



Heating and Cooling

Now You Can
CUSTOMIZE COMFORT

**CANADA'S #1 SELLING BRAND OF DUCTLESS
HEATING & COOLING TECHNOLOGY**

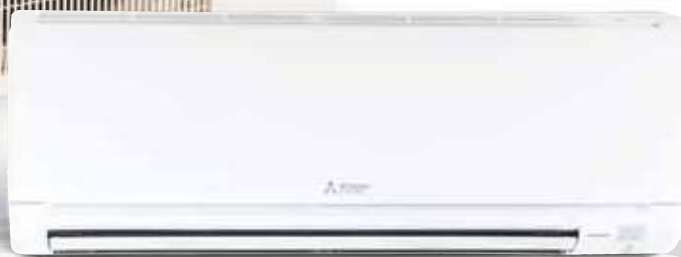
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THE FUTURE OF HOME COMFORT



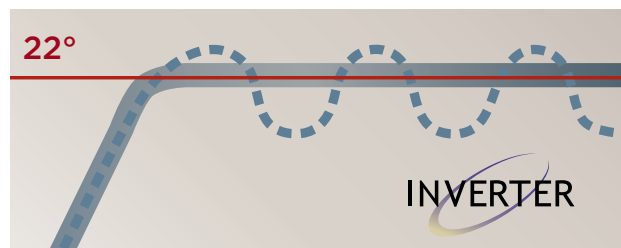
Mitsubishi Electric offers a superior alternative to traditional HVAC systems. Our ductless and ducted heating and cooling systems focus on individual rooms and living spaces, versus a central system's one-size-fits-all approach. Mitsubishi Electric systems are more energy-efficient, flexible, and easier to install — as proven by decades of successful use in Europe, Asia, and across the globe. It's easy to understand why ductless (or zoned) systems are the fastest growing segment of the Canadian heating and air-conditioning market. Mitsubishi Electric products reduce energy costs and easily provide solutions for:

- ▶ **Hot and Cold Rooms**
- ▶ **Additions and Renovations**
- ▶ **Enclosed Patios**
- ▶ **Homes Without Space For Ductwork**
- ▶ **Larger, Multi-zone Living Spaces**
- ▶ **Entire Home**



ADVANCED FEATURES FOR GREATER COMFORT, EFFICIENCY AND CONVENIENCE

Put Your Comfort on Cruise Control



Thanks to our advanced INVERTER-driven compressor technology, you can achieve consistent temperatures throughout your space while saving energy during both the summer and winter months. The compressor speed is controlled to maximize efficiency, changing speeds according to the heating or cooling needs of your room(s). Like a car's cruise control, the system varies the compressor speed, which reduces power consumption for energy savings. This is different from conventional systems, which start and stop repetitively, wasting energy.

Detect and Control Temperature Fluctuations



Our M-series FH wall-mounted model has the 3D i-see Sensor™. This infrared human sensing device scans the room and discovers the location of human heat signatures. The sensor also measures floor temperature in order to deliver conditioned air to those occupied areas that need it using double-vane airflow and motorized vertical vanes.

*Including tolerance, -30°C minimum operating temperature applies to select models. See a dealer for more information.

Hyper-Heating When You Need It

The advances in the heating performance of our units are unmatched. Our available H²i® technology can heat your space effectively even when temperatures outside are down to -30° C*.

Our Hot Start technology provides hot air from the start with no drafts.



Multiple Filters for Cleaner, Healthier Air



All indoor models use a sophisticated multi-part filtration system to reduce contaminants such as allergens, viruses and bacteria from the air. This combination of filters provides a healthier breathing environment for the home.

Quiet as a Whisper



Both the outdoor and indoor units operate quietly. The indoor units can operate as low as 19dB(A) – that's quieter than a human whisper.

HOW OUR DUCTLESS SYSTEM WORKS

Ductless heat pump systems pump heated or cooled refrigerant directly to air-handling units through small pipes. Each living space has its own air-handling unit, and each unit has its own wireless electronic temperature controller. Here's how the system works in a single room application.

Indoor Unit uses refrigerant in the coil to heat or cool air and quietly delivers where you need it in the living room space.

