

CITY MULTI S-Series

**MITSUBISHI
ELECTRIC**
Heating and Cooling



THE ONLY THING YOU'LL NOTICE IS COMFORT

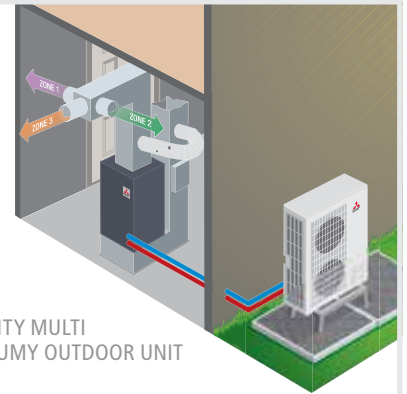
City Multi PUMY and PVFY multiple-split system is designed to work quietly in the background to heat and cool your home. By using VRF technology, the temperature doesn't fluctuate, and goes unnoticed. It's easy to install, energy efficient, and can operate in homes with or without existing ductwork. Now isn't that comforting?



CITY MULTI
PVFY VERTICAL
CONCEALED
INDOOR UNIT

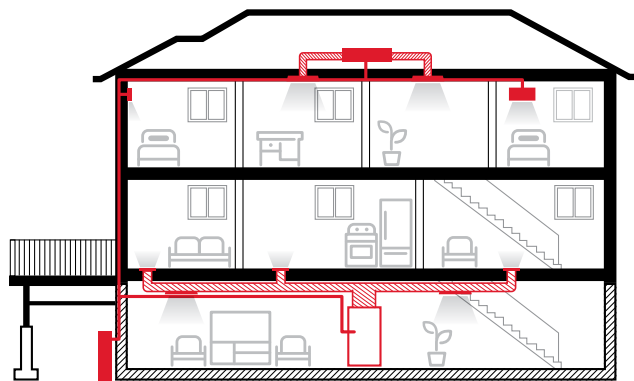


CITY MULTI
PUMY OUTDOOR UNIT



Not all models shown

**CONNECT UP TO
12 INDOOR UNITS
FOR A TOTAL OF
78,000 BTU/h**
(with diversity)



BIG ON COMFORT. SMALL ON DESIGN.

It's what you don't see that makes your City Multi S-Series system stand out from the crowd. City Multi systems provide individual and personalized comfort by precisely controlling the temperature to match the needs of each zone. The capacity of each indoor unit is dynamically adjusted in real time, thus improving efficiency by allocating the energy to meet the ever-changing zone load. Regardless of location – interior or perimeter, eastern or western exposures – each zone gets only the cooling or heating that's needed.

USE LESS ENERGY, SAVE MORE MONEY.

Variable Refrigerant Flow (VRF) Technology allows each of the multiple indoor units on a City Multi system to operate independently. This technology regulates the output of the system and circulates only as much refrigerant as needed through two small diameter refrigerant pipes. Each indoor unit can have different temperature settings – units with less demand would use less energy and units that are OFF consume no energy. This gives you the ability to personalize your comfort in different areas of your home, while attaining vast energy savings over traditional systems.



■ SPECIFICATIONS FOR HEAT PUMPS

COLD CLIMATE

			PUMY-HP36NKMU2			PUMY-HP42NKMU2			PUMY-HP48NKMU2		
Indoor type			Non-Ducted	Mix	Ducted	Non-Ducted	Mix	Ducted	Non-Ducted	Mix	Ducted
Cooling	Capacity Rated*1	Btu/h	36,000	36,000	36,000	42,000	42,000	42,000	48,000	48,000	48,000
	Rated power consumption*1	W	2,400	2,670	3,000	3,135	3,500	3,965	3,665	4,070	4,575
	Current input (208/230V)	A	11.7/10.6	13.0/11.8	14.6/13.2	15.3/13.8	17.1/15.4	19.4/17.5	17.9/16.2	19.9/18.0	22.3/20.2
	EER2	Btu/h/W	15.0	13.5	12.0	13.4	12.0	10.6	13.1	11.8	10.5
	SEER2	-	23.0	20.8	18.5	21.5	19.8	18.0	23.0	19.5	16.0
Heating	Capacity Rated 8°C*1	Btu/h	42,000	42,000	42,000	48,000	48,000	48,000	54,000	54,000	54,000
	Capacity Max. -8°C*2	Btu/h	42,000	42,000	42,000	48,000	48,000	48,000	54,000	54,000	54,000
	Capacity Max. -15°C	Btu/h	38,500	38,500	38,500	44,000	44,000	44,000	47,000	47,000	47,000
	Rated power consumption 8°C*1	W	3,080	3,285	3,520	3,435	3,805	4,265	3,960	4,400	4,950
	Current input (208/230V)	A	15.0/13.6	16.0/14.5	17.2/15.5	16.8/15.2	18.6/16.8	20.8/18.8	19.3/17.5	21.5/19.4	24.2/21.8
	COP 8°C*1	W/W	4.00	3.75	3.50	4.10	3.70	3.30	4.00	3.60	3.20
	HSPF2 (IV) / HSPF2(V)	-	12 / 10.65	11.5 / 10.2	11 / 9.8	11.1 / 9.8	10.55 / 9.3	10 / 8.8	11.5 / 9.8	10.5 / 9.05	9.5 / 8.3
Power supply			1-phase 208/230 V, 60 Hz								
Indoor unit connectable	Total capacity	50 to 130% of outdoor unit capacity									
	Model/Quantity *3	CITY MULTI	04 - 36/11			04 - 54/12			04 - 54/12		
	Branch box	06 - 36/4			06 - 36/5			06 - 36/8			
Sound pressure level (measured in anechoic room)	dB <A>	49/53			50/54			51/54			
External dimension H × W × D	mm	1,338 × 1,050 × 330 (+25)									
	inch	52-11/16 × 41-11/32 × 13 (+1)									
Guaranteed operation range	(Cooling)	D.B 23 to 115°F [D.B.-5 to 46°C] **4*5*6									
	(Heating)	D.B. -13 to 70°F [D.B. -25 to 21°C]									

