

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PUHY-EP240TNU-A1

Seacoast (BS) Model PUHY-EP240TNU-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.

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. Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°F D.B./67°F W.B. (26.7°C D.B./19.4°C W.B.), Outdoor: 95°F D.B. (35°C D.B.)
2. Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°F D.B. (21.1°C D.B.), Outdoor: 47°F D.B./43°F W.B. (8.3°C D.B./6.1°C W.B.)
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			PUHY-EP240TNU-A1 (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1 (Nominal)	(208-230)	BTU/h	224,000	
		kW	65.7	
		Power input	21.35	
	(Rated)	Current input	65.8-59.5	
		BTU/h	214,000	
		kW	62.7	
(208-230)	(Rated)	Power input	21.36	20.89
		Current input	65.8-59.5	64.4-58.2
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)	(208-230)	BTU/h	250,000	
		kW	73.3	
		Power input	21.44	
	(Rated)	Current input	66.1-59.7	
		BTU/h	240,000	
		kW	70.3	
(208-230)	(Rated)	Power input	19.61	19.96
		Current input	60.4-54.6	61.5-55.6
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		50~130% of outdoor unit capacity	
	Model/Quantity		P04~P96/2~50	
Sound power level (measured in anechoic room) *3		dB <A>	91.5/87.0	
Refrigerant piping diameter	Liquid pipe	in. (mm)	5/8 (15.88) Braze	
	Gas pipe	in. (mm)	1-3/8 (34.93) Braze	
Minimum Circuit Ampacity (*)		A	88-85	
Maximum Overcurrent Protection (*)		A	150-125	
FAN	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	14,100 / 13750	
		m3/min	400 / 390	
	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	17.0 x 1	
	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		LEV and HIC circuit	
Net weight		lbs (kg)	874 (396)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Optional parts			Joint: CMY-Y102SS/102LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G	

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

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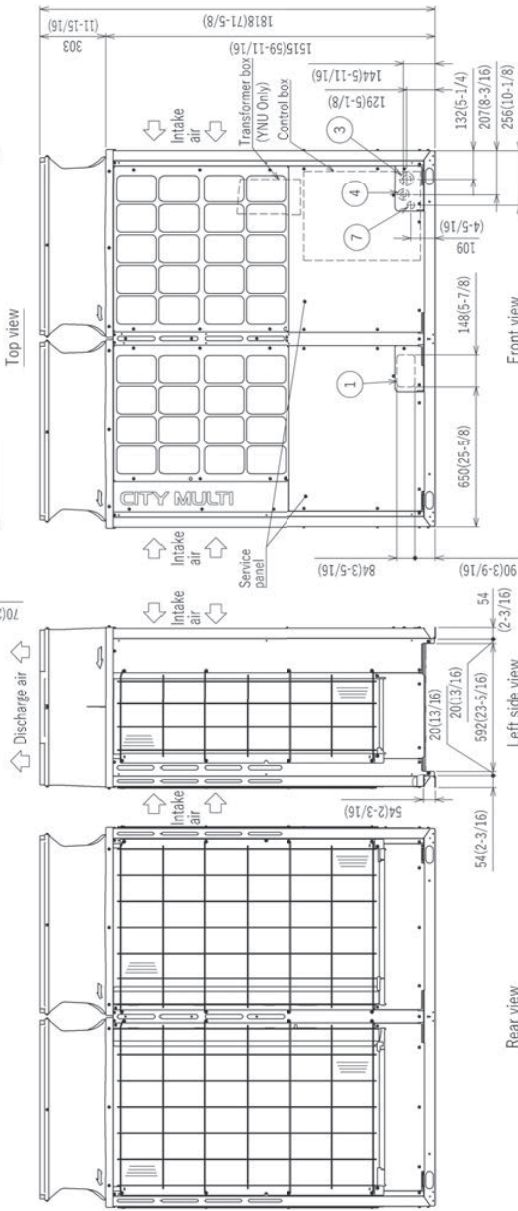
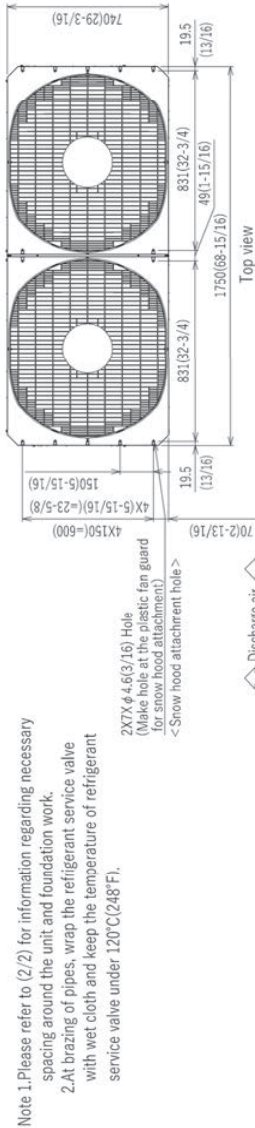
Module: PUHY-EP240TNU-A1(-BS) - DIMENSIONS

