

Job Name:	
System Reference:	Date:



**OUTDOOR VRF SYSTEM**

**UNIT OPTION**

Standard Model..... PUMY-P48NKMU1  
 Seacoast (BS) model ..... PUMY-P48NKMU1-BS

**ACCESSORIES**

Joint Kit ..... For details see Pipe Accessories Submittal  
 Header Kit ..... For details see Pipe Accessories Submittal  
 Air Outlet Guide (One Piece)\*\*.....PAC-SH96SG-E  
 Front Wind Baffle (One Piece)\*\*.....WB-PA3  
 Drain Pan.....PAC-SH97DP-E  
 Drain Socket.....PAC-SG61DS-E  
 Base Pan Heater.....PAC-SJ20BH-E  
 Air Deflector Vertical.....ADV-1  
 \*\*PUMY requires two outlet guides and wind baffles for installation.

Specifications		Model Name
Unit Type		PUMY-P48NKMU1 (-BS)
Nominal Cooling Capacity (208/230V) <sup>*1</sup>	Btu/h	48,000
Nominal Heating Capacity (208/230V) <sup>*2</sup>	Btu/h	54,000
Operating Temperature Range	Cooling (Outdoor)	5° to 115° F (-15 to +46° C) DB <sup>*3 *4</sup>
	Heating (Outdoor)	-13° to +59° F (-25° to +15.0° C) WB
External Dimensions (H x W x D)	In. / mm	52-11/16 x 41-11/32 x 13 (+1) / 1338 x 1050 x 330 (+25)
Net Weight	Lbs. / kg	269 / 122
External Finish		Galvanized steel sheets (+powder coating for -BS type)
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 1-Phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	31
Maximum Overcurrent Protection (MOP)	A	44
Recommended Fuse Size	A	40
Piping Diameter (Flare) In. / mm	Liquid (High Pressure)	3/8 / 9.52
	Gas (Low Pressure)	5/8 / 15.88
Indoor Unit	Total Capacity	50% to 130% of outdoor unit capacity
	Model / Quantity	P6 to 54 / 1 to 10
Fan Type x Quantity		Propeller fan x 2
Fan Motor Output	kW	0.074 + 0.074 (two fan motors)
Airflow Rate	CFM	3,885
Compressor Operating Range	Cooling	23% to 100%
	Heating	22% to 100%
Compressor Type x Quantity		INVERTER-driven Scroll Hermetic x 1
Compressor Motor Output	kW	3.3
Sound Pressure Level	Cooling	51
	Heating	54
Refrigerant		R410A; 10 lbs. + 9 oz. (4.8 kg)
Lubricant		FV50S (2.3 liters)
Protection Devices	High Pressure	High pressure sensor, High pressure switch 601 psi (4.15 MPa)
	Inverter Circuit	Over-heat protection, Over-current protection
	Compressor	Discharge thermo protection, Over-current protection
AHRI Ratings (Ducted/Non-Ducted)	EER	11.3 / 12.6
	SEER	16.5 / 20.2
	COP	3.3 / 3.8
	HSPF	11.0 / 11.7

\*1 Cooling | Indoor: 80° F (26.7° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB

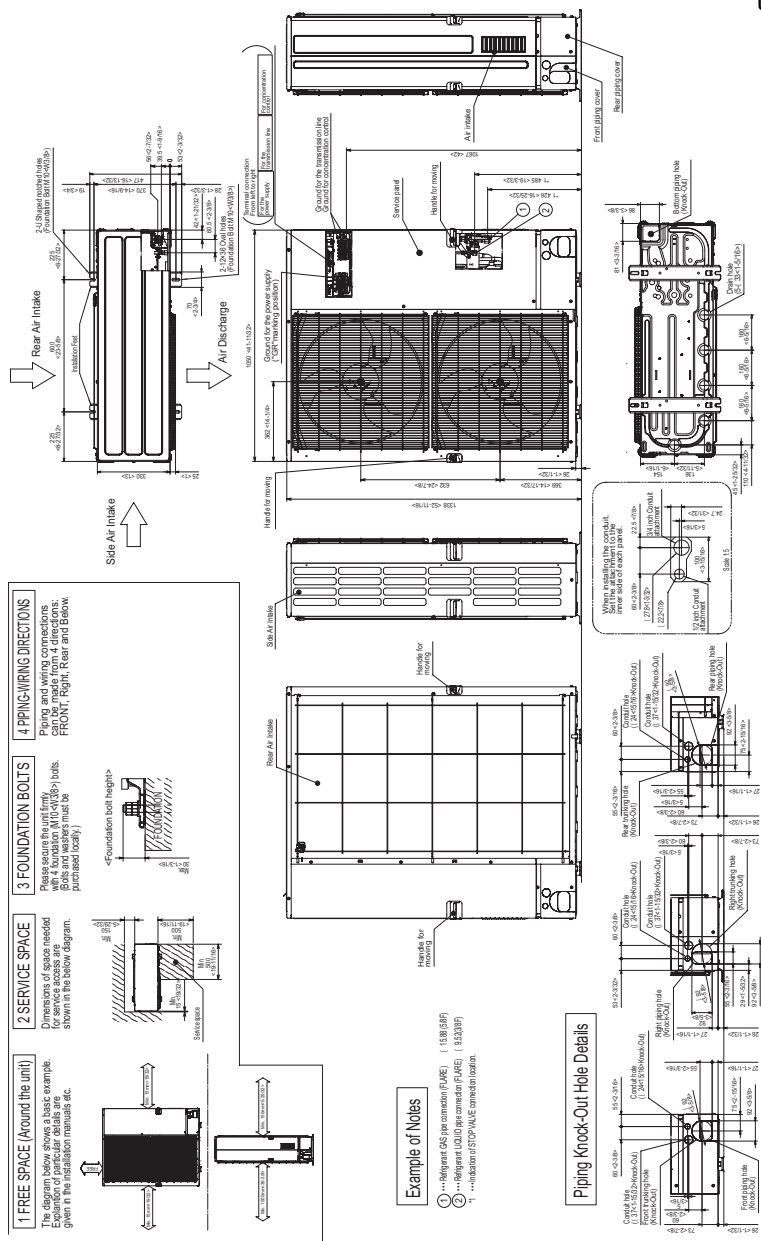
\*2 Heating | Indoor: 70° F (21.1° C) DB, Outdoor 47° F (8.3° C) DB / 43° F (6° C) WB

\*3 When using Wind Baffles [WB-PA3], the minimum operating range is 5° F. Without Wind Baffles, the minimum operating range is 23° F.

\*4 When connecting PKFY-P06NBMU/P08NHMU, PFFY-P06/08/12NEMU or PFFY-P06/08/12NRMU indoor units, the minimum operating range is 50° F.

# Model:PUMY-P48NKMU1 (-BS)- DIMENSIONS

Unit: mm  
<in>



## NOTES

Blue Fin Anti-corrosion Protection:  
Cellulose- and polyurethane-resin coating treatment applied to condenser coil that protects it from air contaminants.  
Standard:  $\geq 1\mu\text{m}$  thick; Salt Spray Test Method - no unusual rust development to 960 hours.



COOLING & HEATING

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