Model: 8-TON PQRY-P96YLMU-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-P96YLMU-A
Nominal Cooling Capacity (460V)	Btu/h	96,000
Nominal Heating Capacity 460V)	Btu/h	108,000
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)	404 (183)
External Finish		Galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	460V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	9
Maximum Overcurrent Protection (MOP)	A	15
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)	High Pressure (Liquid)	3/4 / 19.05
	Low Pressure (Gas)	7/8 / 22.2
Max. Total Refrigerant Line Length	Ft.	1,804
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~P96/1~24
Sound Pressure Levels	dB(A)	48
Compressor Operating Range		18% - 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	15.2 / 18.7
	IEER	25 / 30.4
	COP	5.77 / 5.93
	SCHE	19.7 / 23.5

NOTES:

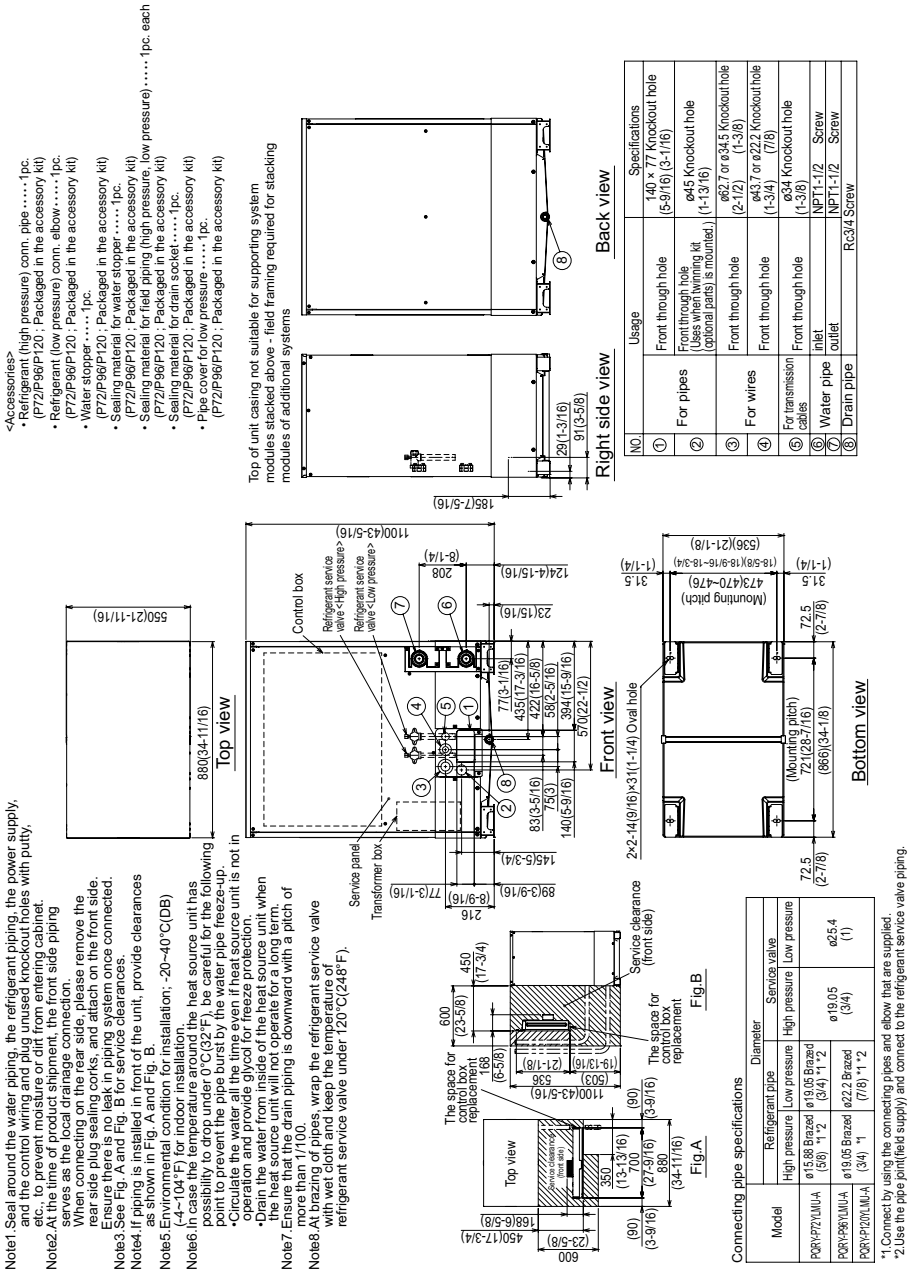
*If using circulating water temperatures between 23° and 50° F, Dip switch 3-9 must be turned on and glycol must be added to the water loop to prevent freezing down to 5° F.

Specifications are subject to change without notice.

© 2016 Mitsubishi Electric US, Inc.

Model:PQRY-P96YLMU-A- DIMENSIONS

Unit : mm(in)



MITSUBISHI ELECTRIC
COOLING & HEATING

1340 Satellite Boulevard. Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com

AHRI CERTIFIED www.ahridirectory.org Variable Refrigerant Flow (VRF) Multi-Split AC and HP AHRI Standard 1230

C ETL LISTED US Intertek

FORM# PQRY-P96YLMU-A-20160224

Specifications are subject to change without notice.

© 2016 Mitsubishi Electric US, Inc.