

Comfort Solutions





When it comes to temperature, rooms are a lot like fingerprints: every one is unique. Even rooms with identical dimensions within the same home often have different temperatures at the same time of the day. It's a reality that's confounded both building designers and homeowners for decades.

At Mitsubishi Electric, we design innovative comfort solutions that finally solve this age-old problem. Our systems are built to provide complete control of the temperature in any workplace or home. No matter what time of year, no matter what part of the country, a room with a Mitsubishi Electric system will always be the exact temperature you desire. What's more, our unique INVERTER-driven compressor technology makes our systems dramatically more energy efficient than traditional HVAC options.

For 30 years, we've been creating cooling and heating systems that provide our customers with total comfort. Whether your needs are commercial or residential in nature, we have a solution that's right for the job. Our versatile product line includes systems that tackle the cooling and heating challenges of any space, from making a stuffy guest bedroom more livable, to removing allergens and reducing the energy costs of a multi-story hospital complex.

The advanced technology of Mitsubishi Electric systems isn't designed to impress HVAC engineers; it's made to make the lives of our customers more livable. It's comfort control that puts exact temperature control at your fingertips. It's allergen filtration systems for healthier homes. It's budget-saving energy efficiencies for offices. Because we know there's more to cooling and heating than just temperature.

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



INDOOR UNITS



MR. SLIM® split-ductless and ducted
M-SERIES residential and select commercial
P-SERIES large residential, varied commercial, and institutional
CITY MULTI® VRF zoning solutions commercial and institutional

MS-A09, 12WA
Wall-mounted
Nominal Btu/h: 9,000 - 12,000
SEER: 13
(NON-INVERTER, 115V)

MSY/MSZ-GE09, 12, 15, 18NA
Wall-mounted
Nominal Btu/h: 9,000 - 17,200
SEER Range: 19.2 - 21
HSPF (MSZ units only): 10

MSY/MSZ-GA24NA
Wall-mounted
Nominal Btu/h: 22,000
SEER: 17.5
HSPF (MSZ units only): 9.5

MSZ-GE06NA
Wall-mounted
(for use with the MXZ-B series only)
Nominal Btu/h: 9,000 - 12,000
SEER: 13
(NON-INVERTER, 115V)

MSZ-FE09, 12NA
Wall-mounted
Nominal Btu/h: 9,000 - 12,000
SEER Range: 23 - 26
HSPF Range: 10 - 10.6

MSY/MSZ-D30, 36NA
Wall-mounted
Nominal Btu/h: 30,700 - 34,600
SEER Range: 14.5 - 16
HSPF (MSZ units only): 8.2

MFZ-KA09, 12, 18NA
Floor-standing
(for use with the MXZ series only)

SEZ-KD09, 12, 15, 18NA
Horizontal-ducted
Nominal Btu/h: 10,900 - 17,200
SEER Range: 15 - 17.5
HSPF: 10

MR. SLIM FEATURES

- INVERTER Technology
- Precise Comfort Control
- Quiet Operation
- Ductless and Ducted Models
- Environmentally Friendly
- Wired and Remote Control
- Choice of Indoor Unit Styles

PKA-A12, 18HA/HAL, 24, 30, 36KA/KAL
Wall-mounted
Nominal Btu/h: 12,000 - 34,200
SEER Range: 14 - 17
HSPF Range: 8.9 - 10.8
(PUZ-NHA3 ONLY)

PCA-A24, 30, 36, 42KA
Ceiling-suspended
Nominal Btu/h: 24,000 - 42,000
SEER Range: 14.4 - 16.8
HSPF Range: 9.2 - 10.9
(PUZ-NHA3 ONLY)

PLA-A12, 18, 24, 30, 36, 42BA
Ceiling-recessed
Nominal Btu/h: 12,000 - 42,000
SEER Range: 13.5 - 14.4
HSPF Range: 8.5 - 9.8
(PUZ-NHA3 ONLY)

