

Job Name:	Location:
Schedule Reference:	Submitted By:
Submitted To:	Reference: Approval: Construction:
Engineer:	Date: Application:
  Standard Model Seacoast (-BS) Model	• Snow/Wind Guards - (See separate submittal)

Specifications:

Indoor Model				Non-Ducted		Ducted	
Power source				3-phase 3-wire 575V ±10% 60 Hz			
Cooling capacity			*1	BTU/h		240,000	
(Nominal)				kW		70.3	
(575)				kW		19.62	
(Rated)				A		21.8	
(575)				BTU/h		230,000	
(575)				kW		67.4	
(575)				kW		23.28	
(575)				A		25.9	
Temp. range of cooling			Indoor	W.B.		59 ~ 75°F (15 ~ 24°C)	
			Outdoor	D.B.		23 ~ 115°F (-5 ~ 46°C)	
Heating capacity			*2	BTU/h		270,000	
(Nominal)				kW		79.1	
(575)				kW		23.55	
(Rated)				A		26.2	
(575)				BTU/h		258,000	
(575)				kW		75.6	
(575)				kW		22.14	
(575)				A		24.7	
Temp. range of heating			Indoor	D.B.		59 ~ 81°F (15 ~ 27°C)	
			Outdoor	W.B.		- 4 ~ 60°F (-20 ~ 15.5°C)	
Indoor unit connectable			Total capacity		50 ~ 150% of outdoor unit capacity		
			Model / Quantity		P04 ~ P96 / 2 ~ 50		
Sound power level			(measured in anechoic room)		dB <A>		
					86.0		
Refrigerant			High pressure		1-1/8 (28.58) Brazed		
piping diameter			Low pressure		1-3/8 (34.93) Brazed		
AHRI Ratings			EER		9.90/9.70		
(Ducted / Non-Ducted)			IEER		15.70/13.80		
			COP @ 47F - COP @ 17F		3.33/3.21- 2.05/2.14		
			SCHE		27.90/23.3		

