

Job Name:

Schedule Reference:

Date:

**UNIT OPTION**

Standard Model PURY-P336TSNU-A1

Seacoast (BS) Model PURY-P336TSNU-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.

System requires firmware Ver. 26.35 or later.

ACCESSORIES

Snow/Wind Guards - (See separate submittal)

Panel Heater - (PAC-PH03EHYU-E(1)) (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-P336TSNU-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	336,000			
			kW	98.5			
(208-230)			Power input	kW		33.76	
			Current input	A		104.1-94.1	
(Rated)			BTU/h	320,000			
			kW	93.8			
(208-230)			Power input	kW		33.80	34.53
			Current input	A		104.2-94.2	106.4-96.3
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	378,000			
			kW	110.8			
(208-230)			Power input	kW		33.66	
			Current input	A		103.8-93.8	
(Rated)			BTU/h	360,000			
			kW	105.5			
(208-230)			Power input	kW		31.30	30.34
			Current input	A		96.5-87.2	93.5-84.6
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~P96/2~50		
Sound power level (measured in anechoic room) *4				dB <A>	84.5/88.5		
Refrigerant			High pressure	in. (mm)	1-1/8 (28.58) Brazed		
piping diameter			Low pressure	in. (mm)	1-5/8 (41.28) Brazed		

Set Model

Model			PURY-P168TNU-A1 (-BS)	PURY-P168TNU-A1 (-BS)
Minimum Circuit Ampacity (*)		A	66-64	66-64
Maximum Overcurrent Protection (*)		A	110-100	110-100
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	14,850	14,850
		m3/min	420	420
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor
	Motor output	kW	0.92+0.92	0.92+0.92
+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	12.2	12.2
	Case heater	kW	0.045	0.045
	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 68-15/16 x 29-3/16	71-5/8 x 68-15/16 x 29-3/16
		mm	1,818 x 1,750 x 740	1,818 x 1,750 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 23 lbs + 12 oz (10.8 kg)
	Control		Indoor LEV and BC controller	
Net weight		lbs (kg)	739 (335)	739 (335)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Change)			-	
Pipe between unit and distributor	High pressure	in. (mm)	7/8 (22.2) Brazed	7/8 (22.2) Brazed
	Low pressure	in. (mm)	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
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-JA2,CMB-P1016NU-KA2			
	Sub BC controller: CMB-P104,108NU-KB2			

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).