Outdoor Unit has an INVERTER-driven compressor pump that warms or cools refrigerant and sends it inside to an air handler through small pipes. Power and control wiring connects the outdoor to the indoor unit also.



Wireless Controller conveniently allows you to adjust temperature, fan speed, and more... at the touch of a button.



Indoor Unit

Refrigerant Lines

Outdoor Unit

WIRELESSLY CONTROL HOME COMFORT FROM ANY PLACE, AT ANY TIME

PAR-33MA Back-Lit MA Remote Controller



- 7 Day Programmable Controller
- Room temperature: displays room temperature sensed either at the indoor unit (default) or at the remote controller

- Set temperature range limit: from the back-lit MA controller
- Dimensions: 4-3/4" (w) 3/4" (d) x 4-3/4" (h) (120 x 19 x 120mm)
- Requires MAC-333IF-E to use with MSZ / MSY, MLZ & MFZ indoor units.



Optional MCCH1 Portable Central Controller

Full control of up to 16 RedLINK™ devices from anywhere in your home. Does not interfere with other wireless devices.



Optional MOS1 Outside Air Sensor

Monitors outside air temperature and humidity for display on MHK1 Remote Controller and MCCH1 Portable Central Controller.



MHK1 Wireless Wall-mounted Remote Controller and Wireless Receiver

Allows you to connect and control your Mitsubishi Electric system from a stationary and convenient location. Its user friendly back lit screen and controls makes it simple to operate. It conveniently connects to an optional central controller, outside air sensor and an Internet gateway for WiFi control.



Optional Thermostat Interface

Allows you to connect and control your Mitsubishi Electric system with other popular controllers on the market. Provides 3 input terminals to control fan speed control: High, Medium, and Low. One Thermostat Interface is needed per indoor unit.



Optional

Remotely monitors and controls your heating and cooling system at any time, from any place via PC, smartphone or tablet. No monthly fee, free app download.



THE PERFECT SOLUTION TO YOUR HEATING AND COOLING PROBLEMS

High Energy Costs

Why pay to heat and cool your entire home when you only occupy a few rooms at a time? With Mitsubishi Electric's heating and cooling systems, you can actively condition the rooms you occupy while dialing back energy cost in the rooms you do not occupy. Plus, Mitsubishi Electric's INVERTER-driven compressors automatically adjust to changing conditions to deliver ideal comfort while using only the energy that is needed.

- ▶ INVERTER-driven heating performance is far more efficient and effective than traditional heat pumps
- ▶ Heating is up to 50% more efficient than electric base boards*
- ▶ Single and multi-zone systems available to fit any room or your entire home
- ▶ Options include more than 30 ENERGY STAR® certified systems



*Based on a 2014 Study by Natural Resources Canada comparing electric baseboard heating vs. a heat pump. Potential savings may vary depending on type of equipment, personal lifestyle, system settings, equipment maintenance, and installation of equipment.

Hot or Cold Problem Rooms

Many Canadian homes have a room that's too hot in the summer or too cold in the winter. It's a common problem with ducted forced air systems — one that can be solved quite simply with a Mitsubishi Electric system.

- ▶ Wireless control unit senses the temperature throughout the room and makes automatic adjustments
- ▶ Installation is as simple as mounting units, connecting the refrigerant lines and making a few electrical connections
- ▶ No new ductwork required, so installation is fast and doesn't require any messy renovation
- ▶ Options for single rooms, multiple rooms or your entire home



THE PERFECT SOLUTION TO YOUR HEATING AND COOLING PROBLEMS

Renovations and New Homes

You don't have to install ductwork to make a living space comfortable. Mitsubishi Electric ductless solutions require only a 3" opening for two refrigerant lines, control wiring and electrical connections. Mitsubishi Electric ductless is the perfect solution for new additions, for renovated bedrooms and office spaces, for garage and basement workshops or studios. And it's a lifesaver for any home that can't accommodate ductwork.