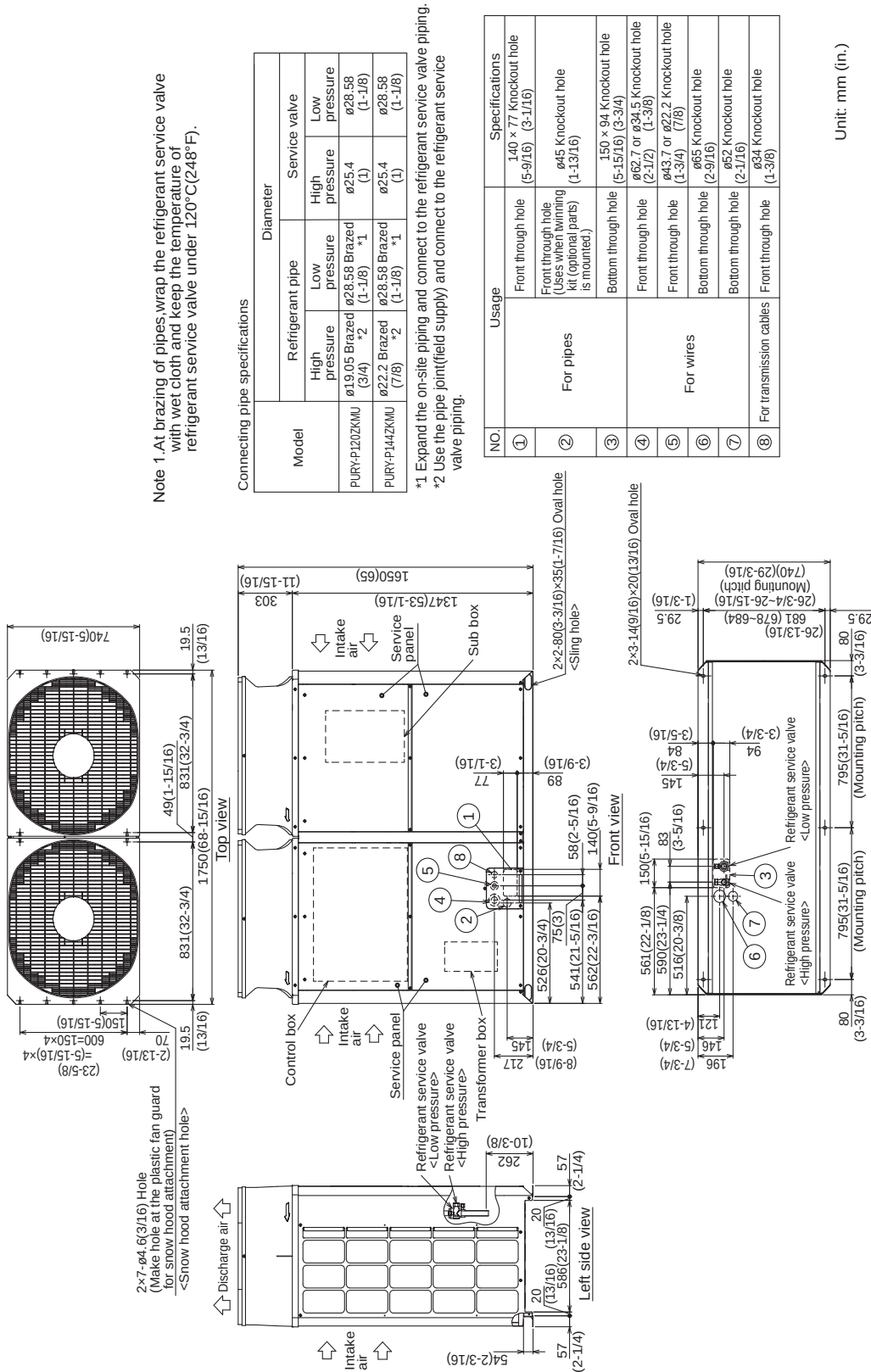
Set Model		PURY-P120KMU-B (-BS)		PURY-P120ZKMU-B (-BS)	
Minimum Circuit Ampacity		21		21	
Maximum Overcurrent Protection		30		30	
Fan		Propeller fan x2		Propeller fan x2	
Airflow rate		11,300		11,300	
		320		320	
		5,330		5,330	
Control, Driving mechanism		Inverter-control, Brushless DC motor		Inverter-control, Brushless DC motor	
Motor output		0.92+0.92		0.92+0.92	
External static press.		0 in.WG (0 Pa)		0 in.WG (0 Pa)	
Compressor		Inverter scroll hermetic compressor x1		Inverter scroll hermetic compressor x1	
Starting method		Inverter		Inverter	
Motor output		8.2		8.2	
Case heater		0.045		0.045	
Lubricant		MEL32		MEL32	
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type)		Pre-coated galvanized steel sheet (+powder coating for -BS type)	
External dimension H x W x D		65 x 68-15/16 x 29-3/16 (1650 x 1,750 x 740)		65 x 68-15/16 x 29-3/16 (1650 x 1,750 x 740)	
Protection devices		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Compressor		-		-	
Fan Motor		-		-	
Refrigerant		R410A x 26 lbs + 1 oz (11.8 kg)		R410A x 26 lbs + 1 oz (11.8 kg)	
Control		Indoor LEV and BC Controller		Indoor LEV and BC Controller	
Net weight		770 (349)		770 (349)	
Heat Exchanger		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Change)		-		-	
Pipe between unit and distributor		3/4 (19.05) Braze		3/4 (19.05) Braze	
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle)		Auto-defrost mode (Reversed refrigerant cycle)	
Optional parts		Outdoor Twinning kit: CMY-R100XLCBK		Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1, CMY-R201, 202, 203, 204, 306S-G, CMY-R302, 303, 304, 305S-G1	
		Main BC controller: CMB-P108, 1012, 1016NU-JA2, CMB-P1016NU-KA2		Sub BC controller: CMB-P104, 108NU-KB2	
Compressor Operating Range		28.4 to 100%		28.4 to 100%	

Notes:

