

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-P264TSNU-A

Seacoast (BS) Model PURY-P264TSNU-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.

System requires firmware Ver. 26.35 or later.

ACCESSORIES

Snow/Wind Guards - (See separate submittal)

Panel Heater - (PAC-PH02EHYU-E) (x2)

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. When applying product below -4°F, consult your design engineer for cold climate application best practices, including the use of a backup source for heating.
 4. Cooling mode/Heating mode
 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).
- * Due to continuing improvement, above specifications may be subject to change without notice.

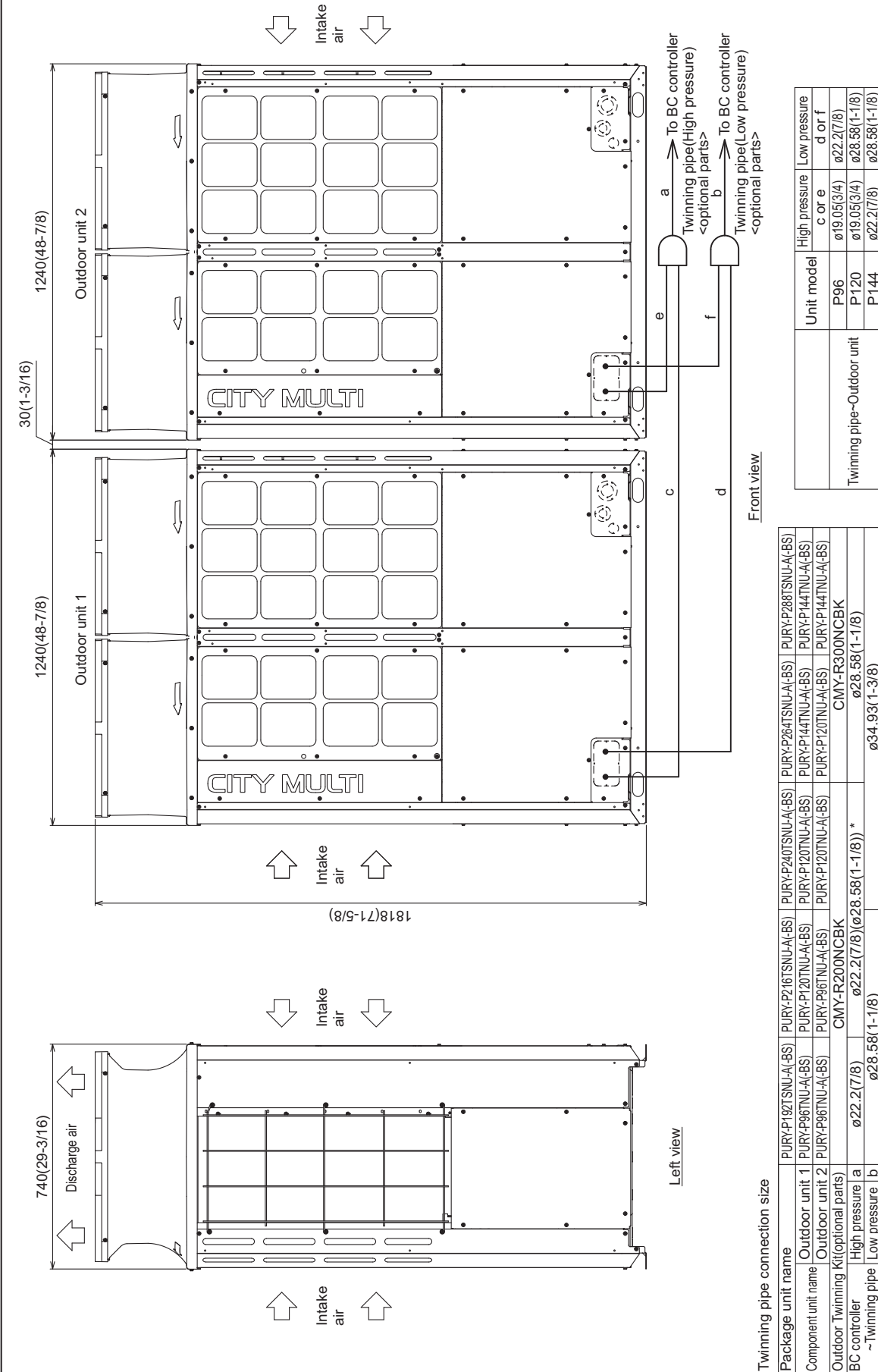
Outdoor Model			PURY-P264TSNU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1 (Nominal)		BTU/h	264,000	
		kW	77.4	
		Power input	23.14	
	(208-230)	Current input	71.3-64.5	
		BTU/h	252,000	
		kW	73.9	
	(208-230)	Power input	26.01	25.85
		Current input	80.2-72.5	79.7-72.0
		BTU/h	295,000	
		kW	86.5	
Heating capacity *2 (Nominal)		BTU/h	295,000	
		kW	86.5	
		Power input	24.99	
	(208-230)	Current input	77.0-69.7	
		BTU/h	280,000	
		kW	82.1	
	(208-230)	Power input	22.82	22.88
		Current input	70.3-63.6	70.5-63.8
		BTU/h	295,000	
		kW	86.5	
Temp. range of cooling	Indoor	W.B.	59~75°F (15~24°C)	
	Outdoor	D.B.	23~126°F (-5~52°C)	
	Indoor	D.B.	59~81°F (15~27°C)	
	Outdoor	W.B.	-13~60°F (-25~15.5°C)	
Indoor unit connectable			50~150% of outdoor unit capacity	
Total capacity			50~150% of outdoor unit capacity	
Model/Quantity			P04~P96/2~50	
Sound power level (measured in anechoic room) *4			dB <A> 87.0/87.0	
Refrigerant			1-1/8 (28.58) Braze	
Piping diameter			1-3/8 (34.93) Braze	

