

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-EP192TNU-A1

Seacoast (BS) Model PURY-EP192TNU-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).

Outdoor Model			PURY-EP192TNU-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	192,000			
		kW	56.3			
		Power input	kW	15.65		
		(208-230) Current input	A	48.2-43.6		
		(Rated)	BTU/h	184,000		
			kW	53.9		
		Power input	kW	17.55	17.25	
		(208-230) Current input	A	54.1-48.9	53.2-48.1	
		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	215,000			
		kW	63			
		Power input	kW	17.54		
		(208-230) Current input	A	54.0-48.9		
		(Rated)	BTU/h	204,000		
			kW	59.8		
		Power input	kW	15.37	16.34	
		(208-230) Current input	A	47.4-42.8	50.3-45.5	
		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~P96/1~48			
Sound power level (measured in anechoic room) *3		dB <A>	83.5/85.0			
Refrigerant piping diameter		High pressure	in. (mm)	7/8 (22.2) Brazed		
		Low pressure	in. (mm)	1-1/8 (28.58) Brazed		
Minimum Circuit Ampacity (*)		A	80-75			
Maximum Overcurrent Protection (*)		A	125-125			
FAN		Type x Quantity		Propeller fan x 2		
		Airflow rate		cfm	13,050	
				m3/min	370	
		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	13.2		
		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

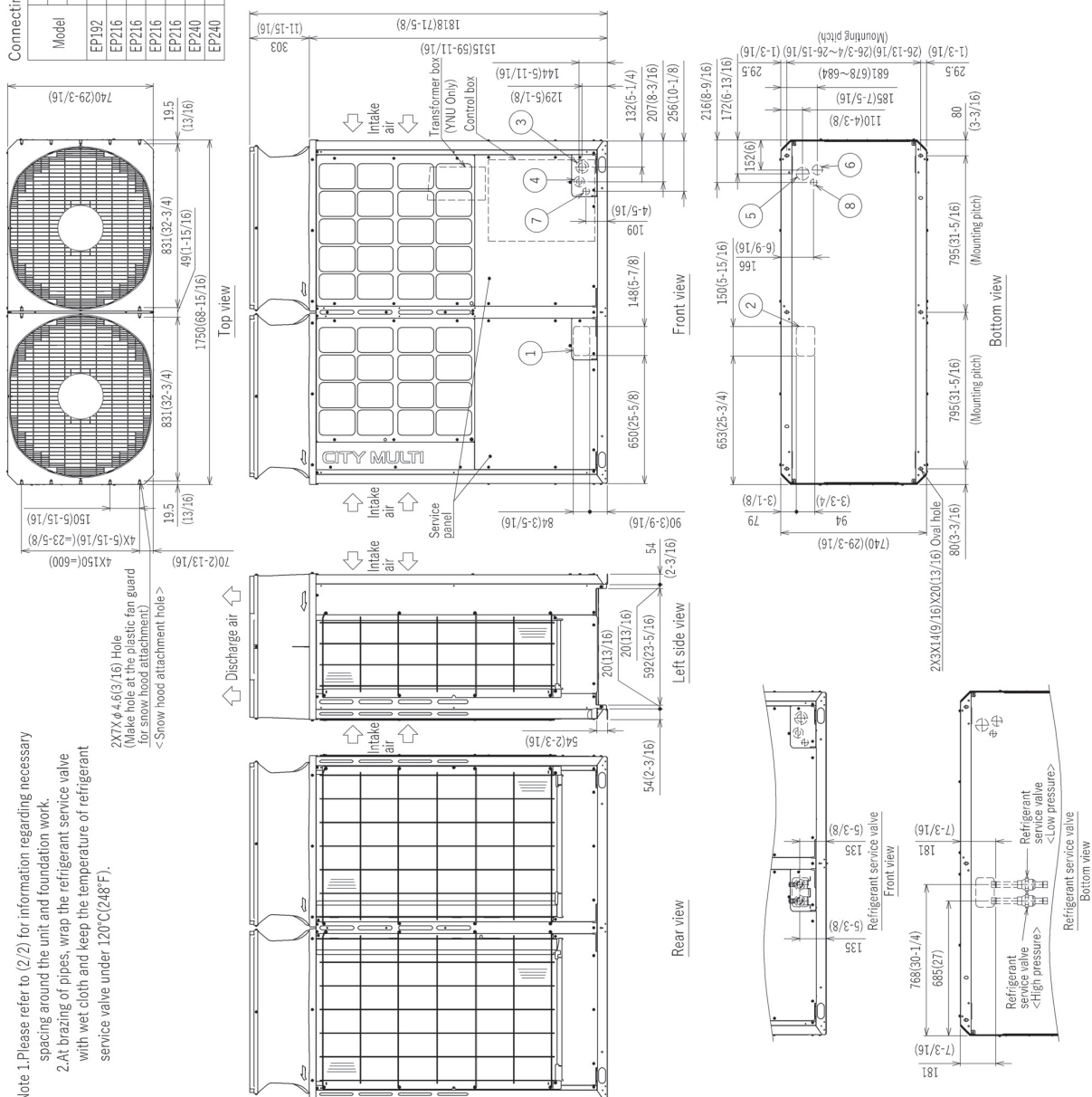
Model	Refrigerant pipe *1		Diameter	
	High pressure	Low pressure	High pressure	Service valve
EP192	φ22(7/8)	Brazed	φ28.58(1-1/8)	Brazed
EP216	φ22(7/8)	Brazed	φ28.58(1-1/8)	Brazed
EP216	φ22(7/8)	Brazed	φ28.58(1-1/8)	Brazed
EP216	φ22(7/8)	Brazed	φ28.58(1-1/8)	Brazed
EP216	φ28.58(1-1/8)	Brazed	φ28.58(1-1/8)	Brazed
EP240	φ22(7/8)	Brazed	φ28.58(1-1/8)	Brazed
EP240	φ28.58(1-1/8)	Brazed	φ28.58(1-1/8)	Brazed

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

Connect the refrigerant pipe to the service valve according to the Installation Manual.

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

No.	Usage	Specifications
①	Front through hole	148(5-7/8) X 84(3-5/16) Knockout hole
②	For pipes	Bottom through hole
③		150(5-15/16) X 94(3-3/4) Knockout hole
④	Front through hole	#627(2-1/2) or #345(1-3/8) Knockout hole
⑤	Front through hole	#437(1-3/4) or #227(7/8) Knockout hole
⑥	For wires	Bottom through hole
⑦		#615(9/16) Knockout hole
⑧	Bottom through hole	#522(1-1/8) Knockout hole
⑨	For transition	Front through hole
⑩	For transition	#341(3-3/8) Knockout hole
⑪	Bottom through hole	#341(3-3/8) Knockout hole



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