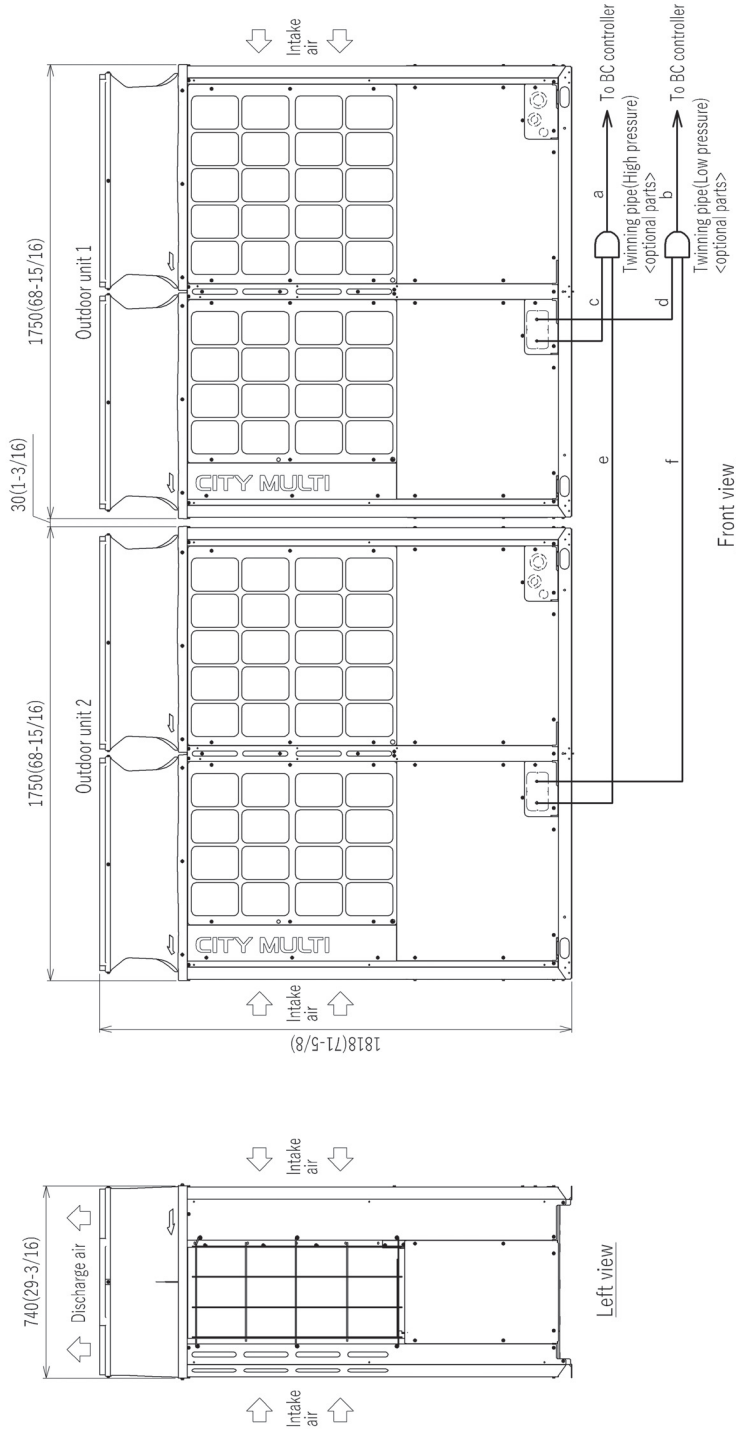
* Due to continuing improvement, above specifications may be subject to change without notice.

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-P336TSNU-A1(-BS) - DIMENSIONS



Twinning pipe connection size

Package unit name	(E)P336T/YSNU
Component unit name	(E)P168T/YNU
Outdoor unit 1	(E)P168T/YNU
Outdoor unit 2	(E)P168T/YNU
Outdoor Twinning Kit(optional parts)	CMY-R300NCBK
BC controller	
~Twinning pipe	
High pressure	a ϕ 28.58(1-1/8)
Low pressure	b ϕ 41.28(1-5/8)
Twinning pipe	
High pressure	c ϕ 22.2(7/8)
~Outdoor unit 1	
Low pressure	d ϕ 28.58(1-1/8)
Twinning pipe	
High pressure	e ϕ 22.2(7/8)
~Outdoor unit 2	
Low pressure	f ϕ 28.58(1-1/8)

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
 2. Twinning pipes must be installed horizontally using a level vessel.
 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).