PEA-A12, 18AA; PEAD-A24, 30, 36, 42AA
Horizontal Ducted
Nominal Btu/h: 12,000 - 42,000
SEER Range: 13.8 - 14.3 (PEA)
HSPF: 10
(PUZ-NHA3 ONLY)

PKFY-P-N*B/H/KMU-E
06, 08, 12, 15, 18, 24, 30
Wall-mounted
Nominal Btu/h: 6,000 - 30,000

PLFY-P-NCMU-E (2x2)
08, 12, 15
4-Way Ceiling-recessed Cassette
Nominal Btu/h: 8,000 - 15,000

PLFY-P-NBMU-E (3x3)
12, 15, 18, 24, 30, 36
4-Way Ceiling-recessed Cassette
Nominal Btu/h: 12,000 - 36,000

PMFY-P-NBMU-E
06, 08, 12, 15
1-Way Ceiling-recessed Cassette
Nominal Btu/h: 6,000 - 15,000

PEFY-P-NMAU-E
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-E
06, 08, 12, 15, 18, 24
Ceiling-concealed,
(low-profile ducted),
Nominal Btu/h: 6,000 - 24,000

PEFY-P-NMHU-E
15, 18, 24, 27, 30, 36, 48, 54, 72, 96
Ceiling-concealed
(ducted, alternate high-static)
Nominal Btu/h: 15,000 - 96,000

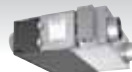
Hydronic Heat Exchangers
PWFY-P36/72NMMU-E-AU Hex Unit
PWFY-P36NMMU-E-BU Booster Unit
Nominal Btu/h 36,000 - 72,000

PVFY-P-E00A
12, 18, 24, 30, 36, 48, 54
Concealed-ducted Vertical/
Horizontal Air Handler
Nominal Btu/h: 12,000 - 54,000

100% Outdoor Air
PEFY-AF1200CFM/PEFY-AF1200CFMR
Up to nominal 112,000 Btu/h cooling,
61,400 Btu/h heating

Energy Recovery Ventilators (ERVs)

Model	CFM	Model	CFM
LGH-F300RX3-E	300	LGH-F470RX3-E	470
LGH-F600RX3-E	600	LGH-F1200RX3-E	1,200



Controls

PAR-21MAA
Wall-mounted Wired
Remote Controller
(standard with
SEZ indoor units)

