

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-EP240TNU-A

Seacoast (BS) Model PURY-EP240TNU-A-BS

*Minimum Operating Temperature**Heating (Outdoor): -25°F (-32°C) WB**Below -22°F (-30°C) WB, an auxiliary heating source is highly recommended.**System requires firmware Ver. 26.35 or later.***ACCESSORIES**

Snow/Wind Guards - (See CM_PAB_100_20_006)

Panel Heater - (PAC-PH03EHYU-E1) (x1)

Note: Mitsubishi Electric (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.

Notes:

- Nominal cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°F DB/67°F WB (26.7°C DB/19.4°C WB), Outdoor: 95°F DB (35°C DB)
- Nominal heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°F DB (21.1°C DB), Outdoor: 47°F DB/43°F WB (8.3°C DB/6.1°C WB)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (0.12 in.WG, 0.24 in.WG, 0.32 in.WG/30 Pa, 60 Pa, 80 Pa).

Specifications are subject to change without notice.

Outdoor Model				PURY-EP240TNU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1 (Nominal)			BTU/h	240,000	
			kW	65.7	
(208-230)			Power input	21.39	
			Current input	65.9-59.6	
(Rated)			BTU/h	214,000	
			kW	62.7	
(208-230)			Power input	21.60	21.00
			Current input	66.6-60.2	64.7-58.5
Temp. range of cooling		Indoor	W.B.	59~75°F (15~24°C)	
		Outdoor	D.B.	23~126°F (-5~52°C)	
Heating capacity *2 (Nominal)			BTU/h	250,000	
			kW	73.3	
(208-230)			Power input	21.79	
			Current input	67.2-60.7	
(Rated)			BTU/h	240,000	
			kW	70.3	
(208-230)			Power input	19.96	20.20
			Current input	61.5-55.6	62.2-56.3
Temp. range of heating		Indoor	D.B.	59~81°F (15~27°C)	
		Outdoor	W.B.	-13~60°F (-25~15.5°C)	
Indoor unit connectable		Total capacity		50~150% of outdoor unit capacity	
		Model/Quantity		P04~P96/2~50	
Sound power level (measured in anechoic room) *3			dB <A>	88.0-87.0	
Refrigerant piping diameter		High pressure	in. (mm)	7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m)	
		Low pressure	in. (mm)	1-3/8 (34.93) Brazed	
Minimum Circuit Ampacity (*)			A	88-88	
Maximum Overcurrent Protection (*)			A	150-150	
FAN		Type x Quantity		Propeller fan x 2	
		Airflow rate		cfm	14,500
				m3/min	410
		Control, Driving mechanism		Inverter-control, Brushless DC motor	
		Motor output	kW	0.92+0.92	
Compressor		*5 External static press.		0 in.WG (0 Pa)	
		Type x Quantity		Inverter scroll hermetic compressor x 1	
		Starting method		Inverter	
		Motor output	kW	17	
		Case heater	kW	-	
		Lubricant		MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1>	
External dimension H x W x D			in.	71-5/8 x 68-15/16 x 29-3/16	
			mm	1,818 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-current protection	
		Fan motor		-	
Refrigerant		Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	
		Control		Indoor LEV and BC controller	
Net weight			lbs (kg)	887 (402)	
Heat exchanger				Salt-resistant cross fin & aluminium 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-R201,202,203,204,306S-G,CMY-R302,303,304,305S-G1			
		Main BC controller: CMB-P108,1012,1016NU-JA1,CMB-P1016NU-KA1			
		Sub BC controller: CMB-P104,108NU-KB1			

