

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			192,000			
(Nominal)			56.3			
Power input			15.92			
(575) Current input			17.7			
(Rated)			184,000			
Power input			53.9			
(575) Current input			17.15		17.11	
			19.1		19.0	
Temp. range of cooling			59 ~ 75°F (15 ~ 24°C)			
Indoor			W.B.			
Outdoor			D.B.			
Heating capacity			215,000			
(Nominal)			63.0			
Power input			17.79			
(575) Current input			19.8			
(Rated)			205,000			
Power input			60.1			
(575) Current input			16.74		16.26	
			18.6		18.1	
Temp. range of heating			59 ~ 81°F (15 ~ 27°C)			
Indoor			D.B.			
Outdoor			W.B.			
Indoor unit connectable			50 ~ 150% of outdoor unit capacity			
Model / Quantity			P04 ~ P96 / 1 ~ 48			
Sound power level (measured in anechoic room)			84.5			
Refrigerant			7/8 (22.2) Brazed			
piping diameter			1-1/8 (28.58) Brazed			
AHRI Ratings			10.30/10.50			
(Ducted / Non-Ducted)			19.60/17.70			
COP @ 47F - COP @ 17F			3.48/3.37 - 2.10/2.17			
SCHE			28.40/23.30			

Set Model		PURY-P96KMU-B (-BS)		PURY-P96ZKMU-B (-BS)	
Model		Minimum Circuit Ampacity		Maximum Overcurrent Protection	
A		15		25	
Fan		Type x Quantity		Propeller fan x1	
Airflow rate		cfm		6,550	
m³/min		185		185	
L/s		3,080		3,080	
Control, Driving mechanism		Inverter-control, Brushless DC motor		Inverter-control, Brushless DC motor	
Motor output		kW		0.92	
External static press.		0 in.WG (0 Pa)		0 in.WG (0 Pa)	
Compressor		Type x Quantity		Inverter scroll hermetic compressor x1	
Starting method		Inverter		Inverter	
Motor output		kW		6.6	
Case heater		kW		0.035	
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		in. (mm)		65 x 48-1/16 x 29-3/16 (1650 x 1,220 x 740)	
Protection devices		High Pressure protection		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		Type x original charge		R410A x 22 lbs + 12 oz (10.3kg)	
Control		Indoor LEV and BC Controller		Indoor LEV and BC Controller	
Net weight		lbs (kg)		567 (257)	
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		High pressure in. (mm)		3/4 (19.05) Brazed	
Low pressure		in. (mm)		7/8 (22.2) Brazed	
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle)		Auto-defrost mode (Reversed refrigerant cycle)	
Optional parts		Outdoor Twinning kit: CMY-R100CBK2		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		34.1% to 100%	

Notes:	
1.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.)
2.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.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG, 30 Pa, 60 Pa).	
4.All electrical work shall comply with National (CEC) and local codes and regulations.	
5.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).	
6.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.	
7.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).

