

A NEW LEVEL
OF HOME COMFORT.

RELIABILITY CANADA HAS
COUNTED ON SINCE 1987.

CUSTOMIZE
YOUR
COMFORT





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 both individual rooms and living spaces, along with central heating and cooling. Mitsubishi Electric systems are more energy-efficient, flexible, and easier to install — as proven by decades of successful use in North America, 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



Homes with Existing Ductwork
Larger, Multi-zone Living Spaces
Entire Home

HOW OUR **HEAT PUMP** SYSTEM **WORKS**



Ductless and ducted heat pump systems direct heated or cooled refrigerant directly to an indoor unit 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

The INVERTER-driven compressor is the heart of the heat pump system. The compressor works by pumping the required amount of refrigerant throughout the system to achieve the set point temperature by constantly adjusting its speed and capacity as required.

Wireless Controller

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



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 costs 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
- Save up to \$3,400*
- Single and multi-zone systems available to fit any room or your entire home
- Options include a wide selection of ENERGY STAR® certified combinations



HEAT OR COOL 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.

- Indoor 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

*Based on NRCAN study 2022. Switching to electric heat pumps can save Canadian up to \$3,400. Conditions apply.



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

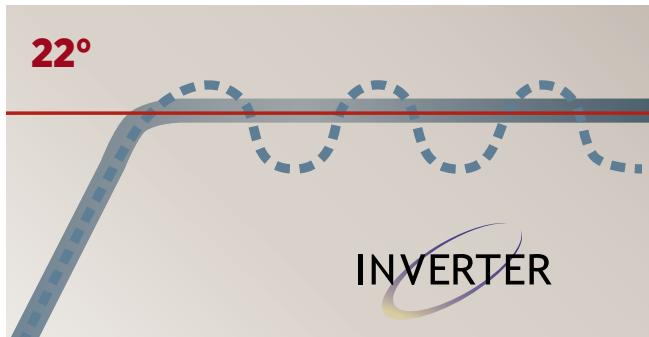


ALLERGENS AND ODOURS

A room isn't really comfortable unless the air you breathe is clean. That's why Mitsubishi Electric heating and cooling systems use a sophisticated multi-filtration system to reduce odours, allergens, viruses and bacteria from the air as it circulates within a room.

- Hybrid filter absorbs odour-causing gases
- The Blue Enzyme Anti-Allergen Filter on select models reduces germs, bacteria, Influenza and viruses and helps trap dust, pollen, 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

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.



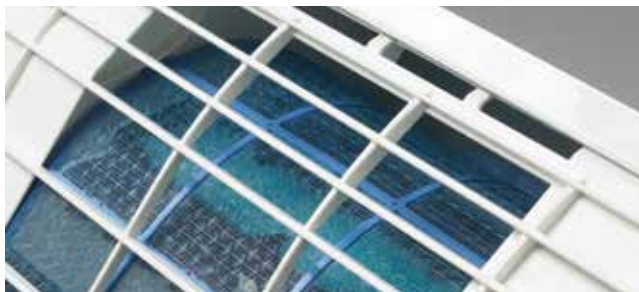
Hyper-Heating For Cold Climates

Our Zuba Cold Climate heat pumps, featuring Hyper-Heat Inverter technology provides 100% heating capacity at -15°C and can heat your space efficiently when outside temperatures go down to -37°C^* . Furthermore, our Hyper-Heat Sumo technology can operate at 100% down to -23°C , our most advanced model to date.