M-Series
Handheld Wireless
Remote Controller

PKA-L Series
Handheld Wireless
Controller

PAR-21MAA
Wall-mounted
Wired Remote Controller

**Centralized Touchscreen
Controller TC-24**

PAC-YT51CRB
Simple MA
Remote Controller

PAR-21MAA
Deluxe MA
Remote Controller

AG-150
Centralized Controller

GB-50ADA
Centralized
Controller

**BACnet Hardware Interface
BAC-HD150**

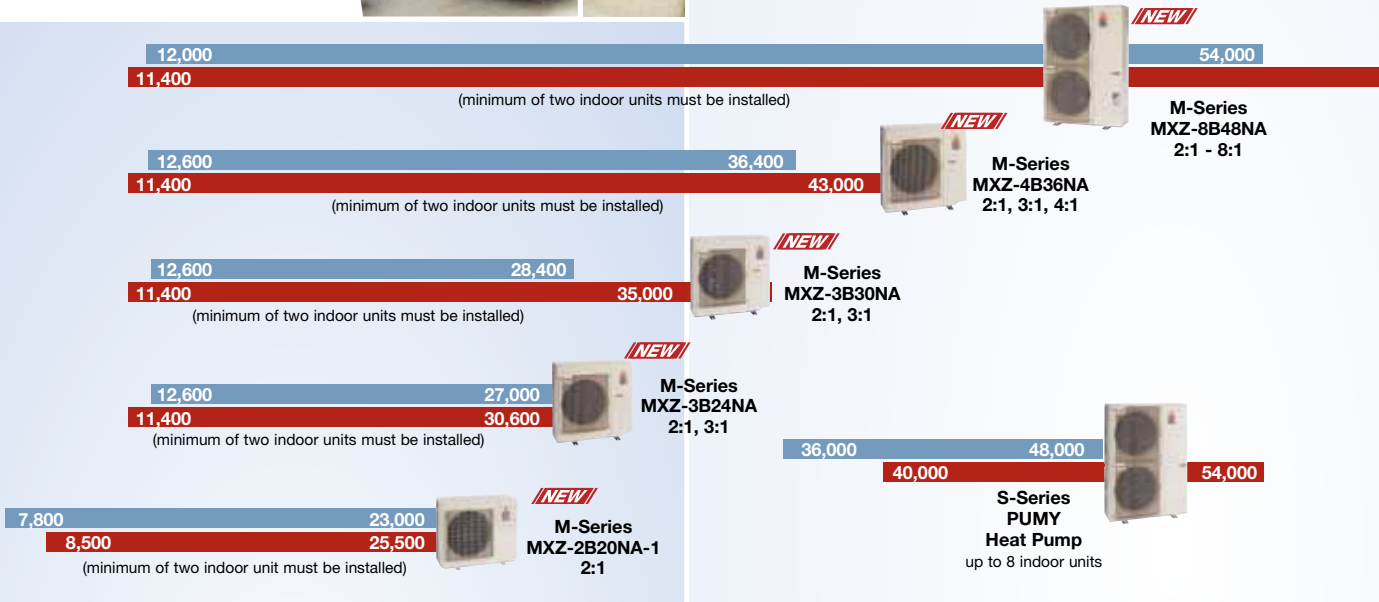
CITY MULTI FEATURES

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

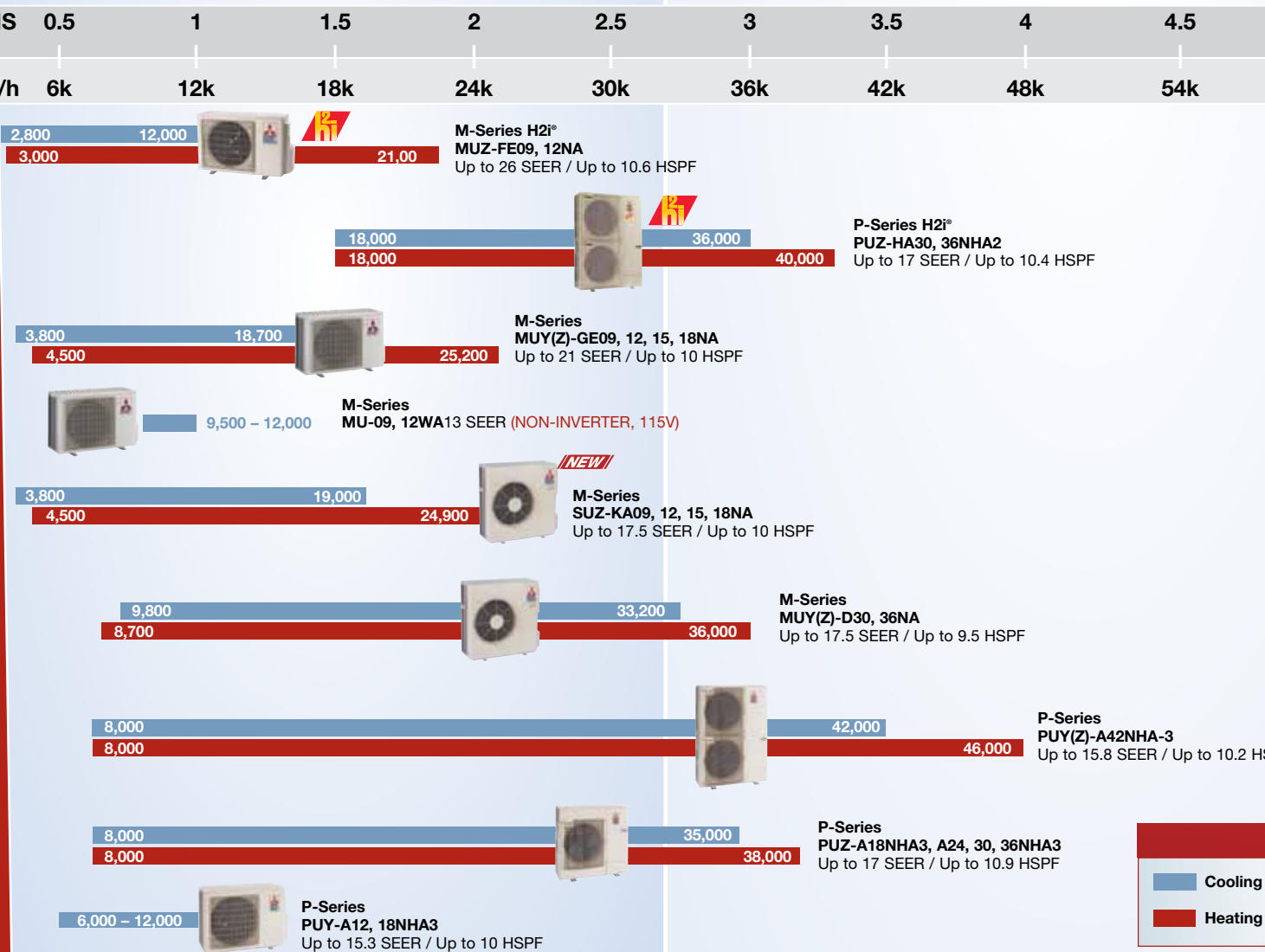
OUTDOOR UNITS



Multi-zone Systems*



Single-zone Systems*



■ Cooling
■ Heating

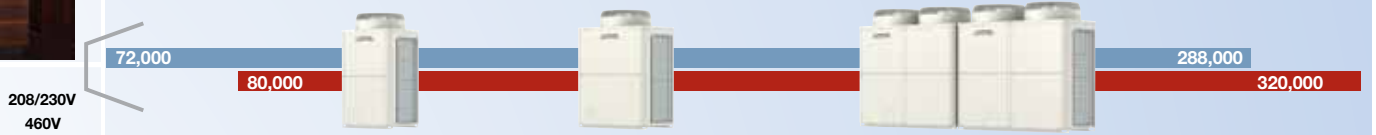
* Mr. Slim: Performance Range, CITY MULTI: Nominal Capacity. Standard rating conditions.

