

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			288,000	
(Nominal)			84.4	
(575)			25.23	
(Rated)			28.1	
(575)			276,000	
(Rated)			80.9	
(575)			30.15	28.59
(Rated)			33.6	31.8
Temp. range of cooling			59 ~ 75°F (15 ~ 24°C)	
Heating capacity			323,000	
(Nominal)			94.7	
(575)			28.13	
(Rated)			31.3	
(575)			304,000	
(Rated)			89.1	
(575)			26.85	25.60
(Rated)			29.9	28.5
Temp. range of heating			59 ~ 81°F (15 ~ 27°C)	
Indoor unit connectable			50 ~ 150% of outdoor unit capacity	
Sound power level			P04 ~ P96 / 2 ~ 50	
Refrigerant			86.5	
piping diameter			1-1/8 (28.58) Braze	
AHRI Ratings			1-3/8 (34.93) Braze	
(Ducted / Non-Ducted)			9.30/9.00	
EER			17.20/15.40	
IEER			3.25/3.20-2.05/2.05	
COP @ 47F - COP @ 17F			25.70/23.00	
SCHE				

Set Model			PURY-P144KMU-B (-BS)	PURY-P144ZKMU-B (-BS)
Minimum Circuit Ampacity			23	23
Maximum Overcurrent Protection			35	35
Fan			Propeller fan x2	Propeller fan x2
Airflow rate			11,300	11,300
m³/min			320	320
L/s			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			9.5	9.5
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			7/8 (22.2) Braze	7/8 (22.2) Braze
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Optional parts			Outdoor Twinning kit: CMY-R100XLCBK	Outdoor Twinning kit: CMY-R100XLCBK
Compressor Operating Range			27.1 to 100%	27.1 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.
- Should any person change this document in any manner whatsoever without MESCA's written permission, the document shall be of no force and effect and any change shall be deemed to be a representation and warranty made by that person and not MESCA. That person, and not MESCA, shall assume full responsibility for the consequences of such changes.

MESCA assumes no responsibility for any consequences in such cases.

Outdoor Unit Outline and Dimensions:

