

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 (Nominal)		BTU/h	72,000
		kW	21.1
	(575)	Power input kW	5.11
	(575)	Current input A	5.7
	(Rated)	BTU/h	69,000
	(Rated)	kW	20.2
(575)	Power input	kW	5.81
	Current input	A	6.4
			5.74
			6.4
Temp. range of cooling	Indoor	W.B.	59 ~ 75°F (15 ~ 24°C)
	Outdoor	D.B.	23 ~ 115°F (-5 ~ 46°C)
Heating capacity (Nominal)		BTU/h	80,000
		kW	23.4
		kW	5.89
		A	6.5
		BTU/h	76,000
		kW	22.3
		kW	5.83
		A	6.5
			5.87
			6.5
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 / 1 ~ 18
Sound power level (measured in anechoic room)		dB <A>	81.0
Refrigerant		High pressure in. (mm)	5/8 (15.88) Braze
piping diameter		Low pressure in. (mm)	3/4 (19.05) Braze
Minimum Circuit Ampacity		A	11
Maximum Overcurrent Protection		A	15
Fan	Type x Quantity		Propeller fan x1
	Airflow rate	cfm	6,550
		m ³ /min	185
		L/s	3,080
	Control, Driving mechanism		Inverter-control , Brushless DC motor
	Motor output	kW	0.92
Compressor	External static press.		0 in.WG (0 Pa)
	Type x Quantity		Inverter scroll hermetic compressor x1
	Starting method		Inverter
	Motor output	kW	4.7
	Case heater	kW	0.035
	Lubricant		MEL32
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		in. (mm)	65 x 36-1/4 x 29-3/16 (1650 x 920 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
	Compressor		-
	Fan Motor		-
Refrigerant	Type x original charge		R410A x 21 lbs (9.5kg)
	Control		Indoor LEV and BC Controller
Net weight		lbs (kg)	508 (230)
Heat Exchanger			Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)
Optional parts		Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1, CMY-R201, 301, 306S-G, CMY-R302, 303, 304, 305S-G1	
		BC controller: CMB-P104, 106, 108, 1012, 1016NU-J2	
		Main BC controller: CMB-P108, 1012, 1016NU-JA2, CMB-P1016NU-KA2	
		Sub BC controller: CMB-P104, 108NU-KB2	
Compressor Operating Range			36.0% to 100%
AHRI Ratings (Ducted / Non-Ducted)	EER		11.30/11.40
			18.40/19.80
			3.62/3.46 - 2.26/2.26
			24.50/24.90

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, 0.32 in.WG/30 Pa, 60 Pa, 80 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:

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
PURY-P72ZKMU	Ø15.88 Braze (5/8) *1	Ø19.05 Braze (3/4) *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	Ø34 Knockout hole (1-3/8)

Unit: mm (in.)