Set Model

Model			PURY-P144TNU-A (-BS)	PURY-P120TNU-A (-BS)
Minimum Circuit Ampacity (*)		A	60-55	50-46
Maximum Overcurrent Protection (*)		A	100-90	80-70
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	9,550	8,300
		m3/min	270	235
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor
	Motor output	kW	0.46+0.46	0.46+0.46
		HP	0.62+0.62	0.62+0.62
*5 External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Starting method		Inverter	Inverter
	Motor output	kW	9.9	7.8
		HP	13.4	10.6
	Lubricant		MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1>	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 48-7/8 x 29-3/16	71-5/8 x 48-7/8 x 29-3/16
		mm	1,818 x 1,240 x 740	1,818 x 1,240 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Fan motor		-	-
Refrigerant	Type x original charge		R410A x 23 lbs + 12 oz (10.8 kg)	R410A x 17 lbs + 10 oz (8.0 kg)
	Control		Indoor LEV and BC controller	
Net weight		lbs (kg)	646 (293)	598 (271)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-	-
Pipe between unit and distributor	High pressure	in. (mm)	7/8 (22.2) Brazed	3/4 (19.05) Brazed
	Low pressure	in. (mm)	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Optional parts		Outdoor Twinning kit: CMY-R300NCBK		
		Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-Y202S-G2,CMY-R160-J1		
		CMY-R201,202,203,204,205,306S-G, CMY-R302,303,304,305S-G1		
		Main BC controller: CMB-P108,1012,1016NU-JA1,CMB-P1016NU-KA1		
		Sub BC controller: CMB-P104,108NU-KB1		

Specifications are subject to change without notice.

