



Heating and Cooling



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To access full product  
details and specifications

## MULTI ZONE HEAT PUMPS

A NEW LEVEL  
OF HOME  
**COMFORT**  
ZONED TO  
**PERFECTION**

Enjoy optimal comfort settings customized to each room with Mitsubishi Electric's multi zone system - now redesigned to operate with increased energy efficiency and superior performance.



[MitsubishiComfort.ca](http://MitsubishiComfort.ca)

**OUR MOST ADVANCED LINEUP YET, USING LOW GLOBAL WARMING POTENTIAL (GWP) R-454B REFRIGERANT**



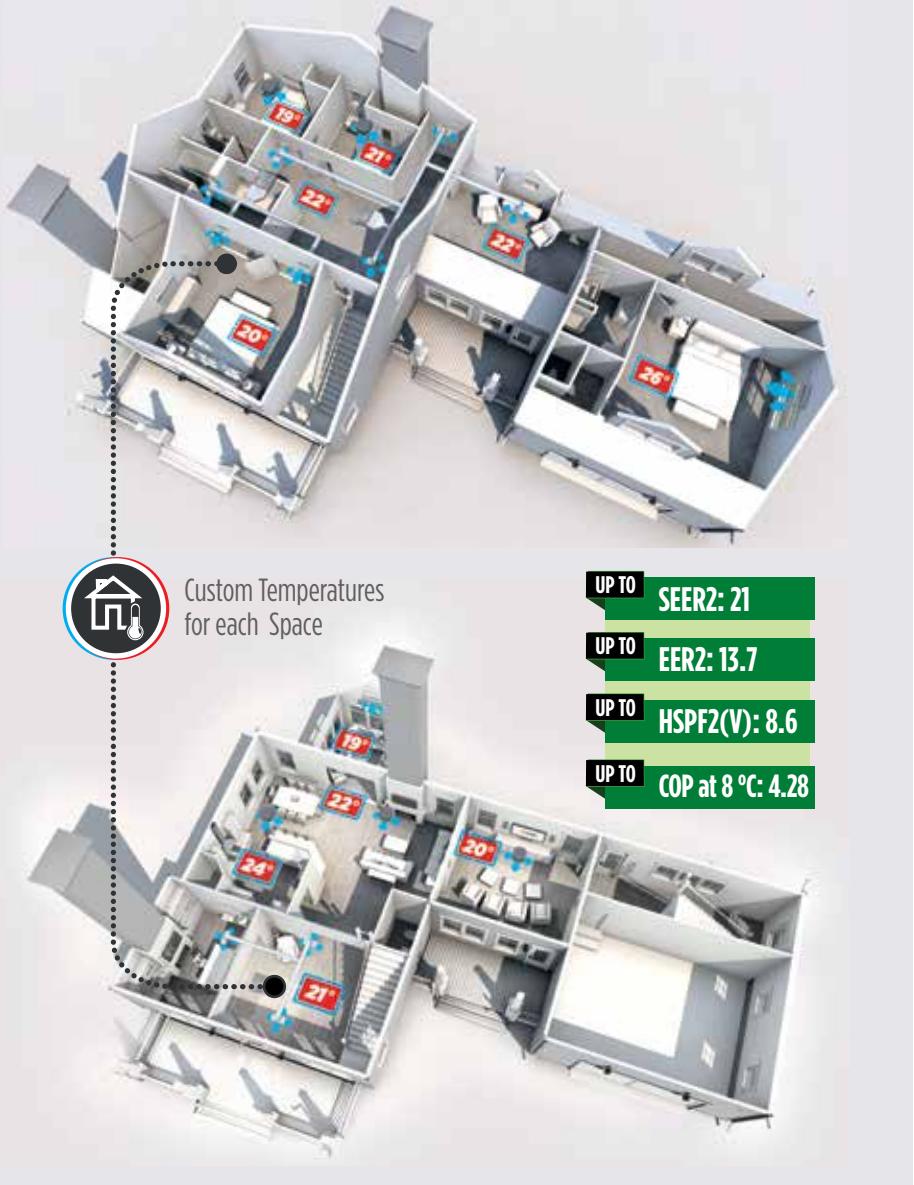
\* When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Installer. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details.

# MULTI ZONE HEAT PUMPS

MULTI ZONE UNITS ALLOW YOU  
TO CREATE AN **OASIS OF  
COMFORT** THROUGHOUT  
**YOUR WHOLE HOUSE**  
IN THE ROOMS YOU USE MOST.

## SECOND FLOOR

Each room (zone) operates independently with its own wireless or wired remote controller, so people in different rooms can choose the temperature that makes them most comfortable.



## FIRST FLOOR

**HEATS  
TO  
-30°C**

### Hyper-Heating Inverter Technology for Cold Climates

Mitsubishi Electric's Multi Zone systems are available in standard and cold climate. Cold climate heat pumps feature hyper heat H2i technology providing heating even when it's -30 °C outside operating at 100% heating capacity at -15 °C. These units are made for the Canadian climate and provide year round comfort, even in extreme temperatures.

†Outdoor units will operate to the manufacturer's pre-programmed lock-out (outdoor ambient) temperature which ranges from -30 °C to -10 °C. Product will resume operation at pre-programmed outdoor ambient temperature which ranges from -25 °C to -10 °C. (See product documentation for details.)



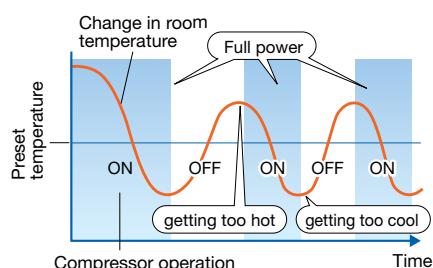


## Redesigned High Efficient Compressor

Through the optimization of a newly designed compressor and the use of the latest energy-saving technologies, the efficiency of Mitsubishi Electric's heat pumps have reached new heights. Our high performance compressors feature advanced variable-speed INVERTER-driven technology, which varies the compressor speed dynamically to continuously adapt to the conditioning requirements of each room.

