Job Name:	
System Reference:	Date:

OUTDOOR VRF HEAT PUMP WITH HEAT RECOVERY SYSTEM FEATURES

- Innovative flash injection technology for tremendous heating capacity at lower outdoor temperatures
- Built-in base pan heater to prevent ice in drain pan
- Air-source, simultaneous cooling and heating
- INVERTER-driven compressor
- Connects to CITY MULTI indoor units
- Controlled via CITY MULTI Controls Network

OPTIONAL PARTS

- □ Joint Kit.....for details see Pipe Accesories Submittal
- □ BC Controller.....for details see BC Controller Submittals
- □ Low Ambient Kit .....for details see Low Ambient Kit Submittal
- □ Snow/Hail Guards Kit.....for details see Snow/Hail Guards Kit Submittal

Specifications		Model Name
Unit Type		PURY-HP96YKMU-A-H
Nominal Cooling Capacity (460V)	Btu/h	96,000
Nominal Heating Capacity (460V)	Btu/h	108,000
Operating Temperature Range *1	Cooling (Outdoor) *2	23 ~ 115° F (-5 ~ +46° C) DB
	Heating (Outdoor)	-13 ~ +60°F (-25 ~ +15.5° C) WB
External Dimensions (H x W x D)	In. / mm	64-31/32 x 48-1/16 x 29-5/32 / 1,650 x 1,220 x 740
Net Weight	Lbs. / kg	580 / 263
External finish		Pre-coated galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	460V, 3-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	32
Recommended Fuse/Breaker Size	A	35
Maximum Fuse Size	A	35
Piping Diameter (Brazed) (In. / mm)	Liquid (High Pressure)	3/4 / 19.05
	Gas (Low Pressure)	7/8 / 22.2
Indoor Unit	Total Capacity	50 to 150% of Outdoor Unit Capacity
	Model / Quantity	P06 to P96 / 1 to 24
Sound Pressure Levels	dB(A)	58
Fan		
Type x Quantity		Propeller Fan x 1
Airflow Rate	CFM	6,200
Compressor Operating Range		Cooling: 23% to 100%
		Heating: 13% to 100%
Compressor Type x Quantity		Inverter-driven Scroll Hermetic x 1
Refrigerant		R410A x 26 lbs + 1 oz (11.8 kg)
Lubricant		MEL32
Protection Devices	High-pressure	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)	Over-current protection
	Fan motor	Thermal switch
AHRI Ratings (Ducted/Non-Ducted)	EER	11.4 / 12.5
	IEER	16.5 / 17.1
	COP	3.46 / 3.44
Simultaneous Rating (Ducted/Non-Ducted)	SCHE *3	17.4 / 22.0

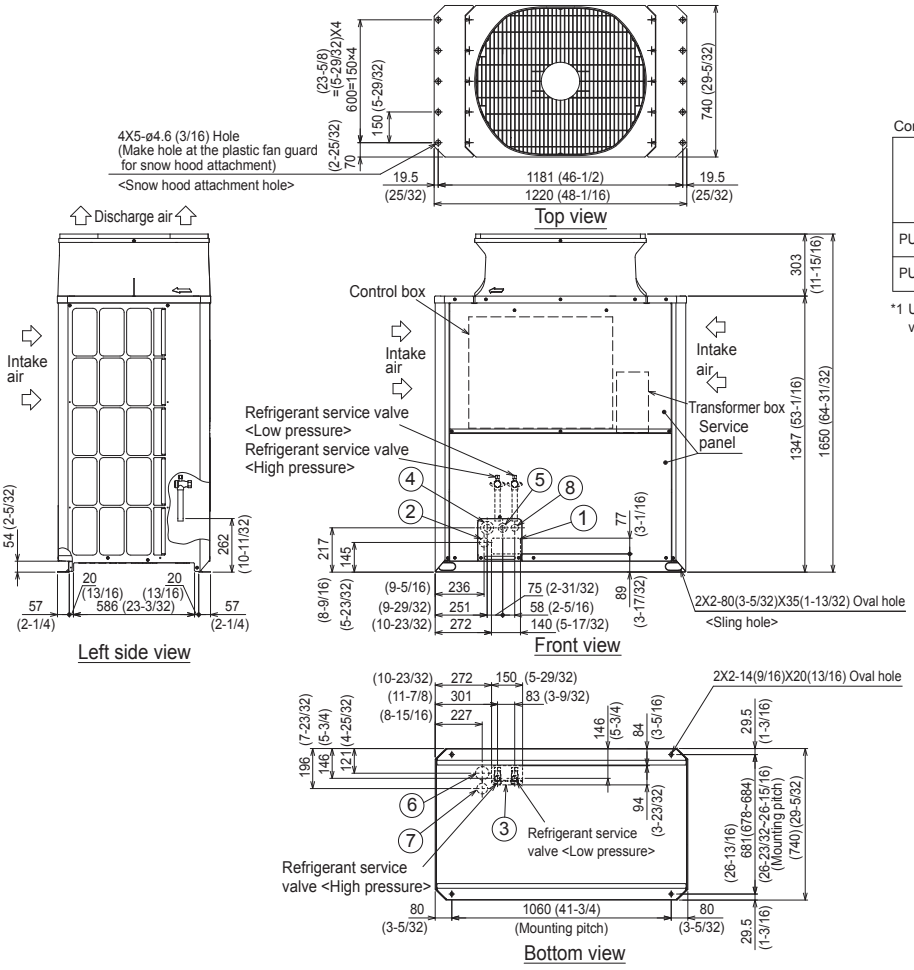
NOTES:
*1. Harsh weather environments may demand performance enhancing equipment. Ask your Mitsubishi Electric representative for more details about your region.
*2. For details on extended cooling operation range down to -10° F DB, see Low Ambient Kit Submittal.
*3. Simultaneous Cooling and Heating Efficiency

Specifications are subject to change without notice.

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Model: PURY-HP96YKMU-A-H – DIMENSIONS

Unit: mm (in.)



Note1. 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	
	High pressure	Low pressure	High pressure	Low pressure
PURY-HP72YKMU-A	ø15.88 Brazed (5/8) *1	ø19.05 Brazed (3/4) *1	ø25.4 (1)	ø25.4 (1)
PURY-HP96YKMU-A	ø19.05 Brazed (3/4) *1	ø22.2 Brazed (7/8) *1	ø25.4 (1)	ø25.4 (1)

*1 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32) (3-1/16)
②		Front through hole (Uses when twinning kit (optional parts) is mounted.)	ø45 Knockout hole (1-25/32)
③		Bottom through hole	150 × 94 Knockout hole (5-29/32) (3-23/32)
④	For wires	Front through hole	ø62.7 or ø34.5 Knockout hole (2-15/32) (1-3/8)
⑤		Front through hole	ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑥		Bottom through hole	ø65 Knockout hole (2-9/16)
⑦		Bottom through hole	ø52 Knockout hole (2-1/16)
⑧	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)

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FORM# PURY-HP96YKMU-A-H - 201512

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