

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	120,000
		kW	35.2
	Power input	kW	8.48
	(575) Current input	A	9.4
	(Rated)	BTU/h	115,000
		kW	33.7
(575)	Power input	kW	10.12
	Current input	A	11.2
			9.72
			10.8
Temp. range of cooling		59 ~ 75°F (15 ~ 24°C)	
Heating capacity (Nominal)		23 ~ 115°F (-5 ~ 46°C)	
		BTU/h	135,000
		kW	39.6
	Power input	kW	10.09
	(575) Current input	A	11.2
	(Rated)	BTU/h	129,000
		kW	37.8
(575)	Power input	kW	9.44
	Current input	A	10.5
			9.56
			10.6
Temp. range of heating		59 ~ 81°F (15 ~ 27°C)	
Indoor unit connectable		50 ~ 130% of outdoor unit capacity	
Sound power level (measured in anechoic room)		P04 ~ P96 / 1 ~ 30	
Refrigerant		79.5	
piping diameter		3/8 (9.52) Braze (12.7) Braze, the farthest pipe length >= 40m	
Minimum Circuit Ampacity		1-1/8 (28.58) Braze	
Maximum Overcurrent Protection		19	
Fan		30	
	Type x Quantity	Propeller fan x2	
	Airflow rate	11,300	
		320	
		5,330	
	Control, Driving mechanism	Inverter-control, Brushless DC motor	
	Motor output	0.92 x 2	
Compressor	*3 External static press.	0 in.WG (0 Pa)	
	Type x Quantity	Inverter scroll hermetic compressor x1	
	Starting method	Inverter	
	Motor output	8.2 x 1	
	Case heater	0.045	
	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 68-29/32 x 29-5/32 (1650 x 1,750 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 26 lbs + 1 oz (11.8kg)	
	Control	LEV and HIC circuit	
Net weight	lbs (kg)	748 (339)	
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, CMY-Y202S-G2	
		Header: CMY-Y104/108/1010C-G	
Compressor Operating Range		19.2% to 100%	
AHRI Ratings (Ducted / Non-Ducted)	EER	11.40/11.20	
	IIEER	19.50/18.20	
	COP @ 47F - COP @ 17F	3.62/3.87 - 2.51/2.30	

Notes:

- 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.)
- 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.)
- 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:

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).

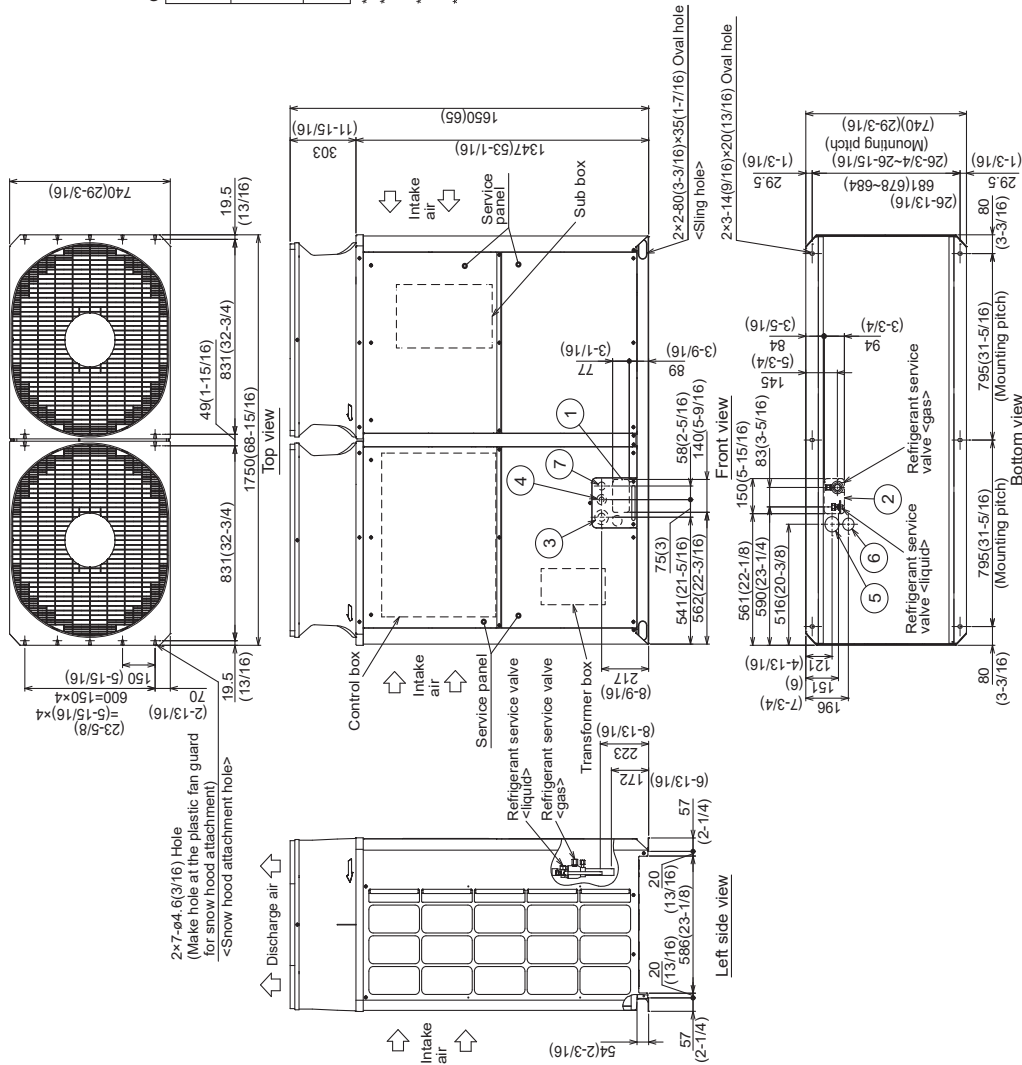
Connecting pipe specifications

Model	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P120ZKMU	ø9.52 Braze (3/8)"*2 (ø12.7 Braze) (1/2)"*1*3*4	ø28.58 Braze (1-1/8)"*1	ø12.7 (1/2)	ø28.58 (1-1/8)
PUHY-P1420MU	ø12.7 Braze (1/2)"*1			

*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.
*3 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
*4 Furthest piping length (OU from IU) ≥ 40m (131ft)

NO.	Usage	Specifications
①	For pipes	Front through hole (5-9/16) 140 × 77 Knockout hole (3-1/16)
②		Bottom through hole (5-15/16) 150 × 94 Knockout hole (3-3/4)
③	For wires	Front through hole (2-1/2) ø62.7 or ø34.5 Knockout hole (1-3/8)
④		Front through hole (1-3/4) ø43.7 or ø22.2 Knockout hole (7/8)
⑤		Bottom through hole (2-9/16) ø65 Knockout hole
⑥		Bottom through hole (2-1/16) ø62 Knockout hole
⑦	For transmission cables	Front through hole (1-3/8) ø34 Knockout hole

Unit: mm (in.)



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