

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PUHY-EP240TNU-A

Seacoast (BS) Model PUHY-EP240TNU-A-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-EP240TNU-A (-BS)					
Indoor Model				Non-Ducted		Ducted			
Power source				3-phase 3-wire 208-230 V ±10% 60 Hz					
Cooling capacity *1 (Nominal)			BTU/h		224,000				
			kW		65.7				
(208-230)			Power input		kW		21.35		
			Current input		A		65.8-59.5		
(Rated)			BTU/h		214,000				
			kW		62.7				
(208-230)			Power input		kW		21.36	20.89	
			Current input		A		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)			BTU/h		250,000				
			kW		73.3				
(208-230)			Power input		kW		21.44		
			Current input		A		66.1-59.7		
(Rated)			BTU/h		240,000				
			kW		70.3				
(208-230)			Power input		kW		19.61	19.96	
			Current input		A		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		-		
			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.

Unit: mm (in.)

Note 1. Please refer to the next page 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).

Rear view

54(2-3/16)

54(2-3/16)

20(13/16)

20(13/16)

592(23-5/16)

54(2-3/16)

135(5-3/8)

145(5-3/4)

84(3-5/16)

19.5

600=150×4

23.5(8)×5-15/16×4

150(5-15/16)

19.5(13/16)

70(2-13/16)

Discharge air

Intake air

Refrigerant service valve <liquid>

Refrigerant service valve <gas>

Refrigerant service valve

Refrigerant service valve

Intake air

Intake air

Left side view

54(2-3/16)

54(2-3/16)

20(13/16)

20(13/16)

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Discharge air

Intake air

Refrigerant service valve <liquid>

Refrigerant service valve <gas>

Refrigerant service valve

Refrigerant service valve

Intake air

Intake air

Top view

1750(68-15/16)

831(32-3/4)

49(1-15/16)

831(32-3/4)

19.5(13/16)

740(29-3/16)

303

11-15/16

1818(71-5/8)

1515(59-11/16)

144(5-11/16)

129(5-1/8)

132(5-1/4)

207(8-3/16)

256(10-1/8)

216(8-9/16)

172(6-13/16)

152(6)

29.5

681(67-8/8)

26-13/16

26-3/4

26-15/16

185(7-5/16)

110(4-3/8)

166

166

181

150(5-15/16)

653(25-3/4)

768(30-1/4)

685(27)

795(31-5/16)

795(31-5/16)

80

29.5

1-3/16

26-13/16

26-3/4

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