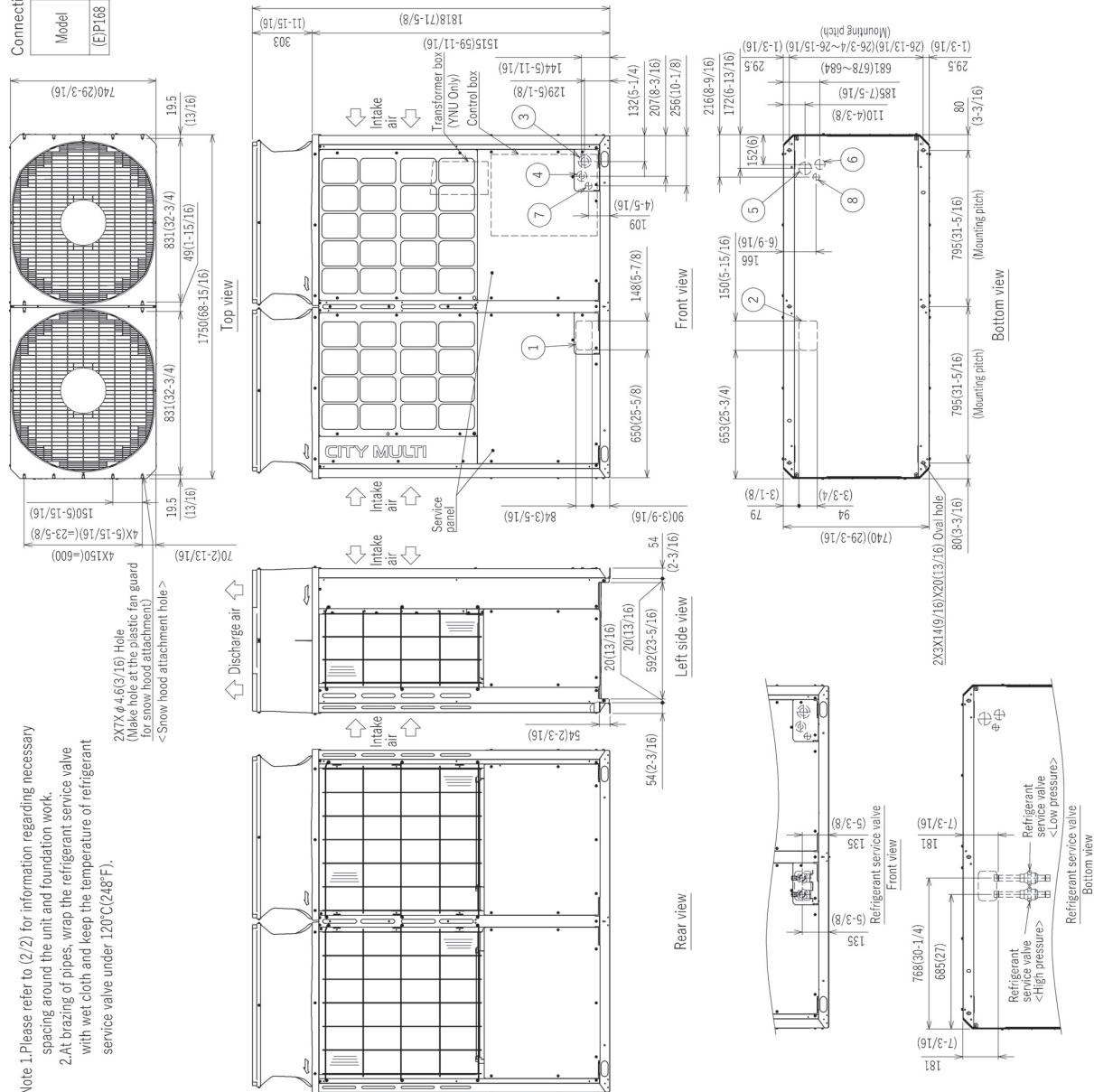
Unit: mm (in.)

Unit: mm (in.)

Model	Refrigerant pipe "1		Diameter	
	High pressure	Low pressure	High pressure	Low pressure
(EP)168	22.22(7/8)	Brazed	28.58(1-1/8)	28.58(1-1/8)
			28.58(1-1/8)	28.58(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	For pipes	Bottom through hole 150(5-15/16) x 94(3-3/4) Knockout hole
③	Front through hole	62(2-1/2) or ϕ 34(1-3/8) Knockout hole
④	Front through hole	64(2-1/2) or ϕ 22(7/8) Knockout hole
⑤	For wires	Front through hole 43(7-1/4) or ϕ 22(7/8) Knockout hole
⑥	Bottom through hole	65(2-9/16) Knockout hole
⑦	For transmission	Bottom through hole 52(2-1/16) Knockout hole
⑧	Front through hole	64(2-1/2) or ϕ 34(1-3/8) Knockout hole
⑨	Bottom through hole	64(2-1/2) or ϕ 34(1-3/8) Knockout hole



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