

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
	(575)	Power input kW	7.06
	(Rated)	Current input A	7.8
		BTU/h	92,000
		kW	27.0
(575)	(Rated)	Power input kW	8.05
		Current input A	8.9
		BTU/h	8.00
		kW	8.9
		BTU/h	8.00
		kW	8.9
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	108,000
		kW	31.7
	(575)	Power input kW	8.85
	(Rated)	Current input A	9.8
		BTU/h	103,000
		kW	30.2
(575)	(Rated)	Power input kW	8.34
		Current input A	9.3
		BTU/h	7.96
		kW	8.8
		BTU/h	7.96
		kW	8.8
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 ~ 24	
Sound power level (measured in anechoic room)		dB <A>	
Refrigerant		in. (mm)	
High pressure		3/4 (19.05) Braze	
piping diameter		in. (mm)	
Low pressure		7/8 (22.2) Braze	
Minimum Circuit Ampacity		A	
Maximum Overcurrent Protection		A	
Fan		Propeller fan x1	
Type x Quantity		cfm	
		6,550	
		m³/min	
		185	
		L/s	
		3,080	
Control, Driving mechanism		Inverter-control, Brushless DC motor	
Motor output		kW	
0.92		0 in.WG (0 Pa)	
External static press.		Inverter scroll hermetic compressor x1	
Compressor		Inverter	
Starting method		Inverter	
Motor output		kW	
6.6		0.035	
Case heater		kW	
0.035		MEL32	
Lubricant		Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL SY 8/1 or similar>	
External finish		in. (mm)	
65 x 48-1/16 x 29-3/16 (1650 x 1,220 x 740)		High pressure protection	
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 22 lbs + 12 oz (10.3kg)		Indoor LEV and BC Controller	
Control		567 (257)	
Net weight		lbs (kg)	
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-R201,202,301,306S-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		34.1% to 100%	
EER		10.90/11.00	
AHRI Ratings		IEER	
(Ducted / Non-Ducted)		21.10/18.80	
COP @ 47F - COP @ 17F		3.46/3.46 - 2.26/2.26	
SCHE		27.80/23.30	

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.
- 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).

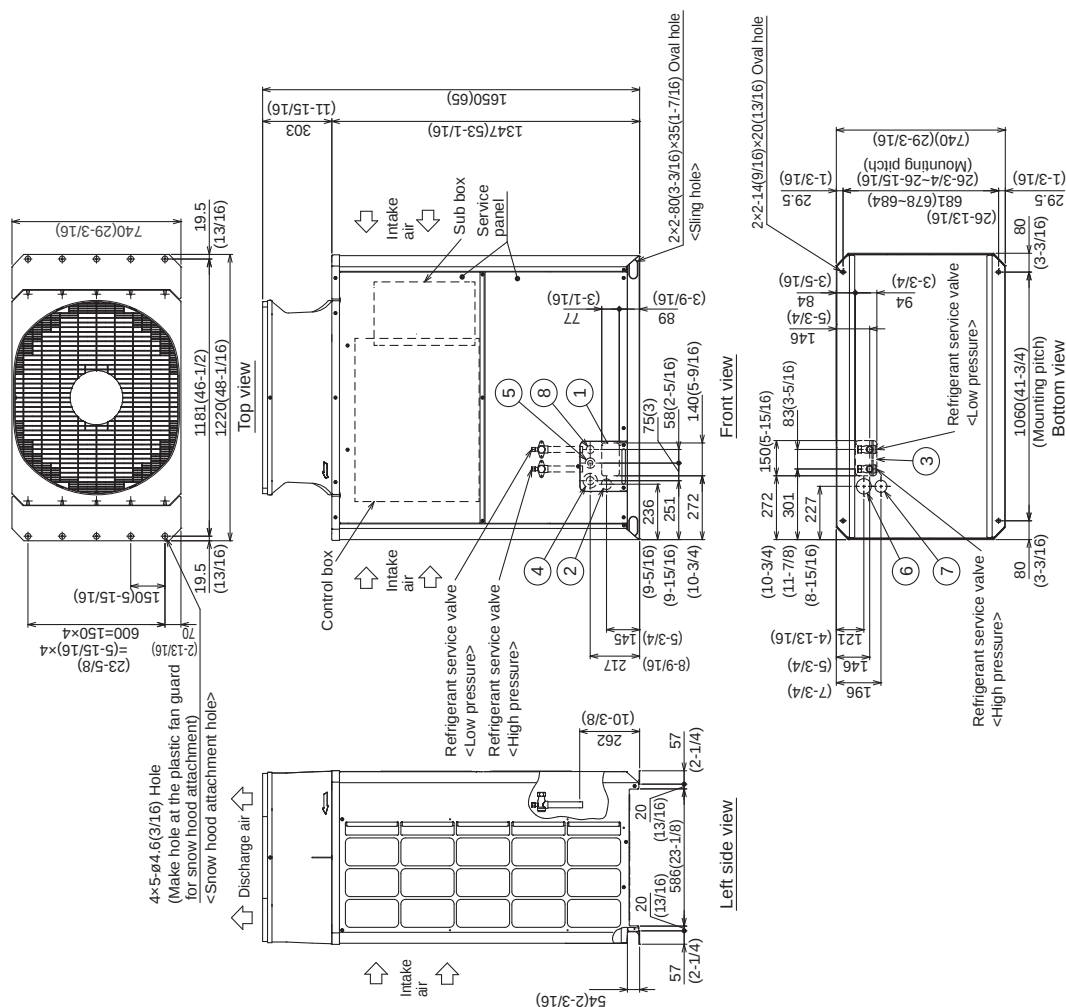
Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	High pressure	Low pressure	High pressure	Low pressure
PURV-p6ZKMU	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 × 77 Knockout hole (5-9/16) (3-1/16)
②	For pipes Front through hole (Uses when turning kit (optional parts) is mounted)	ø45 Knockout hole (1-13/16)
③	Bottom through hole	150 × 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	ø52 Knockout hole (2-11/16)
⑧	For transmission cables Front through hole	ø34 Knockout hole

Unit: mm (in.)



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