This chart is for general guidance only to illustrate the range of performance capabilities available from Mitsubishi Electric HVAC, Mr. Slim, CITY MULTI and Lossnay product lines. Please consult full product specifications for details. Specifications are subject to change without notice. ©2010 Mitsubishi Electric & Electronics USA, Inc.



R2-Series PURY PxxT/Y(S)JMU Heat Recovery **NEW**

up to 50 indoor units

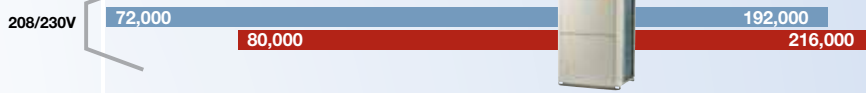


Y-Series PUHY PxxT/Y(S)JMU Heat Pump **NEW**

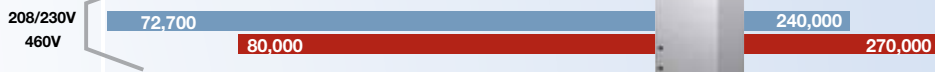
up to 50 indoor units



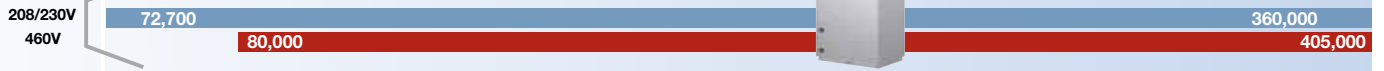
Y-Series H2i[®] PUHY-HPxxT/Y(S)JMU Heat Pump **Hi**