Unit: mm (in.)

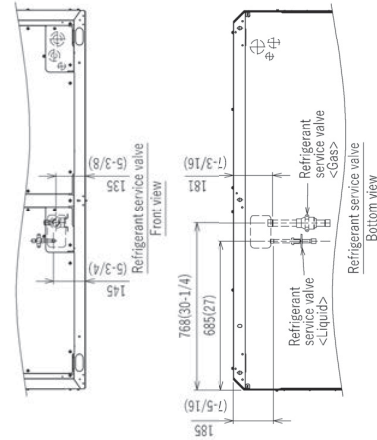
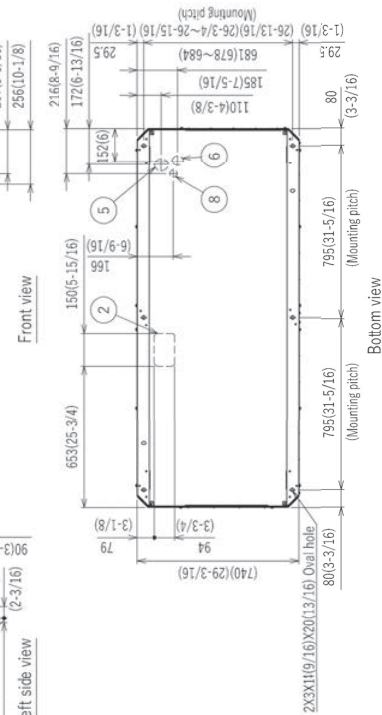
Connecting pipe specifications

Model	Diameter		
	Refrigerant pipe *1	Liquid	Gas
EP192	φ15.88(5/8) Braze	φ28.58(1-1/8) Braze	φ15.88(5/8)
EP216	φ15.88(5/8) Braze	φ34.93(1-3/8) Braze	φ15.88(5/8)
EP240	φ15.88(5/8) Braze	φ34.93(1-3/8) Braze	φ15.88(5/8)

*1 Connect the refrigerant pipe to the service valve according to the installation Manual.



No.	Usage	Specifications
①	For pipes	Front through hole 148(5-7/8) X 84(3-1/4) Knockout hole
②		Bottom through hole 150(5-15/16) X 94(3-3/4) Knockout hole
③		Front through hole 62(2-1/2) or 34(1-3/8) Knockout hole
④		Front through hole 43(1-3/4) or 22(27/8) Knockout hole
⑤		Bottom through hole 65(2-9/16) Knockout hole
⑥		Bottom through hole 45(2-1/16) Knockout hole
⑦	For transmission cables	Front through hole 34(1-3/8) Knockout hole
⑧		Bottom through hole 34(1-3/8) Knockout hole



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