

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-EP216TNU-A1

Seacoast (BS) Model PURY-EP216TNU-A1-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-A1 (-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			
			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			
			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		0.048			
			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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Unit: mm (in.)

Connecting pipe specifications

Model	Refrigerant pipe #1		Diameter	Service valve	
	High pressure	Low pressure		High pressure	Low pressure
EP192	ø 22(7/8)	Brazed	ø 28.58(1-1/8)	Brazed	ø 28.58(1-1/8)
EP216	ø 22(7/8)	Brazed	ø 28.58(1-1/8)	Brazed ²⁾	ø 28.58(1-1/8)
EP216	ø 22(7/8)	Brazed	ø 34.93(1-3/8)	Brazed	ø 28.58(1-1/8)
EP216	ø 28.58(1-1/8)	Brazed ³⁾	ø 28.58(1-1/8)	Brazed	ø 28.58(1-1/8)
EP216	ø 28.58(1-1/8)	Brazed ³⁾	ø 34.93(1-3/8)	Brazed	ø 28.58(1-1/8)
EP240	ø 22(7/8)	Brazed	ø 34.93(1-3/8)	Brazed	ø 28.58(1-1/8)
EP240	ø 28.58(1-1/8)	Brazed ³⁾	ø 49.51(1-3/8)	Brazed	ø 28.58(1-1/8)

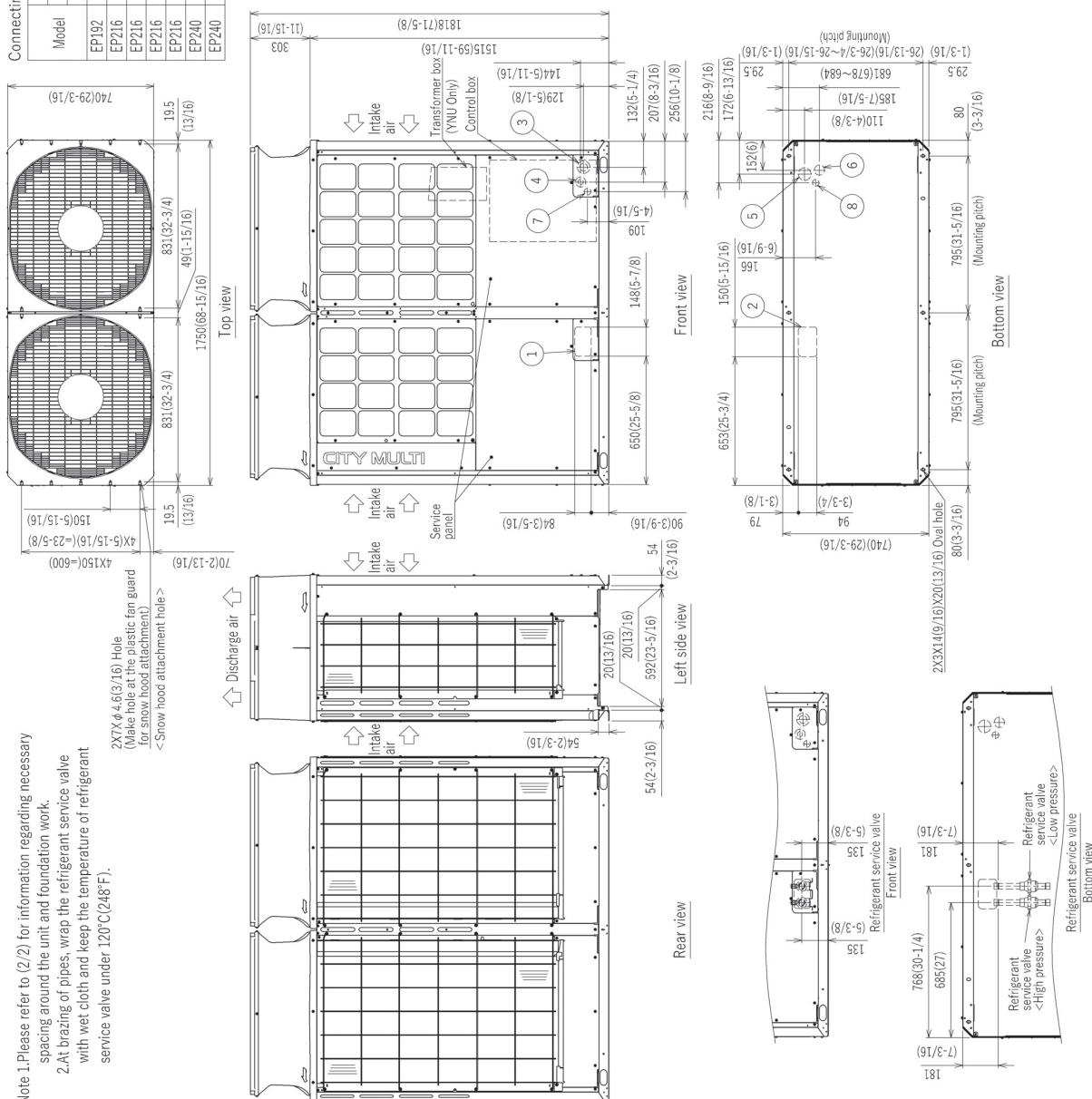
***1** Connect the refrigerant pipe to the service valve according to

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*2 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.

*3 Furthest piping length (OU from IU) $\geq 65\text{m}$ (213ft)

No.	Usage	Specifications
①	Front through hole	148/5-7/8 X 81(3-5/16) Knockout hole
②	For pipes	Bottom through hole 150/5-15/16 X 94(3-3/4) Knockout hole
③		Front through hole #672(1-1/2) or #345(1-3/8) Knockout hole
④	For wires	Front through hole #437(1-3/4) or #222(7/8) Knockout hole
⑤	Bottom through hole	#652(5-9/16) Knockout hole
⑥	Bottom through hole	#572(2-1/16) Knockout hole
⑦	For transmission	Front through hole #341(1-3/8) Knockout hole
⑧	Bottom through hole	#341(1-3/8) Knockout hole



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