

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PUHY-EP216TNU-A1

Seacoast (BS) Model PUHY-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.

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:

- 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.)
- 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.)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- 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-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		
(208-230)			Power input		kW		
			Current input		A		
(Rated)			BTU/h		206,000		
			kW		60.4		
(208-230)			Power input		kW		20.56
			Current input		A		63.4-57.3
							62.0-56.1
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		243,000		
			kW		71.2		
(208-230)			Power input		kW		
			Current input		A		
(Rated)			BTU/h		232,000		
			kW		68.0		
(208-230)			Power input		kW		17.79
			Current input		A		54.8-49.6
							58.3-52.7
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			Total capacity		50~130% of outdoor unit capacity		
connectable			Model/Quantity		P04~P96/2~50		
Sound power level (measured in anechoic room) *3				dB <A>		88.0-86.5	
Refrigerant			Liquid pipe		in. (mm) 5/8 (15.88) Braze		
piping diameter			Gas pipe		in. (mm) 1-3/8 (34.93) Braze		
Minimum Circuit Ampacity (*)				A		88-80	
Maximum Overcurrent Protection (*)				A		150-125	
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		
			*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 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.

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

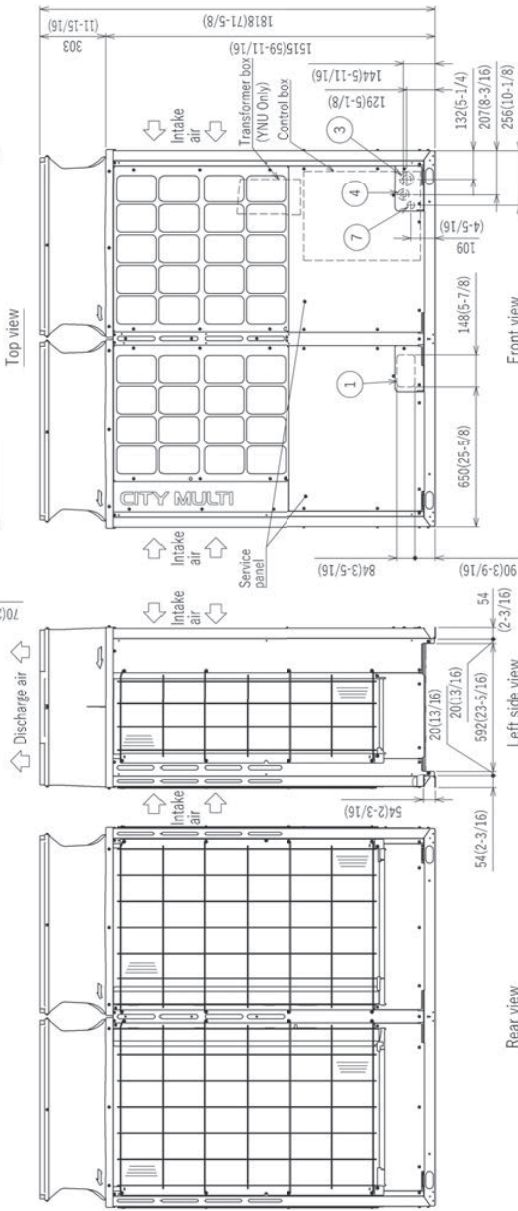
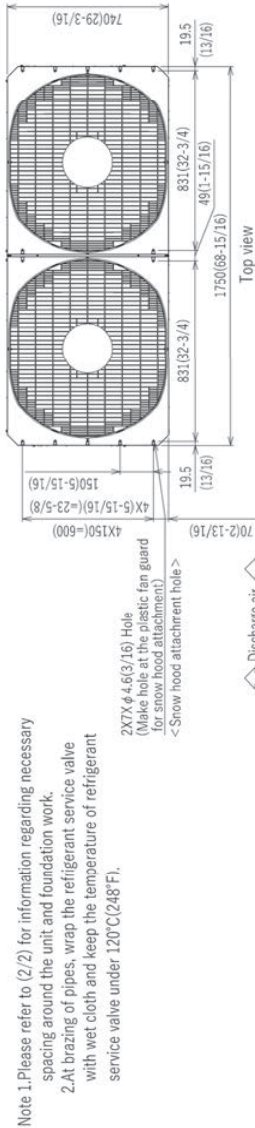
Module: PUHY-EP216TNU-A1(-BS) - DIMENSIONS

Unit: mm (in.)

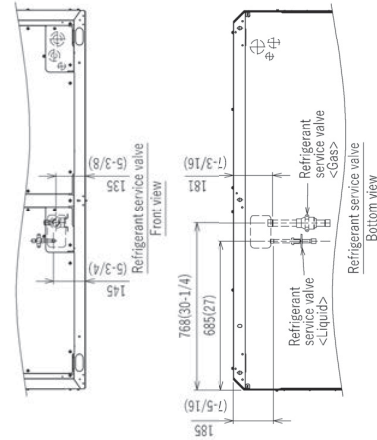
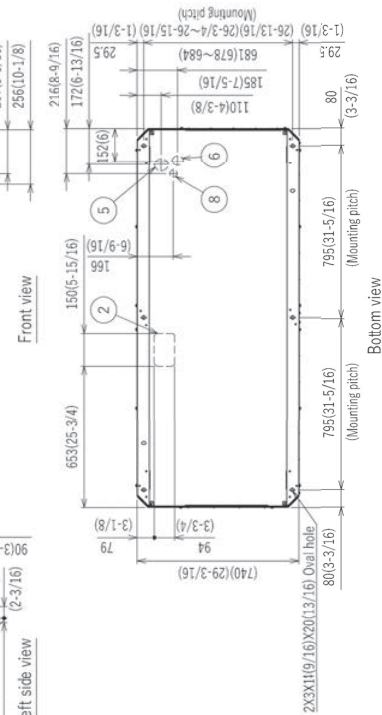
Connecting pipe specifications

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

*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	For wires	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



Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.