Module: PURY-P264TSNU-A(-BS) - DIMENSIONS

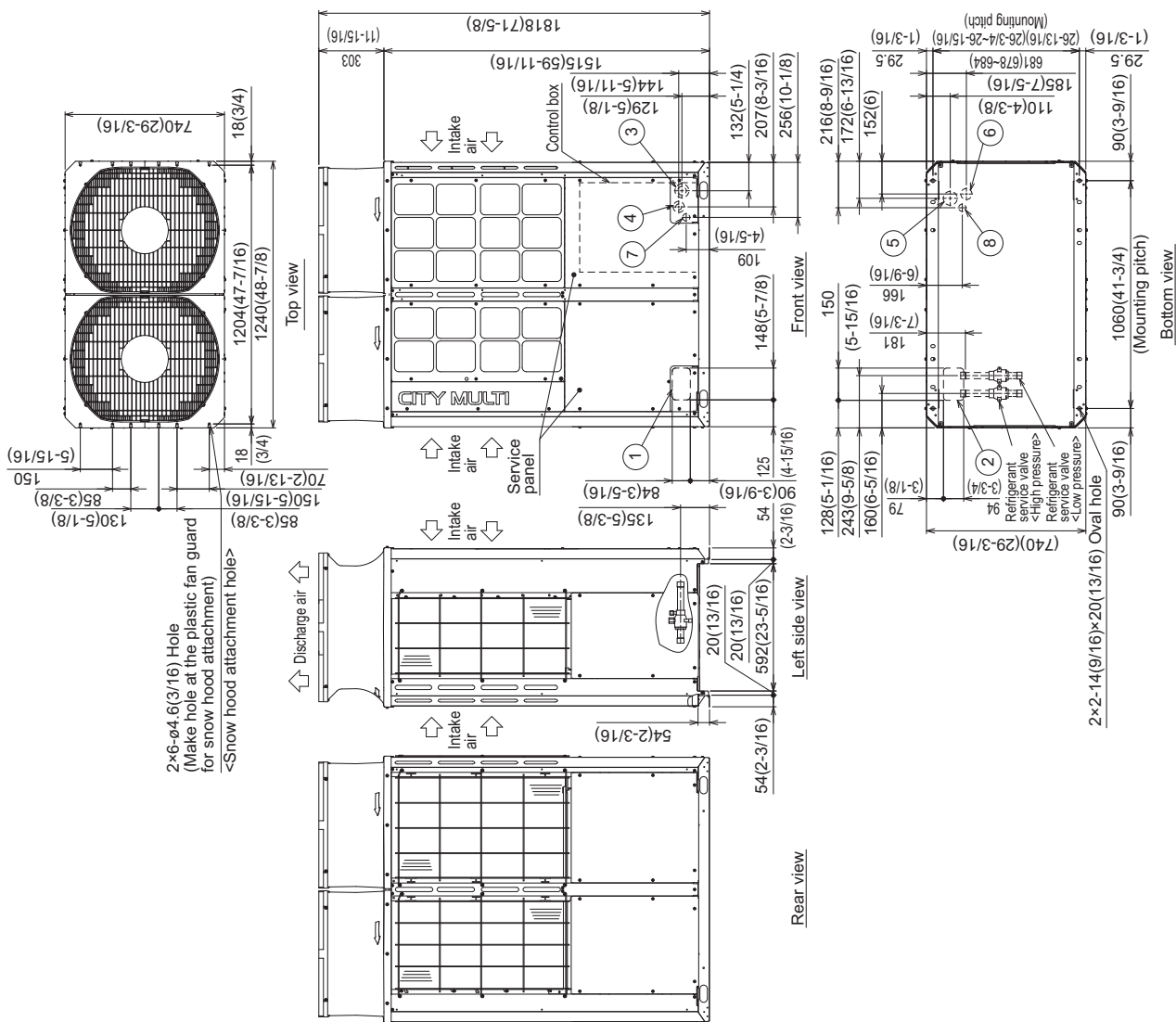


Unit: mm (in.)

Module: PURY-P120_144TNU-A(-BS) - DIMENSIONS

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).



Connecting pipe specifications

Model	Refrigerant pipe			Diameter	
	High pressure	Low pressure	Brazed*1	High pressure	Low pressure
P96	ø19.05(3/4)	Brazed*1	ø22.2(7/8)	ø23.5(1-1/8)	ø28.5(1-1/8)
P120	ø19.05(3/4)	Brazed*1	ø22.2(7/8)	ø23.5(1-1/8)	ø28.5(1-1/8)
P144	ø19.05(3/4)	Brazed*1	ø22.2(7/8)	ø23.5(1-1/8)	ø28.5(1-1/8)

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

NO.	Usage	Specifications
①	Front through hole	148(5-7/8) x 84(3-5/16) Knockout hole
②	Bottom through hole	150(5-15/16) x 94(3-3/4) Knockout hole
③	Front through hole	ø62.7(2-1/2) or ø34.5(1-3/8) Knockout hole
④	Front through hole	ø43.7(1-3/4) or ø22.2(7/8) Knockout hole
⑤	Bottom through hole	ø65(2-9/16) Knockout hole
⑥	Bottom through hole	ø52(2-1/16) Knockout hole
⑦	Front through hole	ø34(1-3/8) Knockout hole
⑧	Bottom through hole	ø34(1-3/8) Knockout hole

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