- ▶ Outdoor units come in a wide variety of capacities, are compact and easy to install and camouflage
- ▶ Attractive enclosures are available to beautify and protect outside refrigerant and electric lines
- ▶ Indoor units can be installed anywhere in the room — on ceiling, wall, or floor



Allergens and Odours

A room isn't really comfortable unless the air breathes comfortable. That's why Mitsubishi Electric heating and cooling systems use a sophisticated multi-part filter system to reduce odors, allergens, viruses and bacteria from the air as it circulates within a room.

- ▶ Hybrid filter absorbs odour-causing gases
- ▶ Blue-enzyme, anti-allergen filter on select models reduces germs, bacteria and viruses and helps trap dust, pollens, mites and other particles that plague allergy sufferers
- ▶ With regular cleaning, the primary filter can last up to 10 years
- ▶ Filters are easy to clean and maintain — you can do it in a matter of minutes



OUTDOOR UNITS



Single and Multi-zone Outdoor Units

An assortment of models provide a wide range of heating and cooling capacity from 2,800 to 54,000 Btu/h. Each specifically designed to power a single-indoor unit for single room applications — or up to eight indoor units for multiple-room applications. More than 30 ENERGY STAR® certified systems including efficiency ratings as high as 33.1 SEER. All units are extremely quiet when compared to conventional models. Talk to your authorized Mitsubishi Electric contractor about which combination will best fit your heating and cooling needs.



MUY

MUZ

MXZ

INDOOR UNITS

Indoor units allow you to create individual comfort zones.

Control the temperature within any space using ductless models including wall-, floor-, and ceiling-mounted options. Ducted options are available for larger or smaller zone conditioning. You can customize your comfort while you save money by heating or cooling only the spaces you use.

Wall-mounted

Slim, wall-mounted units provide individual room comfort control. Deluxe wall units are available with several energy saving features.



Perfect for attics, sunrooms and rooms with low walls.

Floor-mounted

Ideal for areas that are smaller or don't have as much wall space. (Multi-zone applications only).



1-Way and 4-Way Ceiling Cassette

The 1-Way combines ease of installation with a streamlined, edgeless design. It's low profile allows it to fit seamlessly into any room, enhancing it's environment while conserving energy.

The 4-way airflow pattern allows for better air distribution.



Perfect for bedrooms, offices, basements, sunrooms and additions.



Perfect for master bedrooms, baths, additions, rooms with attics.

Horizontal-ducted

Provides low-profile comfort and efficiency while staying hidden in ceiling or floor.



Multi-position-ducted

Mitsubishi Electric also provides heating and cooling equipment for ducted applications. The multi-position ducted models are suited for whole home comfort solutions and multi zone solutions.



MVZ and SVZ models for multi/single zone applications

MULTI-ZONE APPLICATIONS

Multi-zone units allow you to create an oasis of comfort throughout your whole house in the rooms you use most.

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.



SINGLE-ZONE APPLICATIONS

Single rooms can now have ultimate comfort with the power of precise control over hot and cold spots.

Hot or Cold Rooms



Sunrooms



Kitchens



Master Bedrooms



Living Rooms / Media Rooms



Bonus Rooms / Guest Rooms



WHY MITSUBISHI ELECTRIC?

Mitsubishi Electric is a world leader in ductless heating and cooling technology for both residential and commercial installations — and **we're #1 in Ductless in Canada.**

So, with Mitsubishi Electric, you can be sure that you're getting:

- ▶ **The latest, most efficient technology**, including the most advanced, INVERTER-driven heat pump systems in the world.
- ▶ **Mitsubishi Electric Quality Contractors**: a nationwide network of independent local HVAC pros who will provide skilled installation and service.
- ▶ **One of the best warranties in the business**: 10 years on parts and 10 years* on the compressor when installed and registered by a Mitsubishi Electric Authorized HVAC Installer. See website for warranty information.



Environmental Vision 2021 is the long-term environmental management vision of the Mitsubishi Electric Group. With the guideline of making positive contributions to the earth and its people through technology and action, the Company is working toward the realization of a sustainable society

utilizing wide-ranging and sophisticated technologies as well as the promotion of proactive and ongoing actions by our employees. The Vision sets 2021 as its target year, coinciding with the 100th anniversary of Mitsubishi Electric's founding.



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



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.



Heating and Cooling

Visit mitsubishicomfort.ca to find a contractor in your area.

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