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

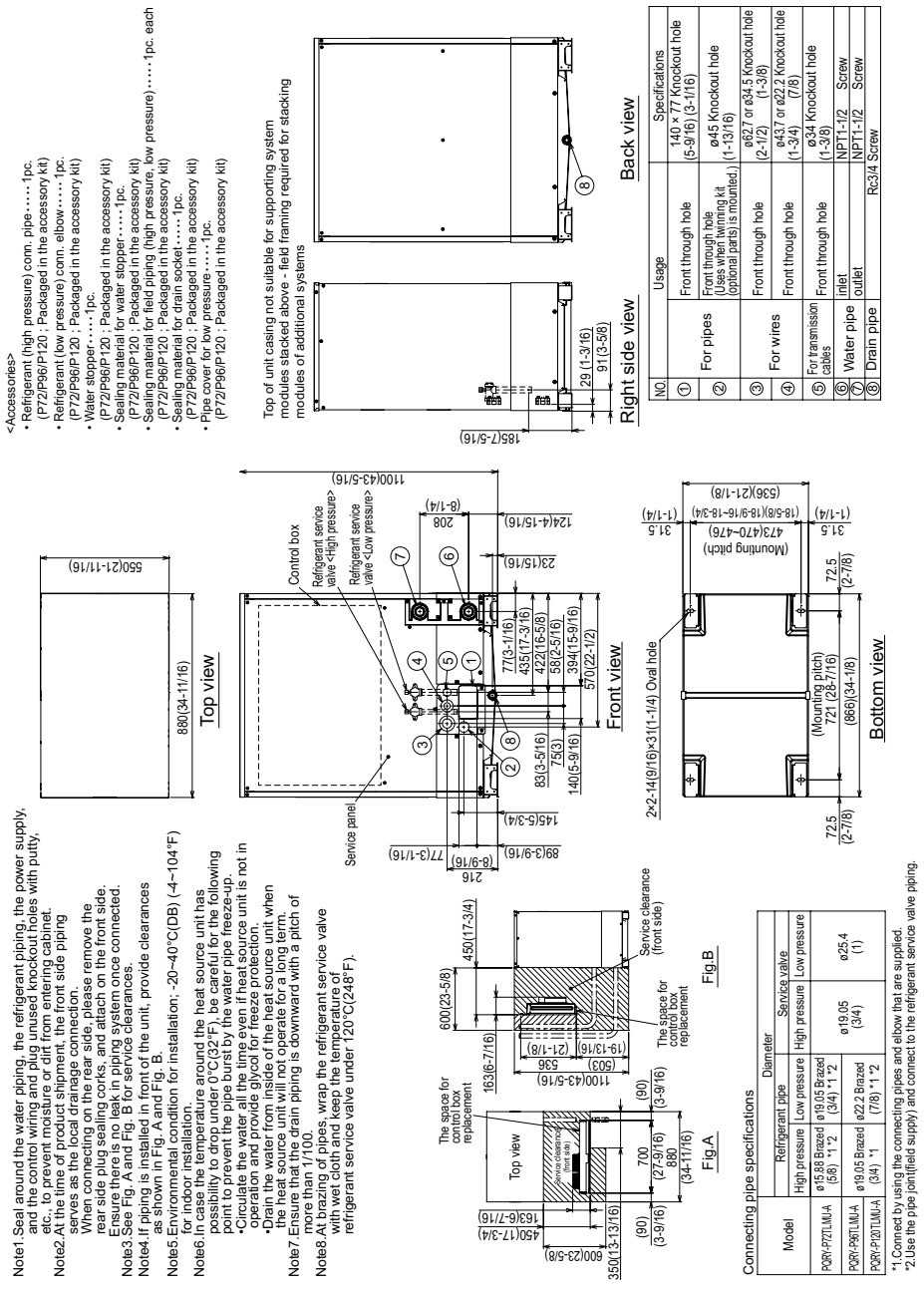
Specifications		Model Name
Unit Type		PQRY-P120TLMU-A
Nominal Cooling Capacity (208/230V)	Btu/h	120,000
Nominal Heating Capacity 208/230V)	Btu/h	135,000
Operating Temperature Range	Cooling (Indoor)	59~75° F 15~24° C) WB
	Heating (Indoor)	59~81° F (15~27° C) DB
Operating Water Temperature Range	Cooling	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)	380 (172)
External Finish		Galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	208 / 230V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	29 / 26
Maximum Overcurrent Protection (MOP)	A	50/45
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.	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~P96/1~30
Sound Pressure Levels	dB(A)	54
Compressor Operating Range		14% - 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	13.4 / 15.6
	IEER	23.2 / 29
	COP	5.51 / 5.6
	SCHE	19.7 / 19.7

Specifications are subject to change without notice.

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Model:PQRY-P120TLMU-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

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FORM# PQRY-P120TLMU-A-20170224

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