

Job Name:

Schedule Reference:

Date:



OUTDOORVRF HEATPUMP SYSTEM

**ACCESSORIES**

- T-Branch Joint (≤ 72,000 Btu/h) ..... CMY-Y102SS-G2
- Header - 4 Branch (Capacity: ≤ 72,000 Btu/h) ..... CMY-Y104C-G
- Header - 8 Branch (Capacity: ≤ 144,000 Btu/h) ..... CMY-Y108C-G
- Header - 10 Branch (Capacity: ≤ 234,000 Btu/h) ..... CMY-Y1010C-G

**UNIT OPTION**

- Standard Model.....PUHY-P72ZKMU-A
- Seacoast (BS) Model.....PUHY-P72ZKMU-A-BS

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

Specification		Model Name
Unit Type		PUHY-P72ZKMU-A (-BS)
Nominal Cooling Capacity (575 V)	Btu/h	72,000
Nominal Heating Capacity (575 V)	Btu/h	80,000
Operating Temperature Range	Cooling (Outdoor)	23~115° F (-5~46° C) DB
	Heating (Outdoor)	-4~60° F (-20~15.5° C) WB
External Dimensions (H x W x D)	In. (mm)	64-31/32 x 36-1/4 x 29-5/32 (1,650 x 920 x 740)
Net Weight	Lbs. (kg)	492 (223)
External Finish - Colour	(+ power coating for - BS type)	Pre-coated galvanized steel sheet - MUNSELL 5Y 8/1 or similar
Electrical Power Requirements	Voltage, Phase, Hertz	575 V, 3-Phase, 60Hz
Minimum Circuit Ampacity (MCA) *	A	11
Maximum Overcurrent Protection (MOP)	A	15
<i>Piping Diameter(Brazed)</i>		
From ODU to First Joint or Header (In. / mm)	Liquid (High Pressure)	3/8(9.52)
	Gas(LowPressure)	7/8(22.2)
Max. Total Refrigerant Line Length	Ft.	3,280
Max. Refrigerant Line Length (Between ODU & IDU)	Ft.	541
Max. Control Wiring Length	Ft.	1640
Indoor Unit	Total Capacity	50~130% of outdoor unit capacity
	Model/Quantity	P06~P72/1~15
Sound Pressure Levels	dB (A)	58.0
<i>Fan</i>		
Type x Quantity		Propeller fan x 1
Airflow Rate	CFM	5,850
External Static Pressure	In. WG	Selectable; 0, 0.12 or 0.24"WG; factory set to 0"W.G.
Compressor Operating Range		13% to 100%
Compressor Typex Quantity		Inverter scroll hermetic compressor x 1
Refrigerant		R410A x 19 lbs. + 13 oz. (9.0 kg)
Protection Devices	High Pressure	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter Circuit (Comp. / Fan)	Over-current protection
AHRI Ratings (Ducted/Non-Ducted)	EER	13/15
	IEER	22.5/27.3
	COP @ 47F - COP @ 17F	3.74/4.26 - 2.59/2.39
<b>Heat Exchanger</b>		<b>Salt resistant cross fin &amp; copper tube</b>

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Notes:

**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.**



Specifications are subject to change without notice.

