CITY MULTI

Model: 10-Ton PQRY-P120TLMU-A1

MITSUBISHI ELECTRIC
Changes for the Better

Job Name:

Schedule Reference: | Date:

VRF HEAT PUMP WITH HEAT RECOVERY SYSTEM

UNIT OPTION

☐ Standard Model PQRY-P120TLMU-A1

ACCESSORIES

- ☐ BC Controller CMB-P104,106,108,1012,1016NU-J1
- ☐ BC Controller Main CMB-P108,1012,1016NU-JA1, CMB-P1016NU-KA1
- ☐ BC Controller Sub CMB-P104,108NU-KB1
- ☐ Joint Adapter (Port Connector > 54,0000 Btu//h).....CMY-R160-J1
- ☐ Branch Joint (Downstream capacity ≤72,000 Btu/h)..... CMY-Y102SS-G2
- ☐ Branch Joint (Downstream capacity 73,000-96,000 Btu/h)..... CMY-Y102LS-G2
- ☐ T-Branch Joint (145,000 - 234,000 Btu/h) CMY-Y202S-G2
- ☐ Branch Joint (Downstream capacity ≤126,000 Btu/h) CMY-R201S-G
- ☐ Branch Joint (Downstream capacity 127,000-216,000 Btu/h).....CMY-R202S-G
- ☐ Reducer (Between ODU and BC).....CMY-R301S-G
- ☐ Reducer (Between ODU and BC) CMY-R302S-G1
- ☐ Reducer (Between Main and Sub BC).....CMY-R303S-G1
- ☐ Reducer (Between Main and Sub BC)..... CMY-R304S-G1
- ☐ Reducer (Between Main and Sub BC)..... CMY-R305S-G1
- ☐ Reducer (Between Main and Sub BC)..... CMY-R306S-G

Specifications		Model Name
Unit Type		**PQRY-P120TLMU-A1**
Nominal Cooling Capacity	**Btu/h**	120,000
Nominal Heating Capacity	**Btu/h**	135,000
External Dimensions (H x W x D)	**In. / mm**	43-5/16 x 34-11/16 x 21-11/16 / 1,100 x 880 x 550
Net Weight	**Lbs. / kg**	380/ 172
Electrical Power Requirements	**Voltage, Phase, Hertz**	208/230V, 3-phase, 60Hz
Cooling Power Input	**kW**	7.24
Heating Power Input	**kW**	6.83
Cooling Current (208/230V)	**A**	22.3 / 20.1
Heating Current (208/230V)	**A**	21.0 / 19.0
Minimum Circuit Ampacity (MCA) *	**A**	29 / 26
Maximum Fuse Size	**A**	50 / 45
Circulating Water (quality must meet regulations)		
Flow Rate	**GPM / L/s**	25 / 1.5
Pressure Drop	**psi**	3.48
Operation Volume Range	**GPM / L/s**	13 - 32 / 1 - 2
Maximum Water Pressure	**MPa / psi**	2 / 290
Water-source Connections (Each for Inlet and Outlet)	**In.**	NPT1-1/2 Screw (Install strainer (more than 50 meshes) at water inlet piping of the unit)
Piping Diameter (Brazed) (In. / mm)	**Liquid (High Pressure)**	3/4 / 19.05
	Gas (Low Pressure)	7/8 / 22.2
Indoor Unit	**Total Capacity**	50 to 150% of Water-source Unit Capacity
	Model / Quantity	P06 to P96 / 1 to 30
Sound Pressure Levels	**dB(A)**	54
Compressor Operating Range		14 - 100%
Compressor Type x Quantity		Inverter-driven Scroll Hermetic x 1
Compressor Motor Output	**kW**	7.7
Compressor Crankcase Heater	**kW**	-
Refrigerant		R410A
Lubricant		MEL32
High-pressure Protection Device		601 psi / 4.15 MPa
Compressor / Fan Protection Device		Overheat Protection
Inverter Protection Device		Overheat / Overcurrent Protection

* All electrical work shall comply with National (CEC) and local codes and regulations.