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



W-Series (Water-source) WY-Series PQHY-PxxT/Y(S)NMU Heat Pump **NEW**



5	TONS	8	10	12	16	20	24	26	30
60k	Btu/h	96k	120k	144k	192k	240k	288k	312k	360k

Efficient, Adaptable Multi-zone Solutions

MXZ-Series systems tackle some of the most challenging multi-room installations, and are more versatile than ever with the addition of new indoor units for wall, floor, ceiling, and ducted applications. And our new, highly flexible MXZ-8B48NA outdoor heat pump model provides comfort to as many as eight rooms. One of the benefits of this system is that it only requires one access cutout of the home's exterior wall for refrigerant Linesets and electrical wiring; all paired indoor units are piped and wired to a central branch box installed indoor as well to tie the system together. The ultra-efficient MXZ-Series has two systems that meet ENERGY STAR[®] and Federal Tax Credit requirements, which are major homeowner incentives.

ENERGY STAR[®] Is Only The Beginning

Cutting-edge technology that delivers industry-leading energy efficiencies is impressive to even the most discriminating customer. And our product line now has more ENERGY STAR-rated systems than ever before - more than competitors in our category (29 at the time of printing). **Tax Credit Eligible** And, getting money back for buying and installing it is even better. It doesn't stop with ENERGY STAR ratings—18 of our systems (at the time of printing) qualify for the Federal Tax Credit of up to \$1,500. State, local and utility rebates and other potential Federal program may also be available to offset total installation costs. This combination of savings and rebates add up to truly exceptional energy efficiencies and huge cost savings, from installation through years of use. Visit www.mehvac.com for a list of qualified residential systems.



Complete Comfort Control for Commercial Buildings

Our systems not only bring comfort to tenants, but peace of mind to property owners, engineers, and architects of commercial installations. Our new CITY MULTI[®] modular air-source systems meet ASHRAE 90.1 standards. Other features of our CITY MULTI lineup include:

- Higher capacities in 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.
- PEFY-AF Outdoor Air Systems that help meet LEED[®] requirements by

Hyper-Heating INVERTER (H2i[®])

Unequaled comfort, year round - revolutionized again

The performance capability of Mitsubishi Electric's INVERTER-driven compressor systems is well known throughout the industry. And Mitsubishi Electric's patent-pending Hyper-heating INVERTER (H2i) technology, found in select CITY MULTI and Mr. Slim models, takes it a step further. With **guaranteed heating operation of up to 84% of total capacity at as low as -13° F**, H2i systems can provide year-round comfort, even on the coldest days of the year, and are flexible enough to satisfy almost any commercial or residential renovation or new construction project.

Visit our website www.MitsubishiPro.com for detailed information and specifications on all of the Mitsubishi Electric HVAC products listed.



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NEW TECHNOLOGY SOLUTIONS

Featuring
INVERTER
driven systems



Build comfort into your next project.

Mitsubishi Electric Cooling and Heating Solutions 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.MitsubishiPro.com** or **call 800-433-4822**.



Please Recycle

Form No. FBROGEN-10-10-10K PD
For more information visit www.MitsubishiPro.com



Mixed Sources
Product group from well-managed forests and other controlled sources
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Mitsubishi Electric Cooling and Heating Solutions,
3400 Lawrenceville Suwanee Road
Suwanee, GA 30024
Phone: 888-467-7546 Fax: 800-658-1458

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