

CITY MULTI® S-Series Building Comfort Solutions



S-Series Solutions for the home or small office








The CITY MULTI S-Series offers all the features and benefits of our large commercial CITY MULTI Y-Series. The S-Series Solution features a single-phase outdoor unit with Variable Refrigerant Flow Zoning (VRFZ) technology and CITY MULTI Controls Network (CMCN) to cool or heat all zones with a variety of indoor unit styles. The compact outdoor unit utilizes R410A refrigerant and an INVERTER-driven compressor to use energy effectively. A maximum of eight CITY MULTI indoor units can be connected with up to 130% connected capacity, depending on diversity. CITY MULTI Controls Network intelligently manages the CITY MULTI building comfort solution through zone controllers and system controllers and optionally through a networked PC to manage individual comfort and to provide the ultimate building comfort solution.



Easy, flexible installation

The S-Series outdoor unit is easy to install and can be accessed for service through both a front and side panel. The unit's compact dimensions and easy accessibility allow multiple units to be stacked side by side in tight areas, saving valuable space and resources.

Available indoor units

Capacity Code	Wall-mounted PKFY-P-N*MU-E	Ceiling-recessed Cassette PLFY-P-N*MU-E	Ceiling-recessed Cassette PMFY-P-NBMU-E	Ceiling-suspended PCFY-P-NGMU-E	Ceiling-concealed (ducted) PDFY-P-NMU-E	Ceiling-concealed (ducted low-profile) PEFY-P-NMLU-E	Ceiling-concealed (ducted alternate high-static) PEFY-P-NMHU-E	Floor-standing (exposed/concealed) PFFY-P-NEMU/NRMU-E
Nominal Btu/h	 6,000-30,000	 8,000-36,000	 6,000-15,000	 15,000-36,000	 6,000-48,000	 6,000-12,000	 15,000-54,000	 <small>(PFFY-NEMU shown)</small> 6,000-24,000



PUMY-P-NHMU(-BS) Specifications				
Model Name			PUMY-P36NHMU(-BS)	PUMY-P48NHMU(-BS)
Power Source			208/230V, 1-phase, 60Hz	
Capacity *1	Cooling	Btu/h	36,000	48,000
	Heating	Btu/h	40,000	54,000
Power Input	Cooling	kW	3.22	4.97
	Heating	kW	2.93	4.88
Current (208-230V)	Cooling	A	14.2-15.7	24.0-21.7
	Heating	A	12.9-14.2	23.6-21.3
Fan	Type x Qty.		Propeller Fan x 2	
	Airflow Rate	CFM	3,530	
	Motor Output	kW	0.086 x 2	
Compressor	Type		Inverter-driven Scroll	
	Motor Output	kW	2.2	2.4
	Crankcase Heater	W	-	
	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	
	Width	Inches	37-7/16	
	Depth	Inches	13 + 1-3/16	
Net Weight		Pounds	287	
Sound Levels (as measured in an anechoic room)		dB(A)	49/51	50/52
Protection Devices	High Pressure Protection		High Pressure Switch	
	Compressor/Fan		Discharge Thermo and Overcurrent Detection/Overheat and Voltage Protection	
	Inverter		Overcurrent/Overheat Protection	
Refrigerant Pipe Dimensions	Low Pressure	Inches	5/8 Flare	
	High Pressure	Inches	3/8 Flare	
Indoor Unit	Total Capacity		50 - 130% of Outdoor Unit Capacity	
	Quantity		P06-36/1-6	P06-P54/1-8
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	

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.

-BS indicates seacoast protection option.

Specifications are subject to change without notice.

Optional Parts for PUMY Outdoor Units		
Description	Model	Remarks
Branch Joint	CMY-Y62-G-E	Branch Joint (2 branches)
Header - 4 Branch	CMY-Y64-G-E	4 Branch Header includes sets for use with liquid and gas pipes
Header - 8 Branch	CMY-Y68-G-E	8 Branch Header includes sets for use with liquid and gas pipes
Drain Socket	PAC-SG61DS-E	For use when drain piping is necessary, use the drain socket or the drain pan (option)
Drain Pan	PAC-SG64DP-E	
Air Outlet Guide	PAC-SG59SG-E	Need 2 pieces
Wind Baffle	WB-PA2	Need 2 pieces



Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO), based on a review of quality warranties for the production of air-conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

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For more information visit www.mehvac.com

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