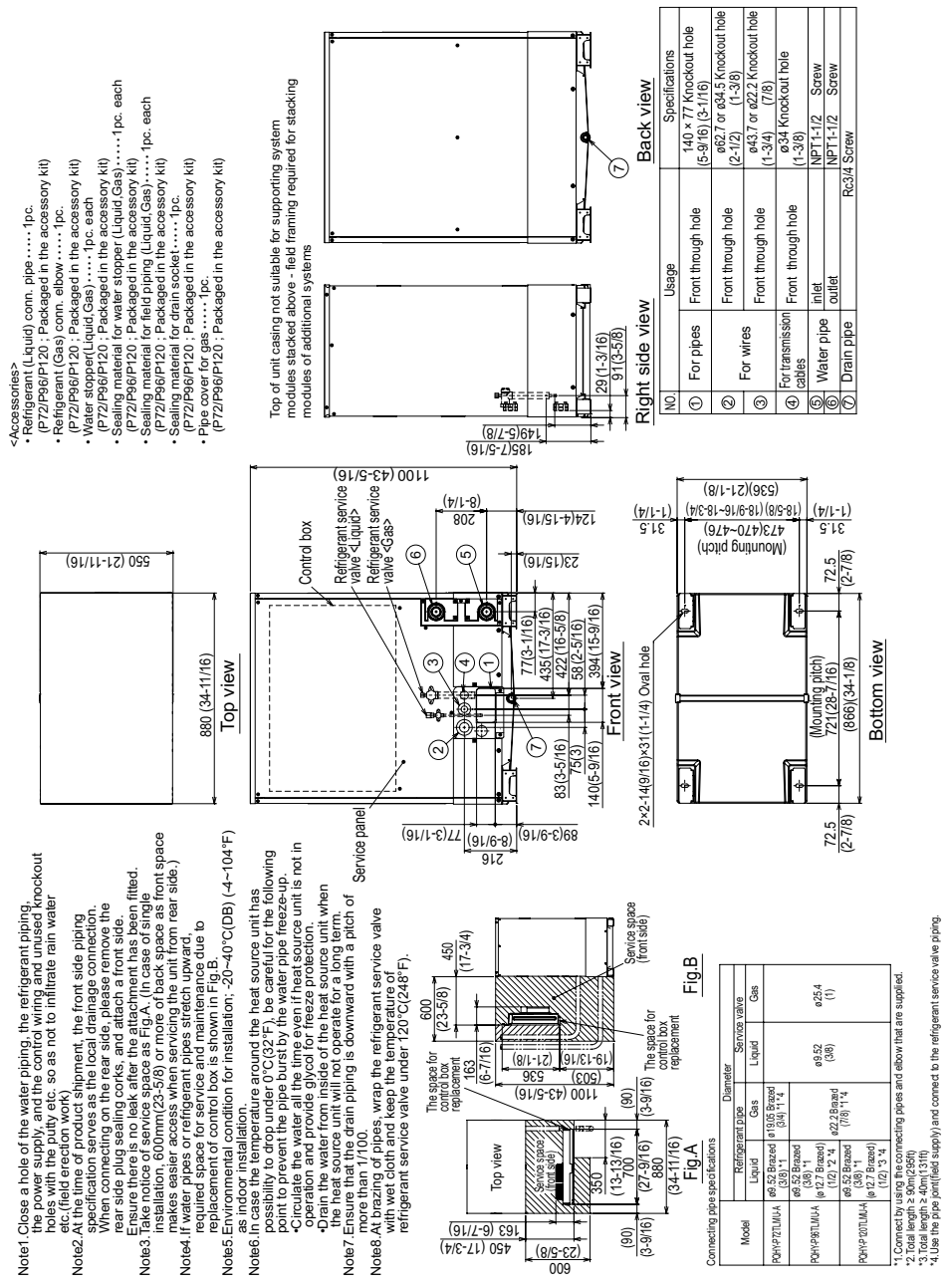
*If using circulating water temperatures between 23° and 50° F, Dip switch 3-9 must be turned on and glycol must be added to the water loop to prevent freezing down to 5° F.

Specifications are subject to change without notice.

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Model:PQHY-P72TLMU-A- DIMENSIONS

Unit : mm(in)



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FORM# PQHY-P72TLMU-A-20160224

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