STANDARD

			PUMY-P36NKMU4			PUMY-P48NKMU4			PUMY-P60NKMU4		
Indoor type			Non-Ducted	Mix	Ducted	Non-Ducted	Mix	Ducted	Non-Ducted	Mix	Ducted
Cooling	Capacity Rated*1	Btu/h	36,000	36,000	36,000	48,000	48,000	48,000	60,000	60,000	60,000
	Rated power consumption*1	W	2,400	2,670	3,000	3,665	4,070	4,575	4,515	5,045	5,660
	Current input (208/230V)	A	11.7/10.6	13.0/11.8	14.6/13.2	17.9/16.2	19.9/18.0	22.3/20.2	21.9/19.8	24.5/22.2	27.5/24.9
	EER2	Btu/h/W	15.0	13.5	12.0	13.1	11.8	10.5	13.3	11.9	10.6
	SEER2	-	23.0	20.7	18.5	23.0	19.5	16.0	20.0	18.5	17.0
Heating	Capacity Rated 8°C*1	Btu/h	41,000	41,000	41,000	50,000	50,000	50,000	66,000	66,000	66,000
	Capacity Max. -8°C*2	Btu/h	36,000	36,000	36,000	43,000	43,000	43,000	65,000	65,000	65,000
	Capacity Max. -15°C	Btu/h	29,000	29,000	29,000	35,400	35,400	35,400	46,500	46,500	46,500
	Rated power consumption 8°C*1	W	3,005	3,205	3,435	3,665	4,070	4,580	4,720	5,160	5,690
	Current input (208/230V)	A	14.7/13.3	15.6/14.1	16.8/15.2	17.9/16.2	19.9/18.0	22.4/20.2	22.9/20.7	25.1/22.7	27.7/25.0
	COP 8°C*1	W/W	4.00	3.75	3.50	4.00	3.60	3.20	4.10	3.75	3.40
	HSPF2 (IV) / HSPF2(V)	-	11 / 8.75	10.5 / 8.75	10 / 8.8	10.4 / 8.35	9.65 / 8	8.9 / 7.7	10.5 / 8.65	9.75 / 8.05	9 / 7.45
Power supply			1-phase 208/230 V, 60 Hz						1-phase 208/230 V, 60 Hz		
Indoor unit connectable	Total capacity	50 to 130% of outdoor unit capacity									
	Model/Quantity *3	CITY MULTI	04 - 36/11			04 - 54/12			04 - 72 / 12		
	Branch box	06 - 36/4			06 - 36/8			06 - 36 / 8			
Sound pressure level (measured in anechoic room)	dB <A>	49/53			51/54			58/59			
External dimension H × W × D	mm	1,338 × 1,050 × 330 (+25)									
	inch	52-11/16 × 41-11/32 × 13 (+1)									
Guaranteed operation range	(Cooling)	D.B 23 to 115°F [D.B.-5 to 46°C] **4*5*6									
	(Heating)	D.B. -13 to 70°F [D.B. -25 to 21°C]									

*1 Rating conditions Cooling Indoor: D.B. 80°F/W.B. 67 °F [D.B.26.7°C/W.B. 19.4°C] Outdoor: D.B. 95°F [D.B. 35.0°C] Heating Indoor: D.B. 70°F [D.B. 21.1°C] Outdoor : D.B. 47°F/W.B. 43°F [D.B. 8.3°C/W.B. 6.1°C]

*2 Conditions Heating Indoor: D.B. 70°F [D.B. 21.1°C] Outdoor : D.B. 17°F/W.B. 15°F [D.B. -8.3°C/W.B. -9.4°C]

*3 It cannot be connected with mixed CITY MULTI indoor unit and branch box indoor unit.

*4 D.B. 5 to 115°F [D.B. -15 to 46°C], when an optional Air Outlet Guide is installed. However, this condition does not apply to the indoor units listed in *5.

*5 50 to 115°F (10 to 46°C) D.B.: When connecting PKFY-P04/06/08/12NLMU, PFFY-P06/08/12NEMU, and PFFY-P06/08/12NRMU type indoor unit.

*6 When the temperature is below D.B. 50°F [D.B. 10°C] with branch box system, noise could potentially occur. Note: Refer to the indoor unit's service manual for the indoor units specifications.

Conversion formula:
kcal/h = kW x 860 Btu/h
= kW x 3412
CFM = m³/min x 35.31



Mitsubishi Electric Sales Canada Inc. CityMulti.ca

