

COMMERCIAL



**MITSUBISHI  
ELECTRIC**

COOLING & HEATING

**COMMERCIAL COOLING & HEATING SOLUTIONS**

# FLEXIBLE COMFORT SOLUTIONS

## PERSONALIZED COMFORT CONTROL FOR COMMERCIAL APPLICATIONS

Our systems not only bring comfort to tenants, but peace of mind to property owners, engineers, and architects of commercial installations. Our CITY MULTI® variable refrigerant flow (VRF) zoning systems exceed ASHRAE 90.1 standards. Other features of our CITY MULTI lineup include:

- ▶ Higher capacities throughout the R2-Series simultaneous heat recovery product offering.
- ▶ Innovative PWFY Hydronic Heat Exchanger Units to heat a building's water with recycled energy, significantly increasing energy efficiency.
- ▶ Innovative water source VRF technology provides an energy efficient method of cooling and heating by tapping into an existing geothermal source.
- ▶ A suite of individual zone and centralized system controllers provide an improved occupant comfort experience.

## HYPER-HEATING INVERTER (H2i®)

### REVOLUTIONIZING THE HEAT PUMP, AGAIN

The performance capability of Mitsubishi Electric's INVERTER-driven compressor systems is well known throughout the industry. And Mitsubishi Electric's patented Hyper-Heating INVERTER (H2i) technology, found throughout the CITY MULTI and P-Series outdoor unit line-up takes it a step further. With guaranteed heating operation of up to 85% of total capacity at as low as -13° F outdoor ambient, H2i systems can provide year-round comfort, even on the coldest days of the year, and are flexible enough to satisfy almost any commercial renovation or new construction project.

Visit our website [www.mitsubishipro.com](http://www.mitsubishipro.com) for detailed information and specifications on all of the Mitsubishi Electric Cooling and Heating products listed.

FEATURING

INVERTER

DRIVEN SYSTEMS



# LIGHT COMMERCIAL

SPLIT-DUCTLESS AND DUCTED

## P-SERIES

Large residential, varied commercial, and institutional



**PKA-A12, 18, 24, 30, 36** - Wall-mounted  
Rated Btu/h: 12,000 - 34,200  
SEER Range: 14 - 17  
HSPF Range: 8.9 - 10.8



**PCA-A24, 30, 36, 42** - Ceiling-suspended  
Rated Btu/h: 24,000 - 42,000  
SEER Range: 14.4 - 16.8  
HSPF Range: 9.2 - 10.9



**PLA-A12, 18, 24, 30, 36, 42** - Ceiling-recessed  
Rated Btu/h: 12,000 - 42,000  
SEER Range: 13.5 - 14.4  
HSPF Range: 8.5 - 9.8



**PEA-A12, 18AA; PEAD-A24, 30, 36, 42** - Horizontal Ducted  
Rated Btu/h: 12,000 - 42,000  
SEER Range: 13.6 - 14.3 (PEA)  
13.8 - 16 (PEAD)  
HSPF: 9.4 - 10.2

## CONTROLS

COMMERCIAL AND INSTITUTIONAL



**TC-24B**  
Centralized Touch Screen Controller



**AE-200A**  
Centralized Controller



**PAR-U01MEDU-J**  
SmartME LCD  
Touch Screen Controller



**PAC-YT53CRAU**  
Simple MA  
Remote Controller



**DC-A210**  
Advanced  
HVAC Controller



**BACnet**  
Hardware Interface  
BAC-HD150



**EB-50GU-A**  
Web Browser Controller



**PAC-YG66DCA**  
Digital In/Digital Out Board



**LMAP04U**  
LonWorks® Interface



**DC-600**  
Centralized Building Controller

## P-SERIES FEATURES

- ▶ INVERTER Technology
- ▶ Personalized Comfort Control
- ▶ Quiet Operation
- ▶ Ductless and Ducted Models
- ▶ Environmentally Friendly
- ▶ Wired and Wireless Remote Controls
- ▶ Choice of Indoor Unit Styles
- ▶ Robust Cabinet Design



