



# S-Series

Building comfort solutions in the home or small office with CITY MULTI S-Series and CITY MULTI Controls Network

The CITY MULTI S-Series Solution for homes and small offices 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, illustrating the system's diversity. CMCN intelligently manages the CITY MULTI building 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.



## CITY MULTI Indoor Unit Styles



PKFY-E  
Wall-mounted



PLFY-E  
Ceiling-recessed cassettes



PMFY-E  
Ceiling-concealed ducted



PFFY-E  
Floor-mounted  
concealed and exposed



# CITYMULTI®

Variable Refrigerant Flow Zoning Systems

# S-Series

## Advance Product Information

## Outdoor Unit Specifications

Specifications		PUMY-P48NHMU(-BS)
Cooling Capacity	Btu/h	48,000
Heating Capacity	Btu/h	54,000
Input (Cooling)	kW	4.97 <sup>1</sup>
Input (Heating)	kW	4.88 <sup>1</sup>
Connectable Indoor Units (Max.)		8
Max. Connectable Capacity	Btu/h	62,400 (130%)
Power Supply		Single phase, 60Hz, 208/230V
Breaker Size		30A
Max. Fuse Size		40A
Min. Ampacity		26A
Sound Level (Cooling / Heating)	dB(A)	50/52
Dimensions (H x W x D)	in.	53-5/32 x 37-13/32 x 14-13/16
Weight	lbs.	287
Total Piping Length	ft.	394
Max. Allowable Piping Length	ft.	262
Max. Height Difference	ft.	100 <sup>2</sup>
Refrigerant Pipe Dimensions	in.	Liquid: 3/8 Flare, Gas: 5/8 Flare
Refrigerant Oil		MEL56
Operating Range	cooling	23°F-115°FDB <sup>3</sup>
	heating	10°F-60°FWB

Specifications subject to change without notice

<sup>1</sup> Electrical data is for outdoor unit only

<sup>2</sup> Seventy feet when outdoor unit is installed lower than indoor unit

<sup>3</sup> Range of 50°F-115°FDB with PKFY-P06/P08-E type indoor unit



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PUMY-P48NHMU  
PUMY-P48NHMU-BS

### CITY MULTI Controls Network (CMCN) Options



Deluxe MA



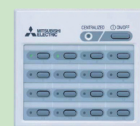
Simple MA



ME



Schedule Timer



On/Off Controller



G-50A

