

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-P192TSNU-A

Seacoast (BS) Model PURY-P192TSNU-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.

Outdoor Model				PURY-P192TSNU-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	192,000					
			kW	56.3					
			Power input	14.44					
			(208-230)	Current input	A		44.5-40.2		
(Rated)			BTU/h	184,000					
			kW	53.9					
			Power input	kW		16.75	16.70		
			(208-230)	Current input	A		51.6-46.7	51.5-46.5	
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					
			Power input	kW			16.4		
			(208-230)	Current input	A		50.5-45.7		
			(Rated)			BTU/h	204,000		
						kW	59.8		
			Power input	kW		14.88	15.04		
			(208-230)	Current input	A		45.8-41.5	46.3-41.9	
Temp. range of heating *3			Indoor	D.B.	59~81°F (15~27°C)				
			Outdoor	W.B.	-13~60°F (-25~15.5°C)				
Indoor unit connectable			Total capacity		50~150% of outdoor unit capacity				
			Model/Quantity		P04~P96/1~48				
Sound power level (measured in anechoic room) *4			dB <A>	80.5/82.0					
Refrigerant piping diameter			High pressure	in. (mm)	7/8 (22.2) Brazed				
			Low pressure	in. (mm)	1-1/8 (28.58) Brazed				

Set Model

Model			PURY-P96TNU-A (-BS)	PURY-P96TNU-A (-BS)
Minimum Circuit Ampacity (*)		A	40-37	40-37
Maximum Overcurrent Protection (*)		A	60-50	60-50
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	7,400	7,400
		m3/min	210	210
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor
	Motor output	kW	0.46+0.46	0.46+0.46
*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	5.6	5.6
	Case heater	kW		
	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 17 lbs + 10 oz (8.0 kg)	R410A x 17 lbs + 10 oz (8.0 kg)
	Control		Indoor LEV and BC controller	
Net weight		lbs (kg)	576 (261)	576 (261)
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)	3/4 (19.05) Brazed	3/4 (19.05) Brazed
	Low pressure	in. (mm)	7/8 (22.2) Brazed	7/8 (22.2) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Optional parts	Outdoor Twinning kit: CMY-R200NCBK			
	Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-Y202S-G2,CMY-R160-J1			
	CMY-R201,202,203,204,306S-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			

Notes:

