

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	144,000			
			kW			42.2
(575)	Power input	kW	11.13			
	Current input	A	12.4			
(Rated)		BTU/h	138,000			
		kW	40.4			
(575)	Power input	kW	13.90	13.62		
	Current input	A	15.5	15.1		
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	160,000			
			kW			46.9
(575)	Power input	kW	12.86			
	Current input	A	14.3			
(Rated)		BTU/h	152,000			
		kW	44.5			
(575)	Power input	kW	12.03	11.98		
	Current input	A	13.4	13.3		
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 ~ 36			
Sound power level (measured in anechoic room)		dB <A>	83.5			
Refrigerant		High pressure	in. (mm)	7/8 (22.2) Brazed		
piping diameter		Low pressure	in. (mm)	1-1/8 (28.58) Brazed		
Minimum Circuit Ampacity		A	23			
Maximum Overcurrent Protection		A	35			
Fan	Type x Quantity		Propeller fan x2			
	Airflow rate	cfm	11,300			
		m³/min	320			
		L/s	5,330			
	Control, Driving mechanism		Inverter-control , Brushless DC motor			
	Motor output	kW	0.92+0.92			
	*3	External static press.	0 in.WG (0 Pa)			
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1			
	Starting method		Inverter			
	Motor output	kW	9.5			
	Case heater	kW	0.045			
	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 68-15/16 x 29-3/16 (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 + 1oz (11.8 kg)			
	Control		Indoor LEV and BC Controller			
Net weight		lbs (kg)	700 (349)			
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: -				
		Main BC controller: CMB-P108,1012,1016NU-JA2, CMB-P1016NU-KA2				
		Sub BC controller: CMB-P104,108NU-KB2				
Compressor Operating Range		27.1% to 100%				
AHRI Ratings (Ducted / Non-Ducted)		EER	9.70/9.70			
		IEER	18.20/16.30			
		COP @ 47F - COP @ 17F	3.57/3.39 - 2.13/2.06			
		SCHE	27.60/23.80			

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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Outdoor Unit Outline and Dimensions:

