



CITY MULTI® S-Series (PUMY)

PRODUCT LAUNCH GUIDE

Product Overview

The CITY MULTI® S-Series (PUMY) system is the perfect fit for any light commercial or large residential application. Featuring best-in-class efficiency ratings and Energy Star® qualification, PUMY systems are designed to deliver operational cost savings and long-time performance to a homeowner or building owner. Improvements in piping lengths lead to a wider application range when installed in buildings with multiple floors. In addition, the operating range expansion and blue fin coating on the heat exchanger lead to increased flexibility when applying these systems nationwide.

Features and Benefits

- ▶ Systems available from 36,000-60,000 BTU/H.
- ▶ All models are Energy Star® qualified.
- ▶ Newly designed heat exchanger features an increased surface area leading to efficiency improvements.
 - SEER rating improvement of 29% (*average vs. prior generation*).
 - HSPF rating improvement of 27% (*average vs. prior generation*).
- ▶ Improved energy efficiency during cooling operation from the introduction of a tube-in-tube heat interchanger.
- ▶ Blue-fin condenser coating standard on all models.
- ▶ Extended heating operating range down to **-13°F**.
- ▶ Extended cooling operating range down to 5°F.
- ▶ Piping length improvements lead to greater installation flexibility*.
 - Total piping length up to 984' (**150% improvement**).
 - Maximum piping length up to 492' (**88% improvement**).
 - Vertical piping difference (outdoor unit lower than indoor units) up to 131' (**98% improvement**).
 - Vertical separation between indoor units up to 49' (**25% improvement**).



*P36 and P48 models

System Configuration and Capacity

	PUMY-P36NKMU1	PUMY-P48NKMU1	PUMY-P60NKMU1
CAPACITY (BTU/H)	6,000 to 36,000	6,000 to 54,000	6,000 to 72,000
# OF INDOOR UNIT	1 to 7 units	1 to 10 units	1 to 12 units
TOTAL SYSTEM CAPACITY	50-130%	50-130%	50-130%

Improved! **Improved!**



BLUE-FIN CONDENSER
COATING STANDARD

Model Specifications

SPECIFICATIONS		36,000 BTU/H		48,000 BTU/H		60,000 BTU/H	
			NEW!		NEW!		NEW!
MODEL NAME		PUMY-P36NHMU	PUMY P36NKMU1	PUMY P48NHMU	PUMY P48NKMU1	PUMY P60NKMU	PUMY P60NKMU1
DIMENSION (In.)	H	53 3/16	52 11/16	53 3/16	52 11/16	52 11/16	52 11/16
	W	37 7/16	41 5/16	37 7/16	41 5/16	41 5/16	41 5/16
	D	13	13	13	13	13	13
WEIGHT	lb.	287	269	287	269	313	306
CONNECTABLE INDOOR UNITS		6	7	8	10	12	12
COOLING CAPACITY	95F	36,000	36,000	48,000	48,000	60,000	60,000
HEATING CAPACITY	47F@rated	40,000	42,000	54,000	54,000	66,000	66,000
	17F@rated	25,000	26,400	28,400	31,500	43,000	41,500
NON-DUCTED	SEER	14.3	21.0	15.5	20.2	16.7	18.6
	EER	11.2	14.2	9.0	12.6	12.5	12.5
	HSPF	8.2	11.5	8.7	11.7	10.6	11.4
DUCTED	SEER	14.3	15.6	14.5	16.5	16.5	17.0
	EER	10.8	12.6	8.4	11.3	11.3	11.1
	HSPF	9.3	10.5	8.7	11.0	10.8	10.7
MIXED	SEER	14.3	18.3	15.0	18.4	16.6	17.8
	EER	11.0	13.4	8.7	12.0	11.9	11.8
	HSPF	8.8	11.0	8.7	11.4	10.7	11.1
ENERGY STAR®			✓		✓		✓
SOUND (dBA)		49	49	50	51	58	58

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For more information visit www.mitsubishipro.com

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