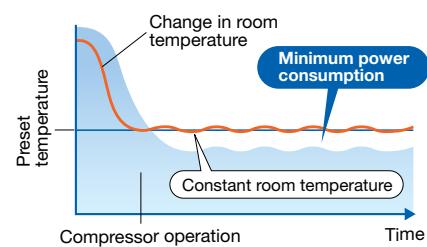
**VCS<sup>1</sup>**  
TECHNOLOGY

## Inverter Operation Comparison



### Non-Inverter Heat Pump

On/Off operation of compressor maintains room temperature.



### Inverter Heat Pump

Optimum control of frequency maintains preset room temperature.



## Connect up to 5 Indoor Units

A single outdoor unit can provide optimal heating or cooling for up to 5 zones.



## Long Pipe Runs

Up to 262 feet of piping for increased install flexibility.



## Base Pan Heater

The base pan heater ensures stable operation in low temperature environments, preventing operation disruptions and reduced capacity caused by drain water freezing. It comes built in on MXZ cold climate models and is optional on MXZ standard models.



## Low Noise

Operation noise tests are performed in an anechoic chamber with a very low 10dB of background noise. This ensures extremely quiet units with minimal operation noise from 49 dB(A).



## Unprecedented Comfort **3D i-see Sensor**

Incorporating the same semiconductor used in our spaceborne satellites, the 3D i-see Sensor from Mitsubishi Electric directs the perfect amount of heating or cooling towards those who need it most. And when you leave the room, it automatically switches into energy saving mode to help save you money.

Intelligently scanning the entire room and dividing it into 752 zones, it detects exactly where you and your family are located based on your unique body temperature. The 3D i-see sensor is so precise, it can even differentiate between people and pets!

## Wifi Connectivity



Adjust the comfort settings of your home remotely through our cloud app on your smart device, allowing for control at your fingertips, anywhere.



## Superior Air Quality

Simultaneously maintain optimal air quality as you heat or cool your home. Indoor models in the multi-zone system may include one or more of these features:

### Electrostatic Allergy Enzyme Filter

Charged with static electricity, this filter attracts and captures dust particles that regular filters cannot. It also works to trap and decompose allergens like mould and bacteria.

### Nano Platinum Filter

This filter has a large capture area and incorporates nanometer-sized platinum-ceramic particles that work to kill bacteria and deodorize the circulating air.

### Air Purifying Filter

A large capture area deodorizes the circulating air.

### Standard Air Filter

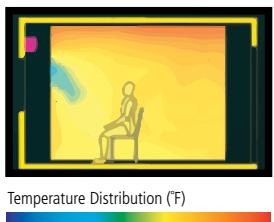
Removes dust particles from the air.

### Fresh Air Intake

Indoor air quality is enhanced by the direct intake of fresh exterior air.



### Econo Cool On



### Conventional Cooling Mode



## Econo Cool Energy Saving Feature

Econo Cool is an intelligent temperature control feature that adjusts the amount of air directed towards room occupants based on the air-outlet temperature.



## Optional M-NET Connection

Units can be connected to MELANS system controllers (M-NET controllers) such as the AE-C400.

Features on this page are available on various models. Consult with your local installer or refer to individual product information for a complete list of features.

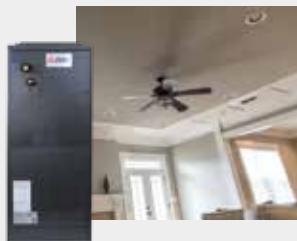
# MULTI ZONE SYSTEM

Connect up to 5 indoor units that complement any space.

## INDOOR UNITS



**SLZ-AF**  
4-Way Ceiling Cassette | DUCTLESS



**SVZ-AP**  
Multi-Position | DUCTED



**MFZ-KX**  
Floor Mount | DUCTLESS



**SEZ-AD**  
Ceiling-Concealed Low-Static | DUCTED



**MLZ-KX**  
1-Way Ceiling Cassette | DUCTLESS



**PEAD-AA**  
Ceiling-Concealed Mid-Static | DUCTED



**MSZ-FX**  
Wall Mount | DUCTLESS



**MSZ-GX**  
Wall Mount | DUCTLESS



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To view full  
compatibility  
details

## OUTDOOR UNITS

### COLD CLIMATE

**ZUBA MULTI**



**MXZ-2D20|3D24|3D30NLHZ**

### STANDARD



**MXZ-2D20NL**



**MXZ-3D24|4D30|5D36|5D42NL**

# SYSTEM EXAMPLE



2, 3, 4 and 5 ports  
MXZ-5D42NL Example **MXZ**

Connection of up to 5 indoor units



Powered by R-454B, an A2L refrigerant, Mitsubishi Electric's new lineup of heating and cooling solutions have a low Global Warming Potential (GWP) of 466 - 78% lower than R-410A.

In addition to advancements in sustainability, our new products are more efficient than ever, refreshed with new features, delivering powerful performance, while maintaining the same reliability and quality Canada has come to love and trust since 1987.



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To access MXZ connection rules



★ ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency



To solve various factors that lead to environment issues, the Mitsubishi Electric Group shall unite the wishes of each and every person, and strive to create new value for a sustainable future.



Certificate Number 79222      Certificate Number 78649

Mitsubishi Electric Consumer Products has acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO). The plant has also acquired environmental management system standard ISO 14001 certification.

**MitsubishiComfort.ca**

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**MITSUBISHI ELECTRIC**  
Changes for the Better