

Job Name:	
System Reference:	Date:



OUTDOOR VRF HEAT PUMP SYSTEM

UNIT OPTION

Standard Model.....PUHY-P96TLMU-A
 Seacost (BS) model..... PUHY-P96TLMU-A-BS

ACCESSORIES

Joint Kit For details see Pipe Accessories Submittal
 Low Ambient Kit for details see Low Ambient Kit Submittal
 Snow/Hail Guards Kit.....For details see Snow/Hail Guards kit submittal
 Base Pan Heater Kit For details see Base Pan Heater Kit Submittal

Specifications		Model Name
Unit Type		PUHY-P96TLMU-A
Nominal Cooling Capacity (208/230V)	Btu/h	96,000
Nominal Heating Capacity 208/230V)	Btu/h	108,000
Operating Temperature Range *1	Cooling (Indoor) *2	23° ~ 126° F (-5 ~ +52° C) DB
	Heating (Indoor)	-4° ~ +60° F (-20° ~ +15.5° C) WB
External Dimensions (H x W x D)	In. (mm)	64-31/32 x 48-1/16 x 29-5/32 (1650 x 1220 x 740)
Net Weight	Lbs. (kg)	499 (226)
External Finish		Pre-coated galvanized steel sheet (+powder coating for -BS type)
Electrical Power Requirements	Voltage, Phase, Hertz	208 / 230V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	32 / 29
Maximum Overcurrent Protection (MOP)	A	50/45
From ODU to First Joint or Header (Brazed) (In. / mm)	Liquid (High Pressure)	3/8 / 9.52
	Gas (Low Pressure)	7/8 / 22.20
Max. Total Refrigerant Line Length	Ft	3,280
Max. Refrigerant Line Length (Between ODU & IDU)	Ft.	541
Max. Control Wiring Length	Ft.	1,640
Indoor Unit	Total Capacity	50~130
	Model / Quantity	P6~P96/1~20
Sound Pressure Levels	dB(A)	58
Fan	dB(A)	
Type x Quantity		Propeller fan x 1
Airflow Rate	CFM	6,700
Direct-drive Inverter Motor Output	kW	0.920
Compressor Operating Range		13% - 100%
Compressor Type x Quantity		Inverter scroll hermetic compressor x 1
Refrigerant		R410A x 22 lbs. + 12 oz. (10.3 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	13.1 / 15.5
	IEER	23.1 / 28.2
	COP	3.79 / 4.27
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.
 *2. For details on extended cooling operation range down to -10° F DB, see Low Ambient Kit Submittal

Model: PUYH-P96TLMU-A (-BS)- DIMENSIONS

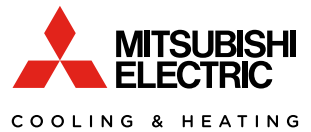
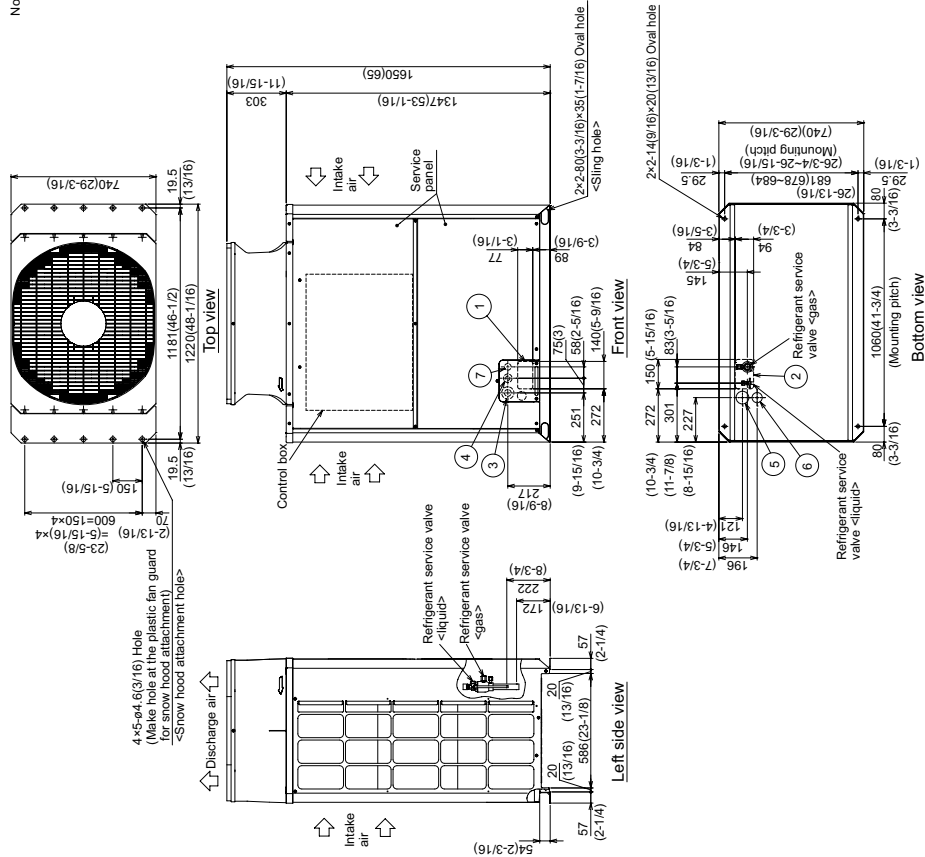
Unit : mm (in.)

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.
2. At brazing of pipes, wear the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248 °F).

Model	Refrigerant pipe		Diameter	
	Liquid	Gas	Liquid	Gas
PUYH-P96TLMU	ø9.52 Braze (3/8) *1 (ø12.7 Braze) (1/2) *2 *3	ø22.2 Braze (7/8) *2	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.
*3 To be used when piping length OU to First Joint (OU from IU)≥50m(295ft)

NO.	Usage	Specifications
①	Front through hole	140 × 77 Knockout hole (5-9/16) (3-7/16)
②	Bottom through hole	69 × 34 Knockout hole (5-15/16) (3-5/8)
③	Front through hole	83 × 34.5 Knockout hole (2-1/2) (1-3/8)
④	Front through hole	43.7 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	ø54 Knockout hole (1-3/8)



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Specifications are subject to change without notice.

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