

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	96,000
		kW	28.1
	Power input	kW	6.74
	(575) Current input	A	7.5
	(Rated)	BTU/h	92,000
		kW	27.0
(575)	Power input	kW	7.49
	Current input	A	8.3
			7.44
			8.3
Temp. range of cooling		59 ~ 81°F (15 ~ 24°C)	
		23 ~ 115°F (-5 ~ 46°C)	
Heating capacity (Nominal)		BTU/h	108,000
		kW	31.7
	Power input	kW	7.78
	(575) Current input	A	8.6
	(Rated)	BTU/h	103,000
		kW	30.2
(575)	Power input	kW	7.79
	Current input	A	8.6
			7.41
			8.2
Temp. range of heating		59 ~ 81°F (15 ~ 27°C)	
		- 4 ~ 60°F (-20 ~ 15.5°C)	
Indoor unit connectable		50 ~ 130% of outdoor unit capacity	
Model / Quantity		P04 ~ P96 / 1 ~ 24	
Sound power level (measured in anechoic room)		dB <A> 81.5	
Refrigerant		3/8 (9.52) Braze (12.7) Braze, the farthest pipe length >= 90m	
piping diameter		7/8 (22.2) Braze	
Minimum Circuit Ampacity		15	
Maximum Overcurrent Protection		25	
Fan	Type x Quantity	Propeller fan x1	
	Airflow rate	cfm	6,700
		m³/min	190
		L/s	3,170
	Control, Driving mechanism	Inverter-control, Brushless DC motor	
	Motor output	kW	0.92
Compressor	*3 External static press.	0 in.WG (0 Pa)	
	Type x Quantity	Inverter scroll hermetic compressor x1	
	Starting method	Inverter	
	Motor output	kW	6.9 x 1
	Case heater	kW	0.035
	Lubricant	MEL32	
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL SY 8/1 or similar>	
External dimension H x W x D		64-31/32 x 48-1/16 x 29-5/32 (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	
	Compressor	-	
	Fan Motor	-	
Refrigerant	Type x original charge	R410A x 25 lbs + 6 oz (11.5kg)	
	Control	LEV and HIC circuit	
Net weight		563 (255)	
Heat Exchanger		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)		Copper pipe, tube-in-tube structure	
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle)	
Optional parts		Joint: CMY-Y102SS/LS-G2	
		Header: CMY-Y104/108/1010C-G	
Compressor Operating Range		12.5% to 100%	
AHRI Ratings (Ducted / Non-Ducted)	EER	11.90/12.10	
	IIEER	22.20/20.10	
	COP @ 47F - COP @ 17F	3.73/3.74 - 2.71/2.42	

Notes:

1.Nominal Cooling conditions (Test conditions are based on AHRI 1230) Indoor: 80°F.D.B./67°F.W.B. (26.7°C.D.B./19.4°C.W.B.), Outdoor: 95°F.D.B. (35°C.D.B.)

2.Nominal Heating conditions (Test conditions are based on AHRI 1230) Indoor: 70°F.D.B. (21.1°C.D.B.), Outdoor: 47°F.D.B./43°F.W.B. (8.3°C.D.B./6.1°C.W.B.)

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).

Model	Diameter		
	Refrigerant pipe	Liquid	Gas
PUHY-P96ZKMU	ø9.52 Brazed (3/8) *1 (ø12.7 Brazed) (1/2) *2	ø9.52 (3/8)	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	For pipes	Front through hole 140 x 77 Knockout hole (5-9/16) (3-1/16)
②		Bottom through hole 150 x 94 Knockout hole (5-15/16) (3-3/4)
③		Front through hole ø62.7 or ø34.5 Knockout hole (2-1/2) (1-3/8)
④		Front through hole ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑤	For wires	Bottom through hole ø65 Knockout hole (2-9/16)
⑥		Bottom through hole ø62 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole ø34 Knockout hole (1-3/8)

Unit: mm (in.)