## P-SERIES OUTDOOR UNITS

 COOLING

 HEATING



PUMY (S-Series) - **Heat Pump** / up to 12 indoor units

 36,000 60,000

 40,000 66,000

P-Series - **PUY-A12, A18, A24, 30, 36NHA4** Up to 15.3 SEER / Up to 10 HSPF



 12,000

 35,000

P-Series - **PUZ-A18, A24, 30, 36NHA4** Up to 17 SEER / Up to 10.9 HSPF



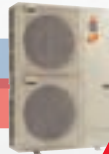
 8,000

 35,000

 8,000

 37,000

P-Series H2i<sup>®</sup> - **PUZ-HA30, 36NHA4** Up to 17 SEER / Up to 10.4 HSPF



 30,000

 34,000

 32,000

 38,000

P-Series - **PUY(Z)-A42NHA5** Up to 15.8 SEER / Up to 10.2 HSPF



 42,000

 42,000

 42,000

 45,000

# COMMERCIAL

## SPLIT-DUCTLESS AND DUCTED

### PKFY-P-NBMU-E2

06

### PKFY-P-NHMU-E2

08, 12, 15, 18

### PKFY-P-NKMU-E2

24, 30

Wall-mounted

Nominal Btu/h: 6,000 - 30,000



### PLFY-P-NCMU-ER4 (2x2)

08, 12, 15

4-Way Ceiling-recessed Cassette

Nominal Btu/h: 8,000 - 15,000



### PLFY-P-NBMU-ER2 (3x3)

12, 15, 18, 24, 30, 36

4-Way Ceiling-recessed Cassette

Nominal Btu/h: 12,000 - 36,000



### PMFY-P-NBMU-ER5

06, 08, 12, 15

1-Way Ceiling-recessed Cassette

Nominal Btu/h: 6,000 - 15,000



### PEFY-P-NMAU-E3

06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54

Ceiling-concealed  
(ducted, medium static)

Nominal Btu/h: 6,000 - 54,000



### PEFY-P-NMSU-ER2

06, 08, 12, 15, 18, 24

Ceiling-concealed,  
(low-profile ducted),

Nominal Btu/h: 6,000 - 24,000

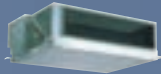


### PEFY-P-NMHU-E2

15, 18, 24, 27, 30, 36, 48, 54

Ceiling-concealed  
(ducted, alternate high-static)

Nominal Btu/h: 15,000 - 54,000

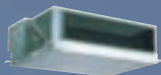


### PEFY-P-NMHSU-E

72, 96

Ceiling-concealed  
(high-static)

Nominal Btu/h: 72,000 - 96,000



### PCFY-P-NKMU-ER1

15, 24, 30, 36

Ceiling-suspended,

Nominal Btu/h: 15,000 - 36,000



### PPFY-P-NEMU/NRMU-E

06, 08, 12, 15, 18, 24

Floor-Standing (exposed/concealed)

Nominal Btu/h: 6,000 - 24,000



### Hydronic Heat Exchangers

PWFY-P36/72NMU-E-AU-Hex Unit

PWFY-P36NMU-E-BU Booster Unit

Nominal Btu/h 36,200 - 72,000



100% Outdoor Air

### PEFY-AF1200CFM/PEFY-AF1200CFMR

Nominal (Cooling) Btu/h: 112,000

Nominal (Heating) Btu/h: 61,400



### PVFY-P-E00B

12, 18, 24, 30, 36, 48, 54

Concealed-ducted Vertical/Horizontal Air Handler

Nominal Btu/h: 12,000 - 54,000



## CITY MULTI® VRF ZONING SOLUTIONS

COMMERCIAL

### CITY MULTI FEATURES

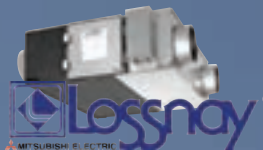
- ▶ INVERTER Technology
- ▶ Zone Control
- ▶ Personalized Comfort Control
- ▶ Design Flexibility
- ▶ Quiet Operation
- ▶ LonWorks® / BACnet® Interfaces
- ▶ Simultaneous Cooling and Heating (R2- and WR2-Series)

