



PUMY-P**NKMU

PRODUCT GUIDE

PUMY P-60

Product Overview

PUMY-P60 extends the City Multi S-Series providing a high efficiency, single phase 5 ton heat pump. The system is capable of connecting up to 12 individual zones and is controlled by the City Multi Controls Network.

- INVERTER-driven compressor
- Single-phase heat pump
- Variable Refrigerant Flow (VRF) zoning technology
- Service access: front and side panels

Changes for 2012

Feature	Previous	New	Benefit
5 Tons	No	Yes	✓
Operational To -4° F (5 Ton Model)	No	Yes	✓
Improved Line Length To 492 Ft.	No	Yes	✓
Improved Efficiency: 16.7 SEER	No	Yes	✓
Connects Up To 12 Indoor Units	No	Yes	✓
Connects to all CITY Multi Indoor Units	No	Yes	✓

PUMY-P60NKMU	Inches/Pounds
Width	41-5/16
Depth	13 (+ 1-3/16)
Height	52-11/16
Weight	313

Piping Lengths

Length	Feet
Total (Max)	492
Farthest	262

PRODUCT GUIDE S-SERIES

PUMY-P**NKMU

Model Name			PUMY-P36NHMU(-BS)	PUMY-P48NHMU(-BS)	PUMY-P60NKMU(-BS)
Power Source			208/230V, 1-phase, 60Hz		
Capacity *1	Cooling	Btu/h	36,000	48,000	60,000
	Heating	Btu/h	40,000	54,000	66,000
Power Input	Cooling	kW	3.22	4.97	4.80
	Heating	kW	2.93	4.88	6.15
Current (208-230V)	Cooling	A	14.2 / 15.7	24.0 / 21.7	21.5
	Heating	A	12.9 / 14.2	23.6 / 21.3	27.6
Electrical Supply	MCA	A	26	26	25
	Maximum Fuse Size	A	30	30	40
Fan	Type x Quantity		Propeller Fan x 2		
	Airflow Rate	CFM	3,530		4,940
Compressor	Type		INVERTER-driven Scroll Hermetic		
	Motor Output	kW	2.4		3.0
	Lubricant		FV50S		
Refrigerant			R410A		
External Finish			Galvanized Sheets (plus Powder Coating for -BS Model) Munsell 3Y 7.8/1.1		
Dimensions	Height	Inches	53-3/16		52-11/16
	Width	Inches	37-7/16		41-5/16
	Depth	Inches	13 (+1-3/16)		
Net Weight		Pounds	287		313
Sound Pressure Levels (As Measured in an Anechoic Room)		dB(A)	49 / 51	50 / 52	58 / 59
Protection Devices	High Pressure Protection		High Pressure Switch		
	Compressor/Fan		Discharge Thermo and Over-current Detection		Compressor Thermo/Over-current Detection
	Inverter		Over-current/Overheat Protection		Over-current/Voltage Protection
Refrigerant Pipe Dimensions	Low Pressure	Inches	5/8 Flare		3/4
	High Pressure	Inches	3/8 Flare		3/8
Indoor Unit	Total Capacity		50 - 130% of Outdoor Unit Capacity		50 - 130% of Outdoor Unit Capacity
	Quantity		P06-36/1-6	P06-P54/1-8	P06-P54/1-12
Operating Temperature Range	Cooling	Outdoor: 23° FDB ~ 115° FDB; 50°FDB ~ 115°FDB if connecting PKFY-P06/08 Indoor Unit			
	Heating	Outdoor: 0° FWB ~ 60° FWB		Outdoor: -4° FWB ~ 60° FWB	
System Efficiencies *2					
EER (Ducted / Non-Ducted) *2			10.75 / 11.20	8.40 / 9.00	11.3 / 12.5
SEER (Ducted / Non-Ducted) *2			14.3 / 14.3	14.5 / 15.5	16.5 / 16.7
COP (Ducted / Non-Ducted) *2			3.56 / 3.14	3.26 / 2.84	3.70 / 3.14

Note: Rating Conditions:
 *1 Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB.
 Heating | Indoor: 70° F (21° C) DB; Outdoor: 47° F (8° C) DB/ 43° F (6° C) WB.
 *2 Efficiencies values based in AHRI 210/240 test method.

-BS indicates seacoast protection option.

LIMITED WARRANTY | Seven-year warranty on compressor. One-year warranty on parts.
 See our website for details on specific additional application installation coverage.

Specifications are subject to change.