Note 1. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

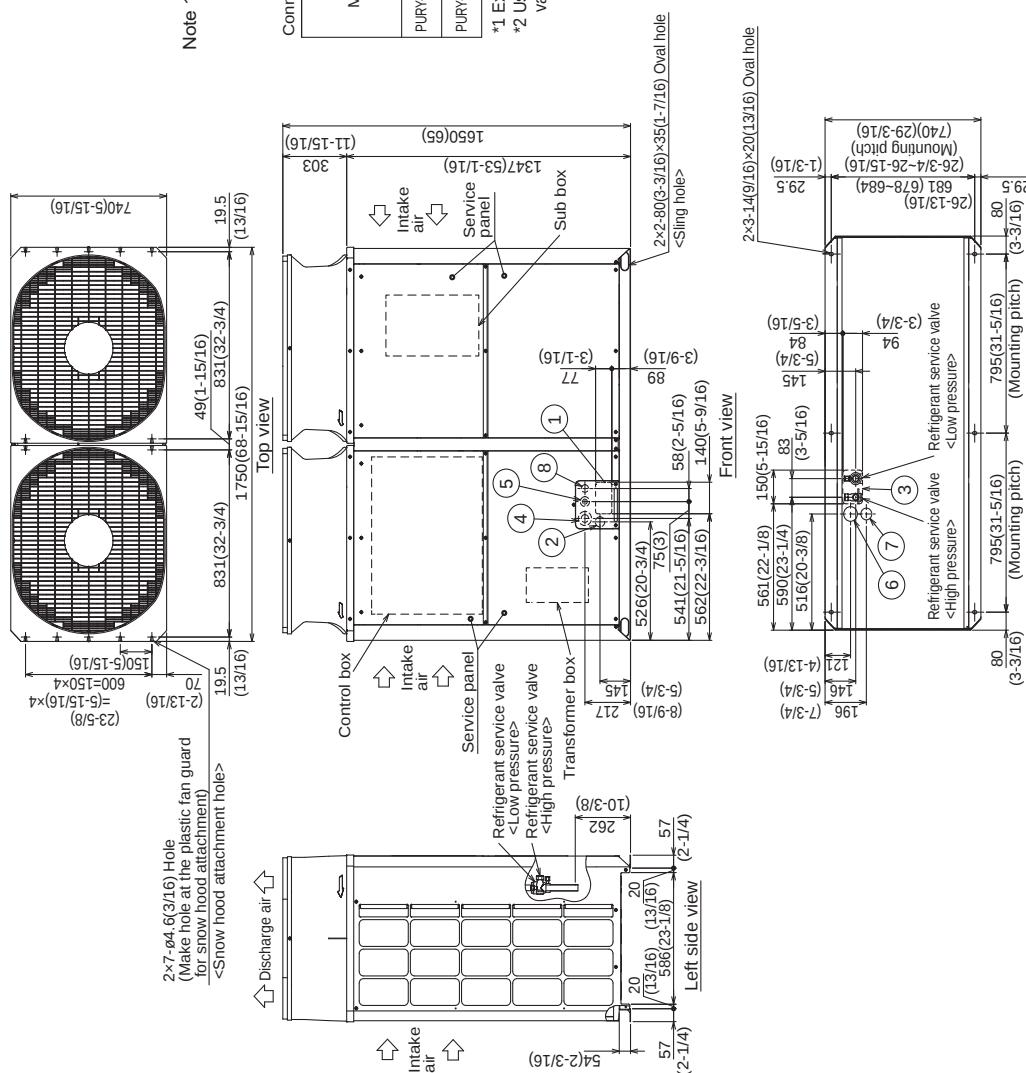
Model	Diameter			
	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
PUR-P120ZKMU	ø19.05 Braided (3/4) *2	ø28.58 Braided (1-1/8) *1	ø25.4 (1)	ø28.58 (1-1/8)
PUR-P144ZKMU	ø22.2 Braided (7/8) *2	ø28.58 Braided (1-1/8) *1	ø25.4 (1)	ø28.58 (1-1/8)

*1 Expand the on-site piping and connect to the refrigerant service valve piping.

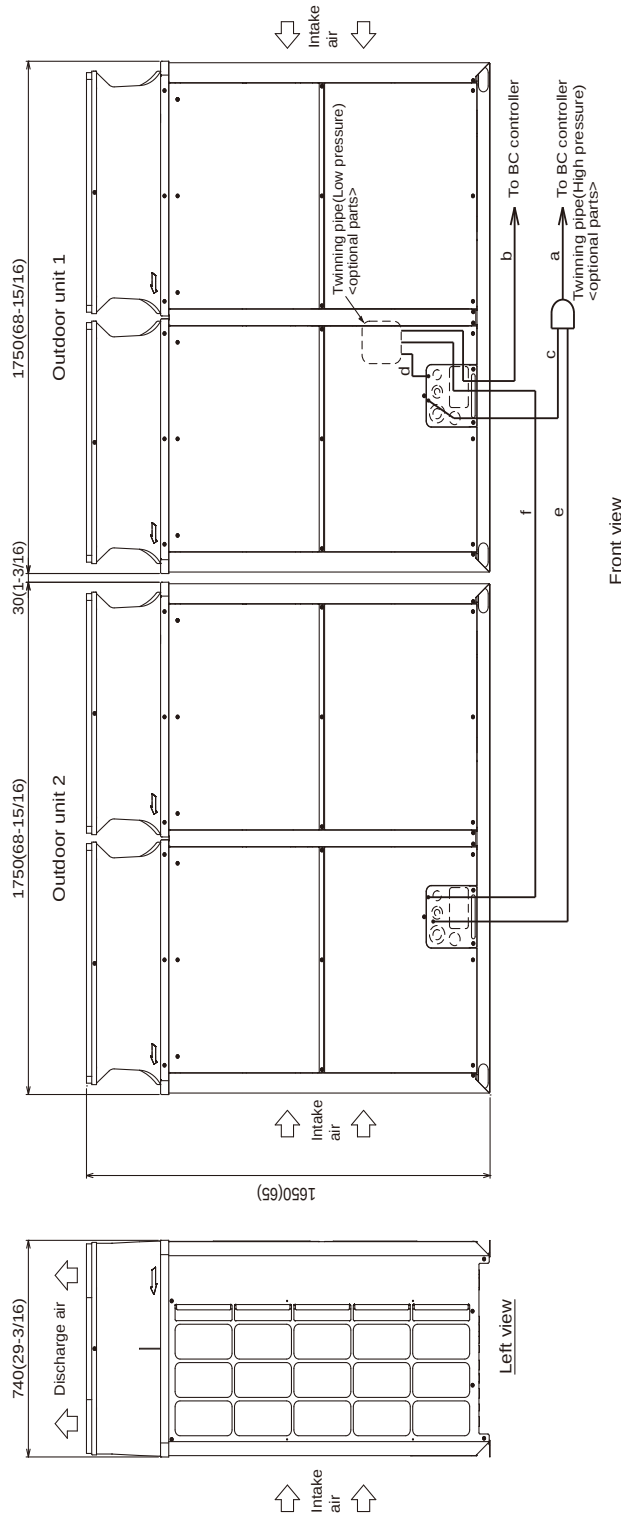
#2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.