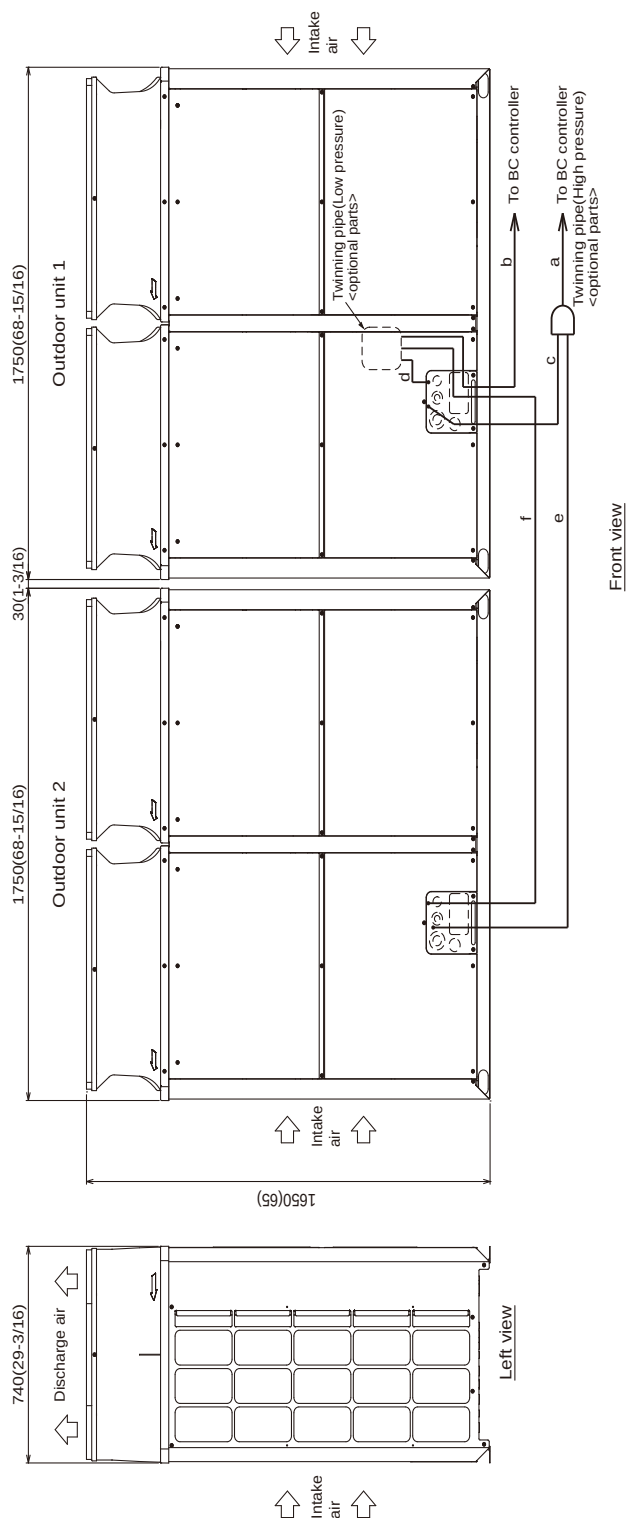
- Nominal Cooling conditions (Test conditions are based on AHRI 1230) Indoor: 80°FDB./67°FWB. (26.7°CDB./19.4°CWB.), Outdoor: 95°FDB. (35°CDB.)
- Nominal Heating conditions (Test conditions are based on AHRI 1230) Indoor: 70°FDB. (21.1°CDB.), Outdoor: 47°FDB./43°FWB. (8.3°CDB./6.1°CWB.)
- External static pressure option is available (0.12 in.WG, 0.24 in.WG, 30 Pa, 60 Pa).
- All electrical work shall comply with National (CEC) and local codes and regulations.
- Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved components and accessories for proper functioning of the unit(s).
- Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved Snow Guard / Wind Deflectors / Windscreens and accessories for proper functioning of the unit(s).
- Use of non-MESCA supported Snow Guard / Wind Deflectors / Windscreens and accessories will affect warranty coverage.
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MESCA assumes no responsibility for any consequences in such cases.

Outdoor Unit Outline and Dimensions:



Outdoor Unit Outline and Dimensions:



	P240		P254		P258	
	Unit model	P120	P144	P120	P144	P144
Component unit model						
High pressure	c ø19.05(3/4")	e ø19.05(3/4")	c ø22.2(7/8")	e ø19.05(3/4")	c ø22.2(7/8")	e ø22.2(7/8")
Low pressure	d ø19.05(3/4")	e ø19.05(3/4")	c ø22.2(7/8")	e ø19.05(3/4")	c ø22.2(7/8")	e ø22.2(7/8")

Twisting pipe connection size					
Component unit name	Package unit name	PURYP24ZSMU-B(8S)	PURYP24ZSMU-B(8S)	PURYP24ZSMU-B(8S)	PURYP24ZSMU-B(8S)
	Outdoor unit 1	PURYP120ZMU-B(8S)	PURYP142ZMU-B(8S)	PURYP142ZMU-B(8S)	PURYP142ZMU-B(8S)
	Outdoor unit 2	PURYP120ZMU-B(8S)	PURYP120ZMU-B(8S)	PURYP120ZMU-B(8S)	PURYP142ZMU-B(8S)
	Outdoor Twinning Kit(optional parts)				
BC controller-Twinning pipe	High pressure Low pressure	a b	ø28.58(1-1/8) ø24.92(1-3/8)	ø28.58(1-1/8) ø24.92(1-3/8)	

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes must be installed horizontally using a level vessel.

Be sure to see the Installation Manual for details of Twinning pipe installation.

3. The pipe section before the Twinning pipe (section "a" in the figure) must have at least 500mm(19-11/16") of straight section

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4. Only use the Twinning pipe by Mitsubishi (optional parts).

Unit: mm (in.)



CONFORMS TO
ANSI/UL STD. 1995
CERTIFIED TO
CAN/CSA STD.
C22. 2 NO.236