

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-EP216TNU-A

Seacoast (BS) Model PURY-EP216TNU-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:

1. 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)
2. 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)
3. Cooling mode/Heating mode
4. The sound pressure level measured by the conventional method in JIS for reference purpose.
5. 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-EP216TNU-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	216,000				
		kW	63.3				
		Power input	kW	18.66			
		(208-230) Current input	A	57.5-52.0			
		(Rated)	BTU/h	206,000			
			kW	60.4			
		(208-230) Power input	kW	20.50	20.35		
		(208-230) Current input	A	63.2-57.1	62.7-56.7		
		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	243,000		
				kW	71.2		
		Power input	kW	20.43			
		(208-230) Current input	A	63.0-56.9			
		(Rated)	BTU/h	232,000			
			kW	68			
		(208-230) Power input	kW	18.22	19.25		
		(208-230) Current input	A	56.1-50.8	59.3-53.6		
		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> 86.0-86.5				
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 88-85				
Maximum Overcurrent Protection (*)			A 150-150				
FAN		Type x Quantity		Propeller fan x 2			
		Airflow rate		cfm	14,100		
				m3/min	400		
		Control, Driving mechanism		Inverter-control, Brushless DC motor			
		Motor output		kW	0.92+0.92		
		*5 External static press.		0 in.WG (0 Pa)			
Compressor		Type x Quantity		Inverter scroll hermetic compressor x 1			
		Starting method		Inverter			
		Motor output		kW	15.8		
		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-JA2,CMB-P1016NU-KA2 Sub BC controller: CMB-P104,108NU-KB2					

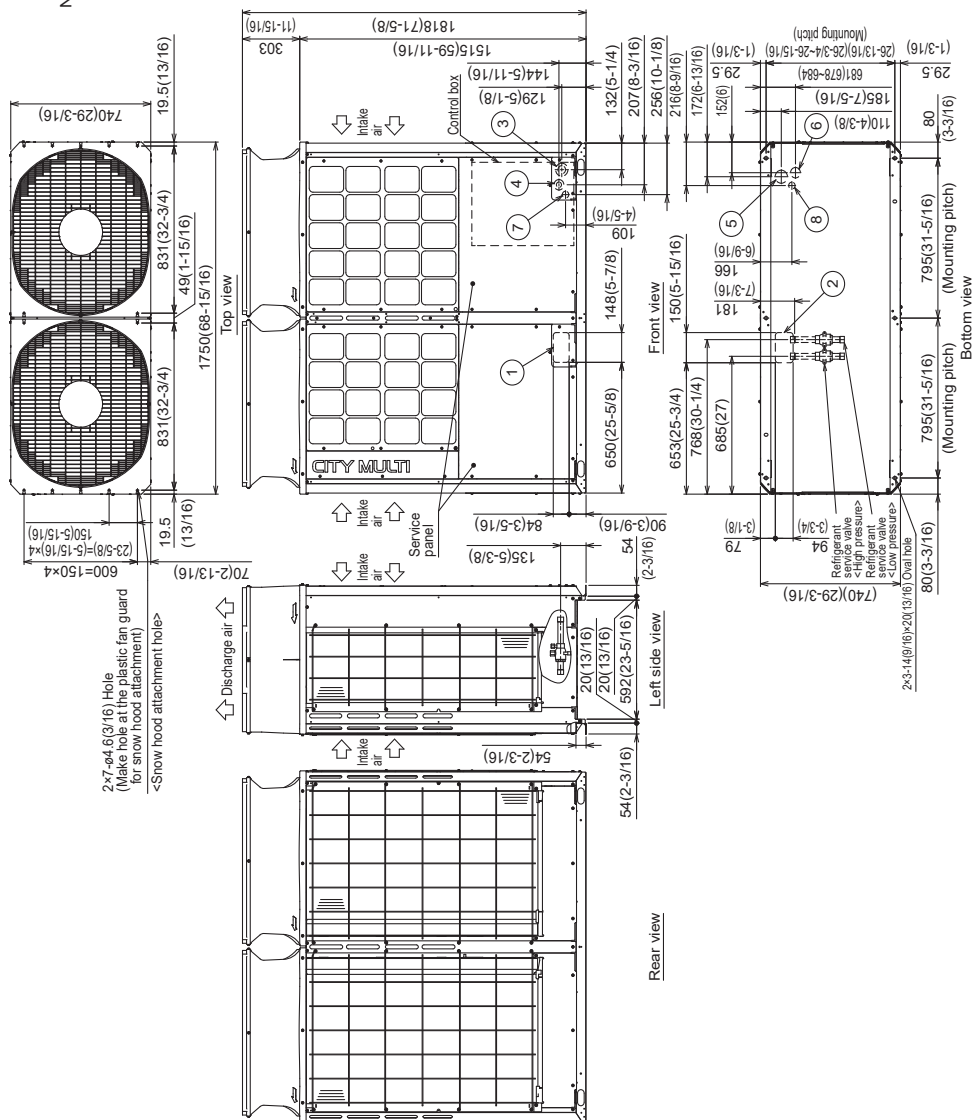
* All electrical work shall comply with National (CEC) and local codes and regulations.

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Module: PURY-EP216TNU-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	
	High pressure	Low pressure	Service valve	High pressure	Low pressure
EP192	ø22.7(8) Brazed *1	ø28.5(1-1/8) Brazed		ø28.5(1-1/8)	ø28.5(1-1/8)
EP216	ø22.7(8) Brazed *1,2	ø34.3(1-3/8) Brazed *1		ø28.5(1-1/8)	ø28.5(1-1/8)
EP240	ø22.7(8) Brazed *1,2	ø34.3(1-3/8) Brazed *1		ø28.5(1-1/8)	ø28.5(1-1/8)

*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	For pipes	Front through hole 148(5-7/8) × 84(3-5/16) Knockout hole 150(5-15/16) × 94(3-3/4) Knockout hole
②		Front through hole ø62.7(2-1/2) or ø34.5(1-3/8) Knockout hole
③		Front through hole ø43.7(1-3/4) or ø22.7(7/8) Knockout hole
④		Bottom through hole ø65(2-9/16) Knockout hole
⑤		Bottom through hole ø52(2-1/16) Knockout hole
⑥		Front through hole ø34(1-3/8) 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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