

Job Name:

Schedule Reference:

Date:

OUTDOOR VRF SYSTEM FEATURES

- Innovative flash technology enables tremendous heating capacity at lower outdoor temperatures
- Modular design; two small capacity units can be piped together to form a large capacity system
- Compact size
- Inverter-driven (variable speed) scroll compressor
- Reduced defrost time

UNIT OPTION

- ☐ Standard Model.....PUHY-HP96TJMU-A
- ☐ Sea Coast (BS) Model.....PUHY-HP96TJMU-A-BS

OPTIONAL PARTS

- ☐ Joint Kit.....for details see Pipe Accessories Submittal
- ☐ Header Kit.....for details see Pipe Accessories Submittal



PUHY-HP96TJMU-A (-BS)

Specifications		Model Name
Unit Type		PUHY-HP96TJMU-A (-BS)
Nominal Cooling Capacity (208/230V)	Btu/h	96,000
Nominal Heating Capacity (208/230V)	Btu/h	108,000
Operating Temperature Range *1	Cooling (Outdoor)	23° ~ 109° F (-5° ~ +43° C) DB
	Heating (Outdoor)	-13° ~ +60° F (-25° ~ +15.5° C) WB
External Dimensions (H x W x D)	In. / mm	65 x 48-1/16 x 29-15/16 / 1,650 x 1220 x 760
Net Weight	Lbs. / kg	585 / 265
External finish		Pre-coated Galvanized-steel Sheets with thermoset polyester-resin
Electrical Power Requirements	Voltage, Phase, Hertz	208 / 230V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	74 / 68
Maximum Fuse Size	A	120 / 110
Piping Diameter (Brazed) (In. / mm)	Liquid (High Pressure)	1/2 / 12.7
	Gas (Low Pressure)	7/8 / 22.2
Indoor Unit	Total Capacity	50 to 130% of Outdoor Unit Capacity
	Model / Quantity	P06 to P96 / 1 to 20
Sound Pressure Levels	dB(A)	57.0
Fan		
Type x Quantity		Propeller Fan x 1
Airflow Rate	CFM	7,950
Compressor Operating Range		Cooling: 23% to 100%; Heating: 13% to 100%
Compressor Type x Quantity		Inverter-driven Scroll Hermetic x 1
Compressor Motor Output	kW	6.7
Compressor Crankcase Heater	kW	0.045
Refrigerant		R410A
Lubricant		MEL32
High-pressure Protection Device		601 psi / 4.15 MPa
Compressor / Fan Protection Device		Overheat Protection / Thermal Switch
Inverter Protection Device		Overheat / Overcurrent Protection
Blue Fin Anti-corrosion Protection: Cellulose- and polyurethane-resin coating treatment applied to condenser coil that protects it from air contaminants; ≥1µm thick; Salt Spray Test Method - no unusual rust development to 960 hours.		