Notes:

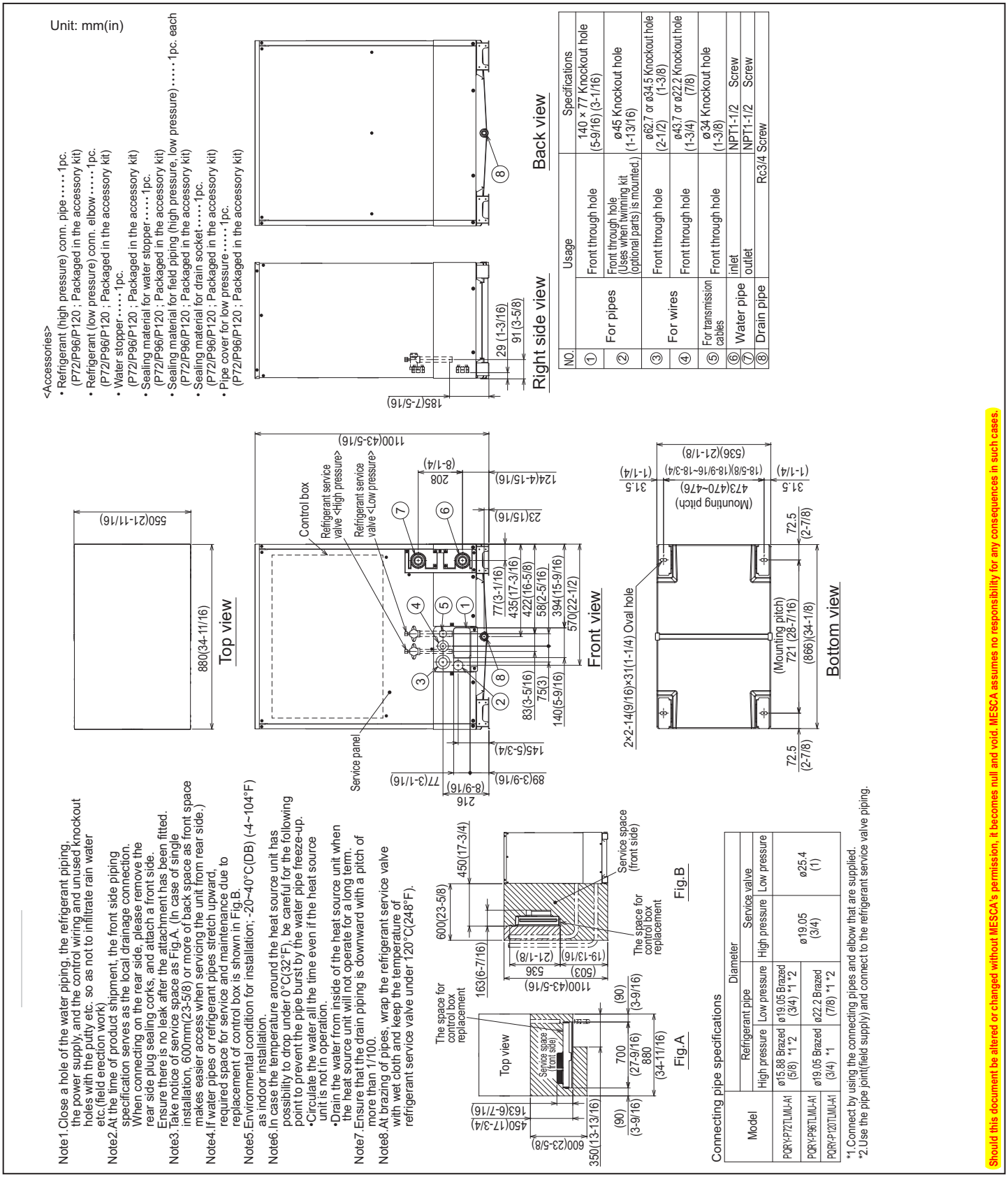
Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

Specifications are subject to change without notice.

R-410A OZONE-FRIENDLY REFRIGERANT

MITSUBISHI ELECTRIC thinks green

Module: PQRY-P120TLMU-A1 - DIMENSIONS



Intertek

Form # SB_PQRY-P120TLMU-A1_202009
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