

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PUHY-EP192TNU-A1

Seacoast (BS) Model PUHY-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.

ACCESSORIES

Snow/Wind Guards - (See separate submittal)

Panel Heater - (PAC-PH03EHYU-E(1)) (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 FD.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 FD.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. External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa, 80 Pa).

Specifications are subject to change without notice.

Outdoor Model			PUHY-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	16.66		
		(208-230) Current input	A	51.3-46.4		
(Rated)		BTU/h	184,000			
		kW	53.6			
		Power input	kW	17.64	17.44	
		(208-230) Current input	A	54.4-49.2	53.7-48.6	
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	63.0			
		Power input	kW	16.38		
		(208-230) Current input	A	50.5-45.6		
(Rated)		BTU/h	204,000			
		kW	59.8			
		Power input	kW	14.35	15.55	
		(208-230) Current input	A	44.2-40.0	47.9-43.3	
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		50~130% of outdoor unit capacity		
		Model/Quantity		P04~P96/1~48		
Sound power level (measured in anechoic room) *3		dB <A>	88.0/86.5			
Refrigerant	Liquid pipe	in. (mm)	5/8 (15.88) Brazed			
piping diameter	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed			
Minimum Circuit Ampacity (*)		A	80-74			
Maximum Overcurrent Protection (*)		A	125-125			
FAN		Type x Quantity		Propeller fan x 2		
		Airflow rate	cfm	14100 / 13750		
			m3/min	400 / 390		
		Control, Driving mechanism		Inverter-control, Brushless DC motor		
		Motor output	kW	0.92+0.92		
*4 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 x 1		
		Case heater	kW	0.048		
		Lubricant		MEL32		
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			
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 (11.8kg)		
		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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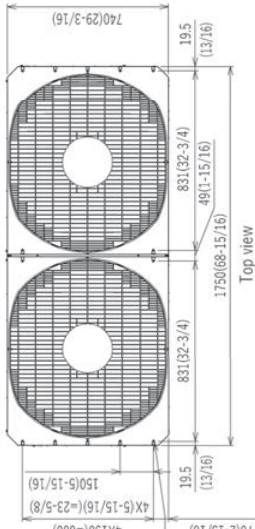
Module: PUHY-EP192TNU-A1(-BS) - DIMENSIONS

Unit: mm (in.)

Connecting pipe specifications

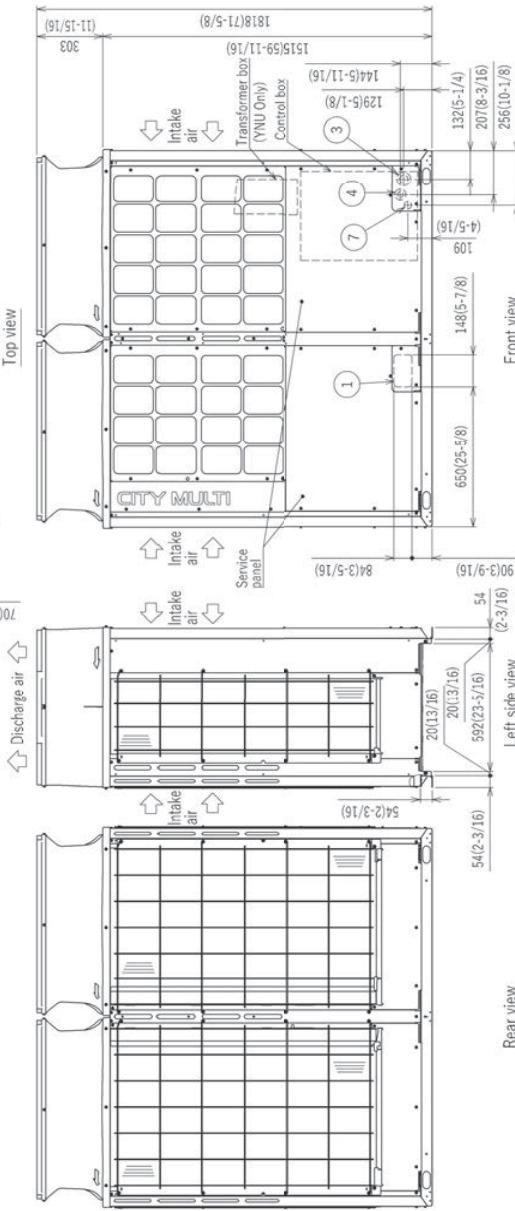
Model	Diameter		
	Refrigerant pipe *1	Liquid	Gas
EP192	φ 28.58(1-1/8) Braze	φ 15.88(5/8) Braze	φ 28.58(1-1/8) Braze
EP216	φ 34.93(1-3/8) Braze	φ 15.88(5/8) Braze	φ 28.58(1-1/8) Braze
EP240	φ 34.93(1-3/8) Braze	φ 15.88(5/8) Braze	φ 28.58(1-1/8) Braze

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

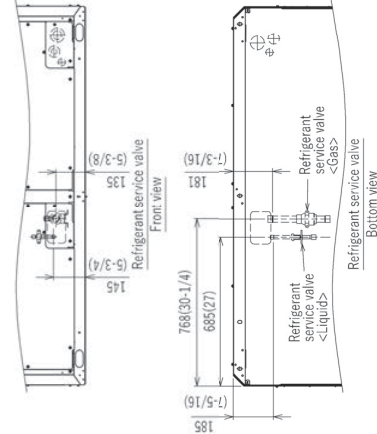
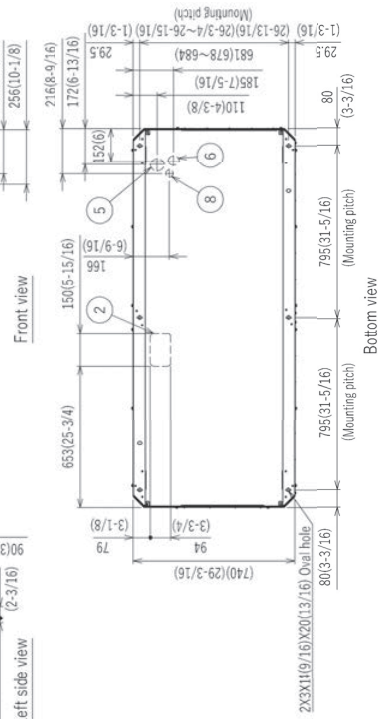


Note 1. Please refer to (2/2) for information regarding necessary spacing around the unit and foundation work.
2. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

2X7X4.6(3/16) Hole
(Make hole at the plastic fan guard for snow hood attachment)
< Snow hood attachment hole >



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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