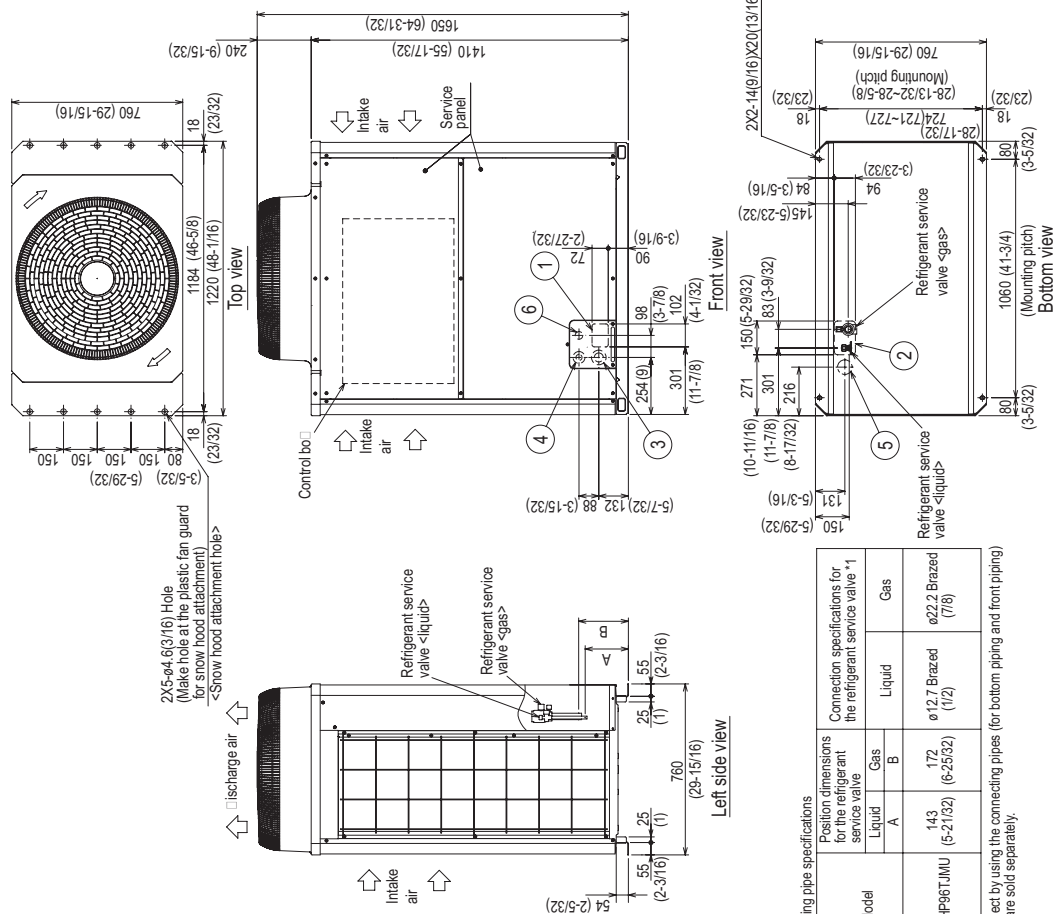
NOTES:

*1. Harsh weather environments may demand performance enhancing equipment. Ask your Mitsubishi Electric representative for more details about your region.

SEACOAST PROTECTION

- External Panel Base, External Front Panel, Pillar: Alloyed galvanized-steel sheets with thermoset polyester-resin coating on internal and external surfaces
- Compressor Cover: Galvanized-aluminum sheets with thermoset polyester-resin coating on internal and external surfaces
- Electrical Parts Box: Galvanized-aluminum sheets with thermoset polyester-resin coating on external surface
- Fan Motor Support: Galvanized-steel sheets with thermoset polyester-resin coating on internal and external surfaces
- Printed Circuit Board: Epoxy resin with polyurethane-coating on external surface

Model: PUHY-HP96TJMU-A (-BS) – DIMENSIONS

Unit mm(in)

NO.	Usage	Specifications	
①	For pipes	Front through hole (4-1132)	102 X 72 knockout hole (4-1132) (2-2732)
②		Bottom through hole (5-2932) (3-2332)	150 X 94 Knockout hole (5-2932) (3-2332)
③		Front through hole (2-1552) (1-318)	ø62.7 or ø34.5 Knockout hole (2-1552) (1-318)
④	For wires	Front through hole (1-343)	ø62.7 or ø22.2 Knockout hole (1-343) (7/8)
⑤		Bottom through hole (2-5116)	ø65 Knockout hole (2-5116)
⑥	For transmission cables	Front through hole	ø84 Knockout hole (2-5116)

Note 1: Please refer to the engineering manual for information regarding necessary spacing around the unit and foundation work. Outdoor unit must be mounted at least 12" off the ground or 12" above the highest average snow depth, whichever is greater.

Connecting pipe specifications			
Model	Position dimensions of general service valve		Connection specifications for the refrigerant service valve *1
	Liquid	Gas	
PUHY-H96TJMU	A 143 (5-1/2")	B 172 (6-5/8")	Liquid Gas ø12.7 Braze (1/2) ø22.2 Braze (7/8)

1 Connect by using the connecting pipes (for bottom piping and front piping) that are sold separately.



1340 Satellite Boulevard
Suwanee, GA 30024
Toll Free: 800-433-4822
www.mehvac.com

FORM# PUHY-HP96TJMU-A (-BS) - 201407
Specifications are subject to change without notice.
© 2014 Mitsubishi Electric US, Inc.

COOLING & HEATING