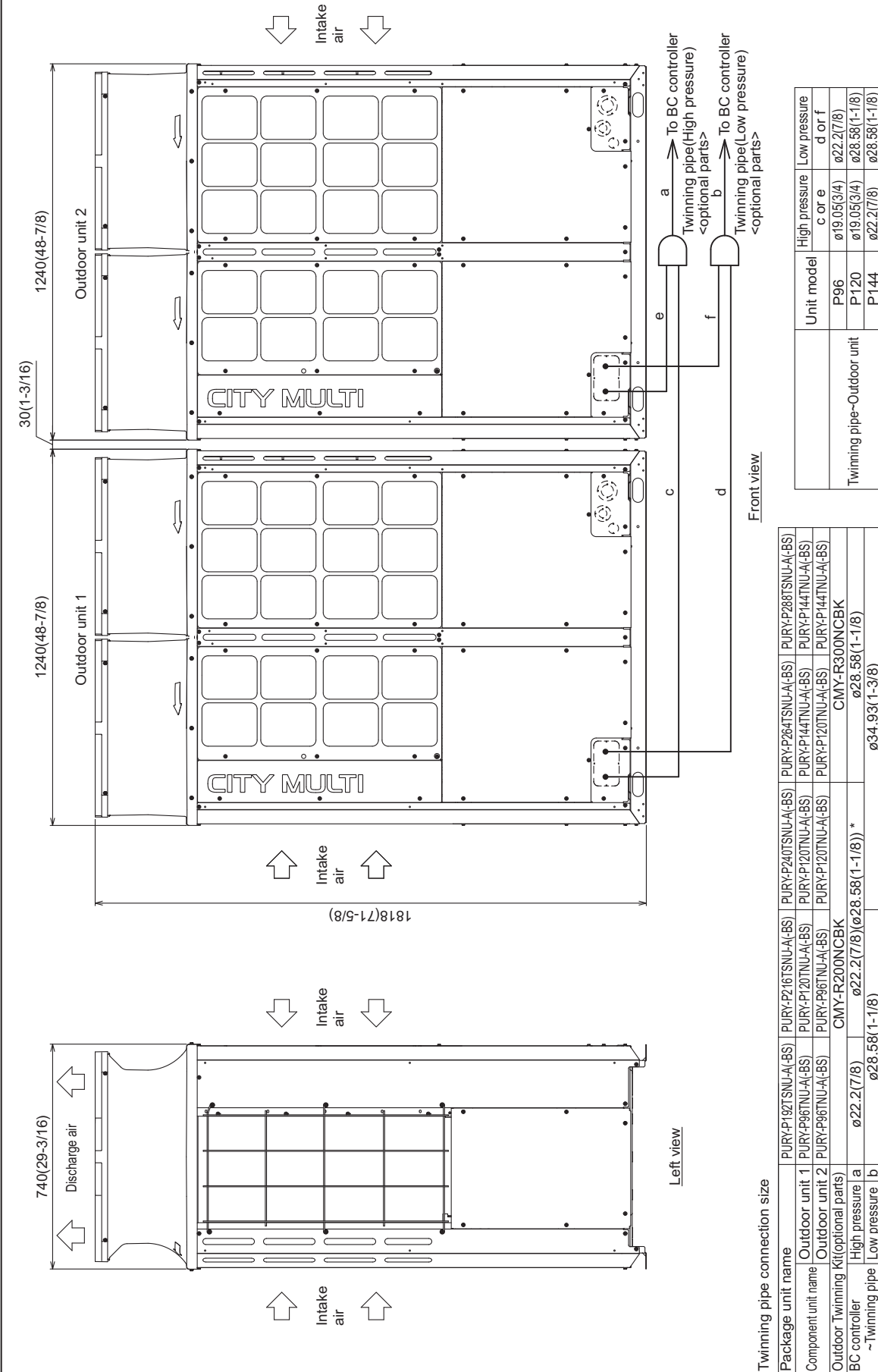
- Nominal cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°F DB, 67°F WB, 26.7°C DB, 19.4°C WB, Outdoor: 95°F DB, (35°C DB)
- Nominal heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°F DB, (21.1°C DB), Outdoor: 47°F DB, 43°F WB, (8.3°C DB, 6.1°C WB)
- When applying product below -4°F, consult your design engineer for cold climate application best practices, including the use of a backup source for heating.
- Cooling mode/Heating mode
- 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.

Specifications are subject to change without notice.

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

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Module: PURY-P192TSNU-A(-BS) - DIMENSIONS



Unit: mm (in.)

Specifications are subject to change without notice.