### ENERGY RECOVERY VENTILATORS (ERVs)

Model	CFM
LGH-F300RX5-E1	300
LGH-F470RX5-E1	470
LGH-F600RX5-E1	600
LGH-F1200RX5-E1	1,200

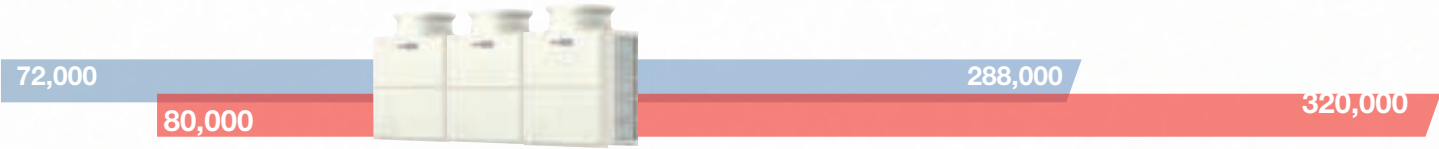
### PREMISYS DEDICATED OUTDOOR AIR SYSTEM

**PremiSys**® PREMIER VRF VENTILATION SOLUTIONS

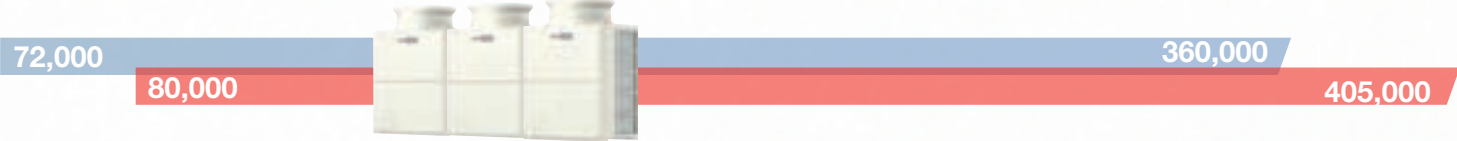


# CITY MULTI OUTDOOR UNITS

R2-Series - **PURY PxxT/Y(S)KMU Heat Recovery** up to 50 indoor units



Y-Series - **PUHY PxxT/Y(S)KMU Heat Pump** up to 50 indoor units



R2-Series H2i<sup>®</sup> - **PURY-HPxxT/Y(S)JMU Heat Pump**



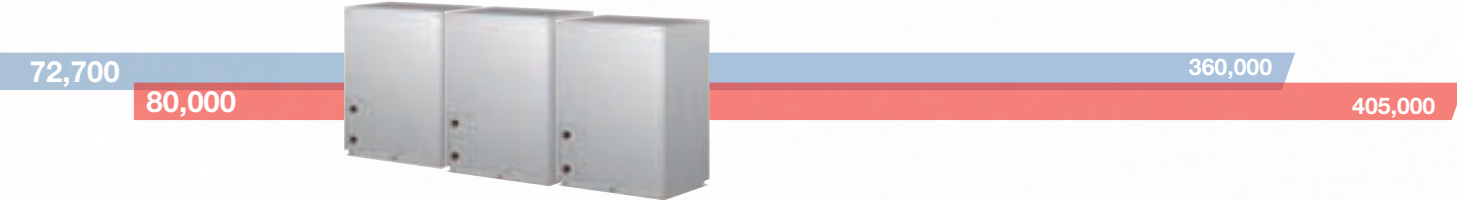
Y-Series H2i<sup>®</sup> - **PUHY-HPxxT/Y(S)JMU Heat Pump**



WR2-Series (Water-source) - **PQRY-PxxT/Y(S)HMU Heat Recovery**




WY-Series (Water-source) - **PQHY-PxxT/Y(S)HMU Heat Recovery**



\* M-Series, P-Series: Performance Range, CITY MULTI<sup>®</sup>: Nominal Capacity. Standard rating conditions.

This chart is for general guidance only to illustrate the range of performance capabilities available from Mitsubishi Electric HVAC, M-Series, P-Series, CITY MULTI<sup>®</sup> product lines. Please consult full product specifications for details. Specifications are subject to change without notice. ©2015 Mitsubishi Electric US, Inc.



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At Mitsubishi Electric Cooling and Heating, our systems are built to provide personalized space temperature control in any environment. No matter what time of year or part of the country, a room with a Mitsubishi Electric system will always be the exact temperature occupants desire. What's more, our unique INVERTER-driven compressor technology makes our systems dramatically more energy efficient than traditional HVAC options.

For more than 30 years, we've been creating cooling and heating systems that provide our customers with personalized comfort control. Whether your building includes a data center or multi-tenant living space, we have a solution that's right for the job.

P-SERIES – Light Commercial Products  
CITY MULTI™ – Commercial Products

Put our innovation to work for you. Build personalized comfort into your next project.  
Install a cooling and heating system by Mitsubishi Electric.

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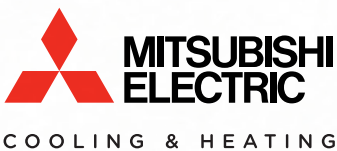


# BUILD PERSONALIZED COMFORT INTO YOUR NEXT PROJECT



Mitsubishi Electric Cooling and Heating is the industry leader in cooling and heating technology.

To find out how our innovations can bring comfort and efficiency to your next project, visit [www.mehvac.com](http://www.mehvac.com) or call 800-433-4822.



For more information, visit [www.mehvac.com](http://www.mehvac.com).

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