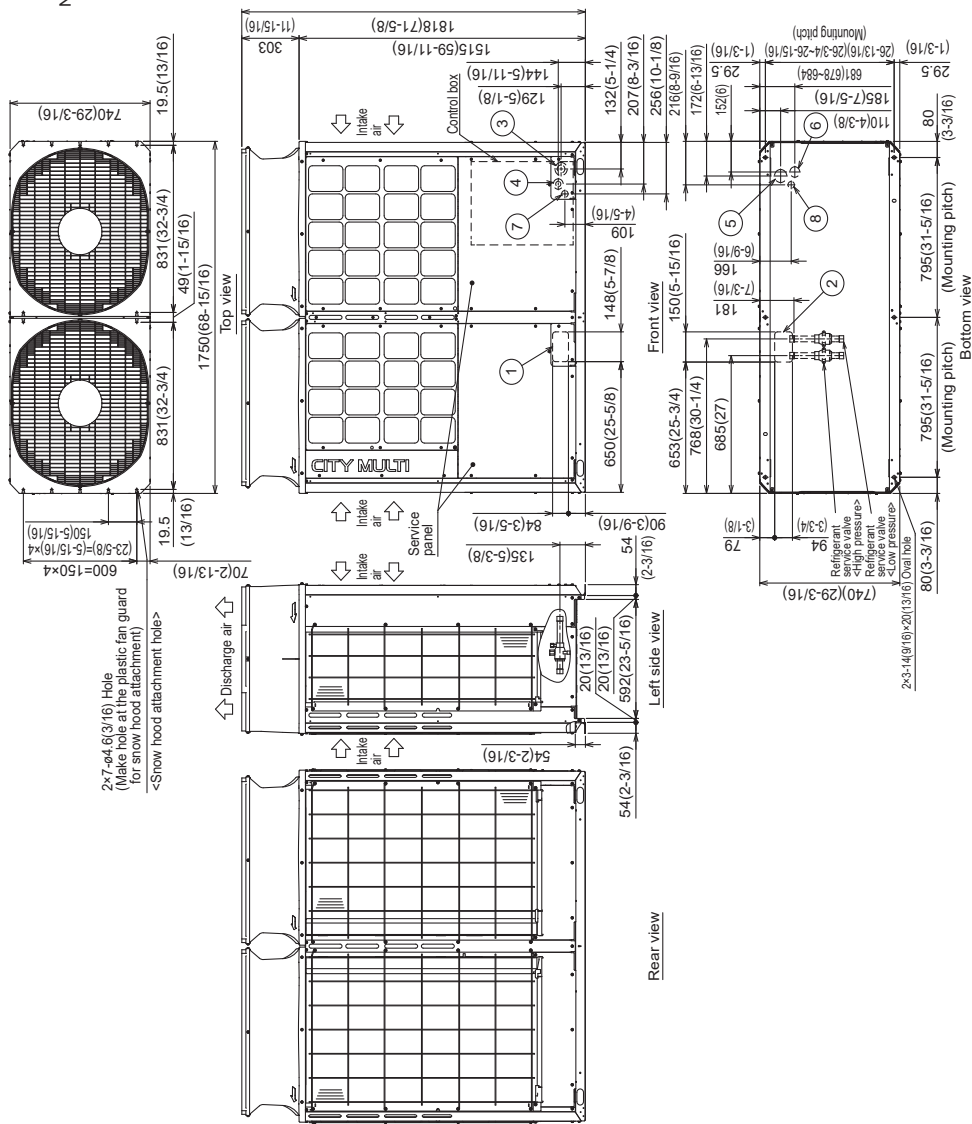
* All electrical work shall comply with National (CEC) and local codes and regulations.

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Module: PURY-EP240TNU-A(-BS) - DIMENSIONS

Unit: mm (in.)

Note 1, Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. 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	Diameter	Service valve
EP192 ø22.7(8) Brazed *1	Low pressure	ø25.5(1-1/8) Brazed	High pressure Low pressure
EP216 ø22.7(8) Brazed *1,2	Low pressure	ø25.5(1-1/8) Brazed *1	High pressure Low pressure
EP240 ø22.7(8) Brazed *1,2	Low pressure	ø25.5(1-1/8) Brazed *1	High pressure Low pressure

*1 Connect the refrigerant pipe to the service valve according to the installation Manual.
*2 When the piping length is 65m(213ft) or longer, use the ø28.5(1-1/8) pipe for the part that exceeds 65m(213ft).

NO.	Usage	Specifications
①	Front through hole	148(5-7/8) × 84(3-5/16) Knockout hole
②	Bottom through hole	150(5-15/16) × 94(3-3/4) Knockout hole
③	Front through hole	ø62.7(2-1/2) or ø34.5(1-3/8) Knockout hole
④	Front through hole	ø43.7(1-3/4) or ø22.7(8) Knockout hole
⑤	Bottom through hole	ø65(2-9/16) Knockout hole
⑥	Bottom through hole	ø52(2-1/16) Knockout hole
⑦	Front through hole	ø34(1-3/8) Knockout hole
⑧	Bottom through hole	ø34(1-3/8) Knockout hole

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