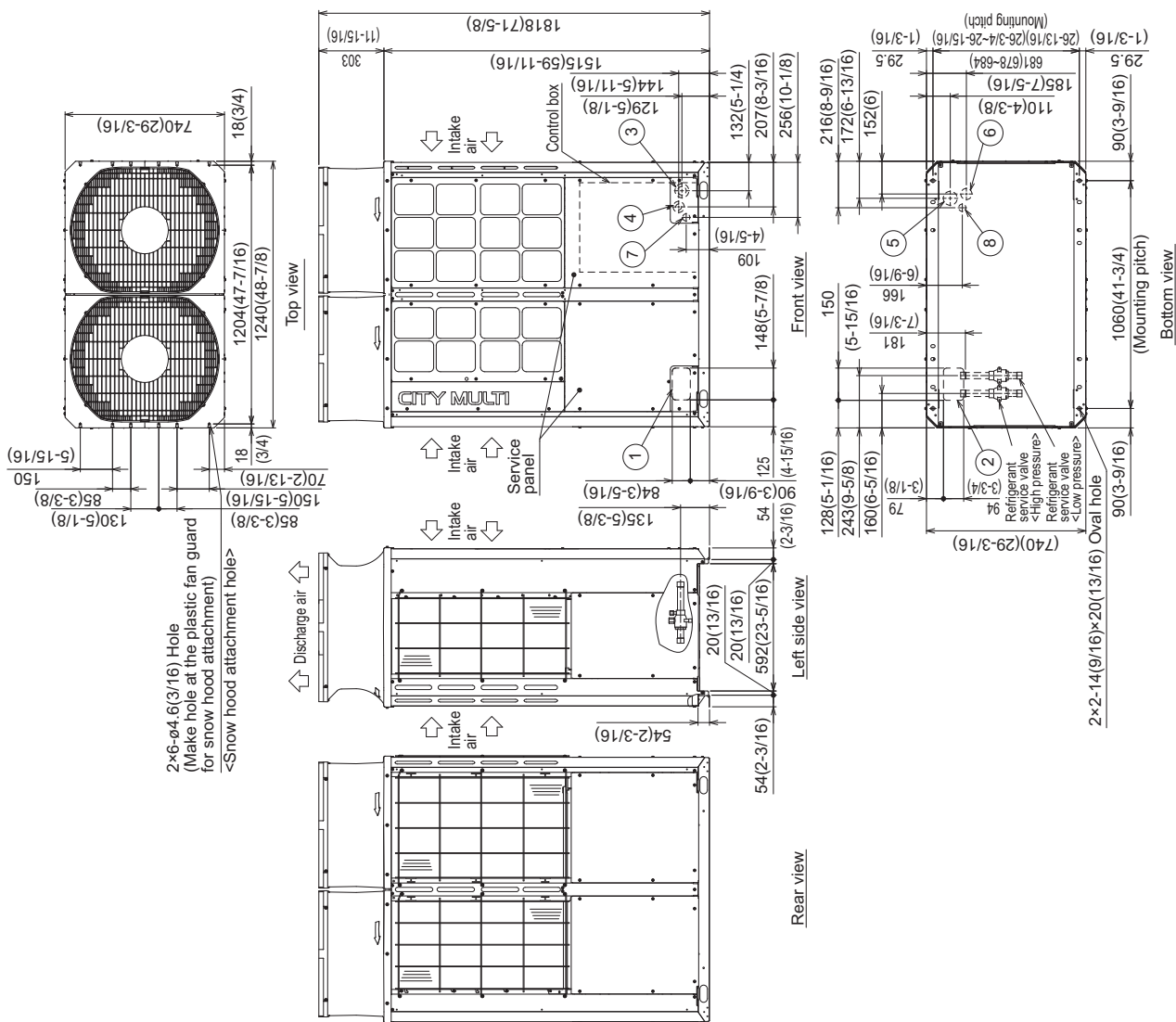
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- * When the piping length is 65m(213ft) or longer, use the ø28.58(1-1/8) pipe for the part that exceeds 65m(213ft).
- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.
- Be sure to see the Installation Manual for details of Twinning pipe installation.
3. The pipe section before the Twinning pipe (section "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section (*including the straight pipe that is supplied with the Twinning pipe).
4. Only use the Twinning pipe by Mitsubishi (optional parts).

Module: PURY-P96TNU-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	Diameter			
	Refrigerant pipe		Service valve	
P96	High pressure	Low pressure	High pressure	Low pressure
P120	ø19.05(3/4) Brazer*1	ø22.2(7/8) Brazer*1	ø23.5(1-1/8)	ø23.5(1-1/8)
P144	ø22.2(7/8) Brazer*1	ø23.5(1-1/8) Brazer*1	ø23.5(1-1/8)	ø23.5(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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