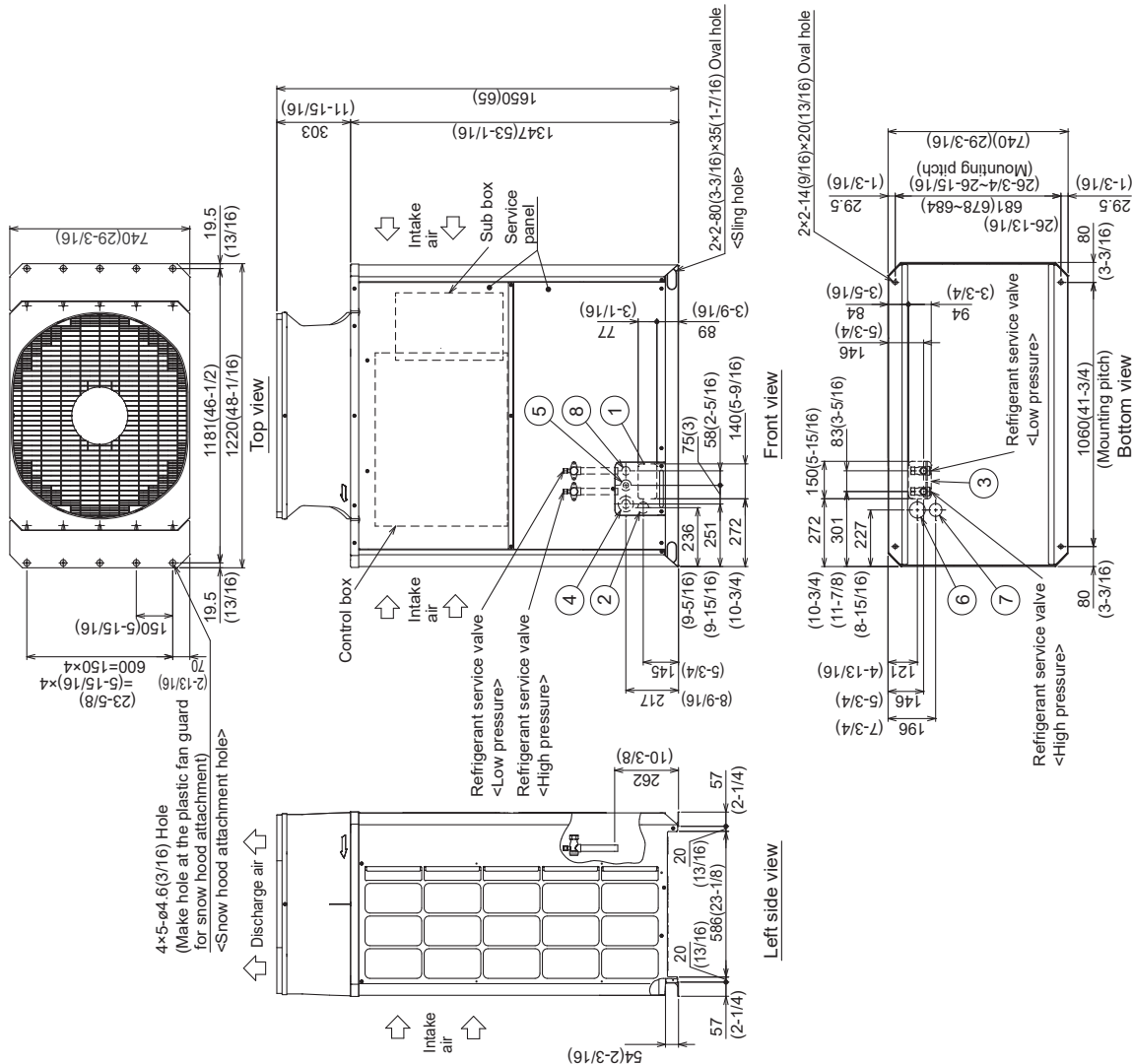
Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
PURY-P96ZKMU	High pressure	Low pressure	High pressure	Low pressure
	ø19.05 Brazed (3/4) *1	ø22.2 Brazed (7/8) *1	ø25.4 (1)	ø25.4 (1)