NO.	Usage	Specifications
①	Front through hole	140 x 77 Knockout hole (5-9/16) (3-1/16)
②	For pipes Front through hole (Uses when winning kit (optional parts) is mounted.)	ø45 Knockout hole (1-13/16)
③	Bottom through hole	150 x 94 Knockout hole (5-15/16) (3-3/4)
④	Front through hole	ø62.7 or ø34.5 Knockout hole (2-1/2) (1-3/8)
⑤	Front through hole	ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑥	For wires Bottom through hole	ø65 Knockout hole (2-9/16)
⑦	Bottom through hole	ø53 Knockout hole (2-1/16)
⑧	For transmission cables Front through hole	ø34 Knockout hole (1-3/8)

Unit: mm (in.)



Outdoor Unit Outline and Dimensions:



Unit: mm (in.)

Twinning pipe connection size		PURY-P240ZSKMU-B(-BS)	PURY-P264ZSKMU-B(-BS)	PURY-P288ZSKMU-B(-BS)
Package unit name	Component unit name	PURY-P120ZSKMU-B(-BS)	PURY-P144ZSKMU-B(-BS)	PURY-P144ZSKMU-B(-BS)
Outdoor unit 1	Outdoor unit 2	PURY-P120ZSKMU-B(-BS)	PURY-P144ZSKMU-B(-BS)	PURY-P144ZSKMU-B(-BS)
Outdoor Twinning Kit(optional parts)		CMY-R100XLCBK		
BC controller-Twinning pipe	High pressure	a		
	Low pressure	b		
		ø28.58(1-1/8)		
		ø34.93(1-3/8)		

Unit model	Component unit model	P240	P264	P288
Twinning Kit	High pressure	c	e	c
	Low pressure	d	f	d
		ø19.05(3/4)	ø19.05(3/4)	ø22.2(7/8)
		— (Note 5)	— (Note 5)	— (Note 5)
				ø28.58(1-1/8)
				ø28.58(1-1/8)

- 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.
 3. Be sure to see the Installation Manual for details of Twinning pipe installation.
 4. The pipe section before the Twinning pipe (section "a" in the figure) must have at least 500mm(19-11/16) of straight section ("including the straight pipe that is supplied with the Twinning pipe).
 5. Only use the Twinning pipe by Mitsubishi (optional parts).
 6. Connect the outdoor unit 1 with the Twinning pipe (Low pressure) (section "d" in the figure).

Front view

Left view