# Module: PUHY-P72ZKMU-A (-BS) - DIMENSIONS

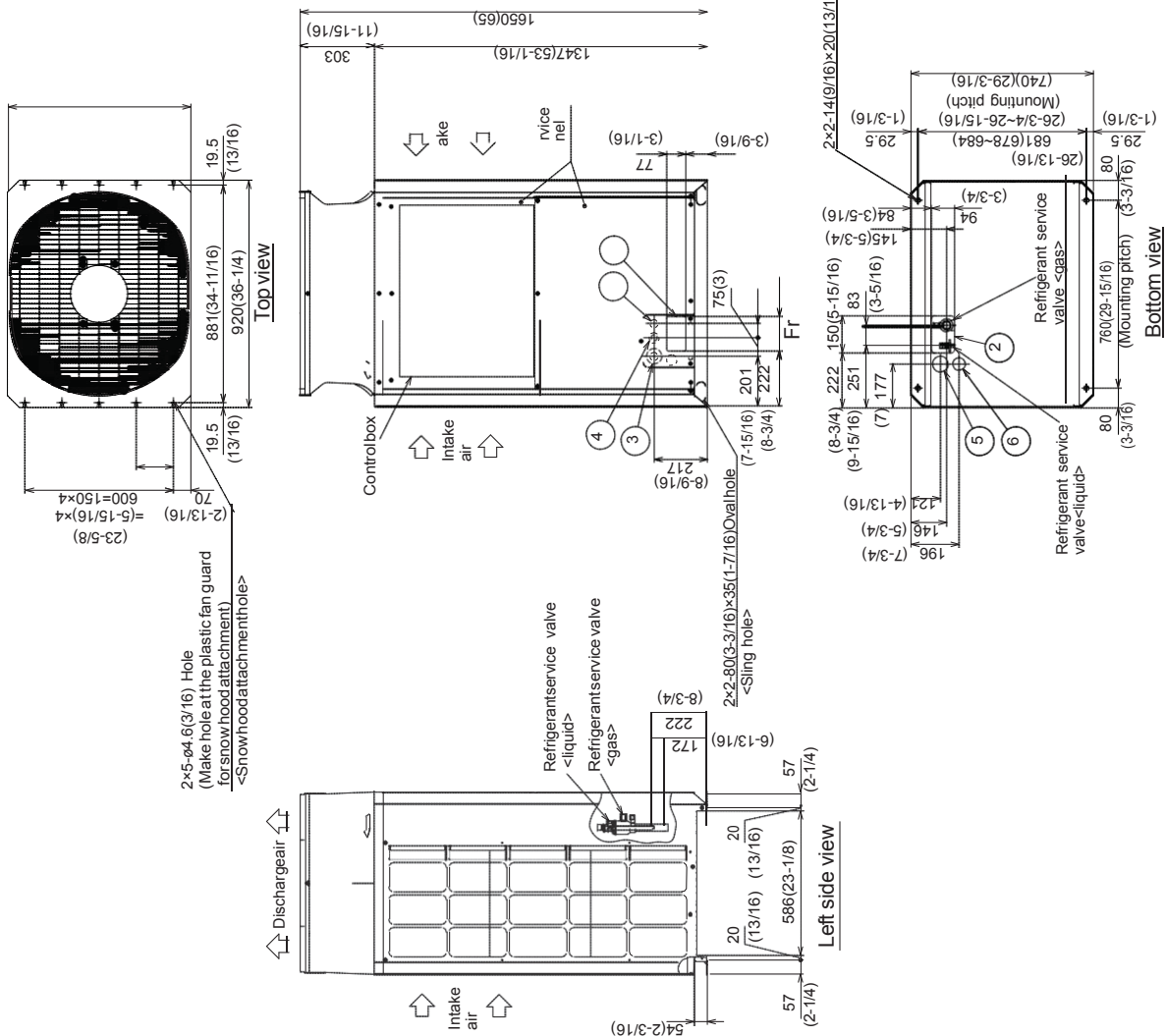
Note 1: Please refer to the next page for information regarding necessary spacing around the unit and foundation work.  
 2. After brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C (248°F).

## Connecting pipe specifications

Model	Refrigerant pipe		Diameter		Service valve	
	Liquid	Gas	Liquid	Gas	Liquid	Gas
PUHY-P72ZKMU	ø9.52 Braze (3/8)"*1	ø22.2 Braze (7/8)"*2	ø9.52 (3/8)	ø28.58 (1-1/8)	ø9.52 (3/8)	ø28.58 (1-1/8)

\*1 Expand the on-site piping and connect to the refrigerant service valve piping.  
 \*2 Use the pipe joint (field supply) and connect to the refrigerant service valve piping.

NO.	Usage	Specifications
①	Front through hole	140×77 Knockout hole (5-9/16) (3-1/16)
②	Bottom through hole	150×84 Knockout hole (5-15/16) (3-3/4)
③	Front through hole	ø62.7 or ø34.5 Knockout hole (2-1/2) (1-3/8)
④	Front through hole	ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑤	Bottom through hole	ø65 Knockout hole (2-9/16)
⑥	Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	Front through hole	ø34 Knockout hole (1-3/8)



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