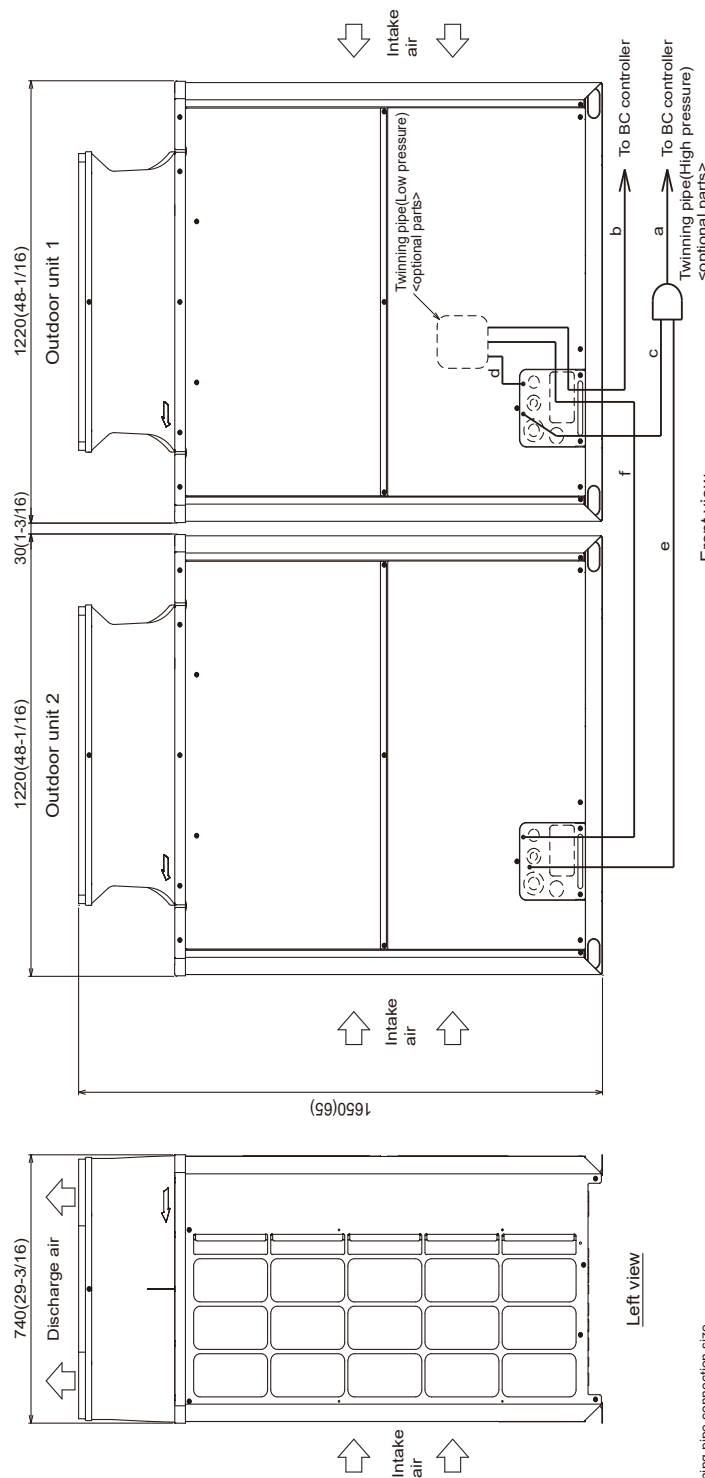
*1 Use the pipe joint (field supply) and connect to the refrigerant service valve piping.

NO.	Usage	Specifications
①	Front through hole	140 x 77 Knockout hole (5-9/16) (3-1/16)
②	Front through hole (Uses when twinning 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	Bottom through hole	ø65 Knockout hole (2-9/16)
⑦	Bottom through hole	ø52 Knockout hole (2-1/16)
⑧	For transmission cables	Front through hole 934 Knockout hole (1-3/8)

Unit: mm (in.)



Outdoor Unit Outline and Dimensions:



Unit: mm (in.)

Front view

Twinning pipe connection size		P192	
Package unit name	Component unit model	High pressure	Low pressure
PURY-P192ZSKMU-B(-BS)	P96	ø19.05(3/4)	ø22.2(7/8)
Outdoor unit 1	P96	ø19.05(3/4)	ø22.2(7/8)
Outdoor unit 2	P96	ø19.05(3/4)	ø22.2(7/8)
Outdoor Twinning Kit(optional parts)	CMY-R100CBK2	ø22.2(7/8)	ø28.58(1-1/8)
BC controller-Twinning pipe		a	b
		High pressure	Low pressure

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

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

5. Connect the outdoor unit 1 with the Twinning pipe (Low pressure) (section "d" in the figure).

Left view



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