

Job Name:

System Reference:

Date:

OUTDOOR VRF SYSTEM**UNIT OPTION**

- ☐ Standard Model (PUMY-P48NKMU2)
- ☐ Seacoast <BS> Model (PUMY-P48NKMU2-BS)

FEATURES

- Connects up to 12 indoor units
- Single-phase outdoor unit with Variable Refrigerant Flow Zoning (VRF) technology
- Service accessible through both a front and side panel
- Up to 984 ft. of total pipe length
- ENERGY STAR® certified units¹
- Improved efficiency

ACCESSORIES

- ☐ Joint Kit (for details see Pipe Accessories Submittal)
- ☐ Header Kit (for details see Pipe Accessories Submittal)
- ☐ Air Outlet Guide (One Piece)² (PAC-SH96SG-E)
- ☐ Front Wind Baffle (One Piece)² (WB-PA3)
- ☐ Drain Pan (PAC-SH97DP-E)
- ☐ Drain Socket (PAC-SG61DS-E)
- ☐ Base Pan Heater (PAC-SJ20BH-E)
- ☐ Air Deflector Vertical (ADV-1)

¹ENERGY STAR products are third-party certified by an EPA-recognized Certification Body

²PUMY requires two outlet guides and wind baffles for installation.

SPECIFICATIONS: PUMY-P48NKMU2(-BS)

Nominal Cooling Capacity (208/230V) ¹	Btu/h	48,000
Nominal Heating Capacity (208/230V) ²	Btu/h	54,000
Operating Temperature Range	Cooling (Outdoor)	5° to 115° F (-15 to +46° C) DB ^{3, 4}
	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 / 1,338 x 1050 x 330+25
Net Weight	Lbs. / kg	267 / 121
External Finish	Galvanized sheets (+power coating for -BS type) <MUNSELL 3Y 7.8/1.1>	
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 1-Phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	29
Maximum Overcurrent Protection (MOP)	A	44
Recommended Fuse Size	A	30
Short-circuit Current Rating (SCCR)	kA	5
Piping Diameter (Flare) In. / mm	Liquid (High Pressure)	3/8 (9.52) Flare
	Gas (Low Pressure)	5/8 (15.88) Flare
Indoor Unit	Total Capacity	50-130% of outdoor unit capacity
	Model / Quantity	P05-P54 / 1-12
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	18% to 100%
Compressor Type x Quantity	INVERTER-driven Scroll Hermetic x 1	
Compressor Motor Output	kW	3.3
Sound Pressure Level	Cooling	dB(A) 51
	Heating	dB(A) 54
Refrigerant	R410A; (10 lbs + 9 oz) (4.8kg)	
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 / 13.1
	SEER	16.5 / 22.6
	COP	3.3 / 4.0
	HSPF	11.0 / 12.0

Notes

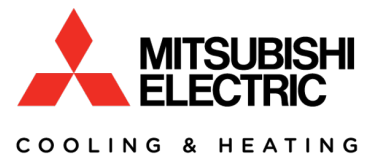
¹Cooling | Indoor: 81° F (27° C) DB / 66° F (19° C) WB; Outdoor: 95° F (35° C) DB

²Heating | Indoor: 68° F (20° C) DB, Outdoor 45° F (7° C) DB / 43° F (6° C) WB

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

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

Unit: mm(in)



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