Wi-Fi Feature

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



Multiple Filters for Cleaner Healthier Air

A sophisticated multi-part filtration system reduces contaminants such as allergens, viruses and bacteria from the air. This combination of filters provides a healthier breathing environment for the home and is available on most indoor models.[†]



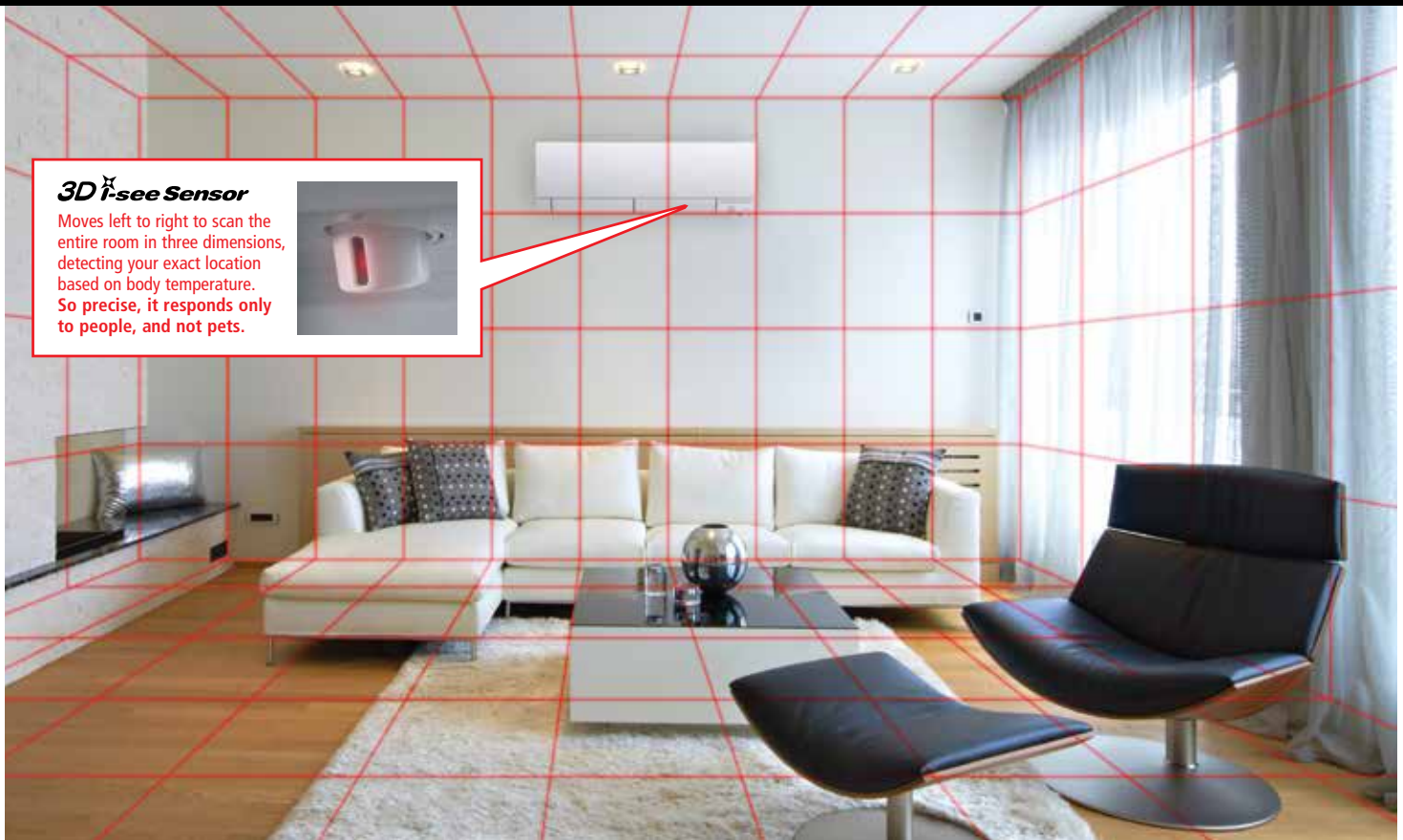
Quiet as a Whisper

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.

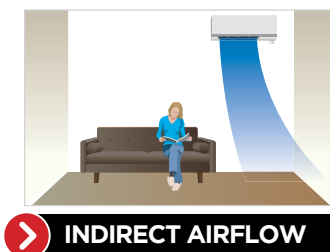
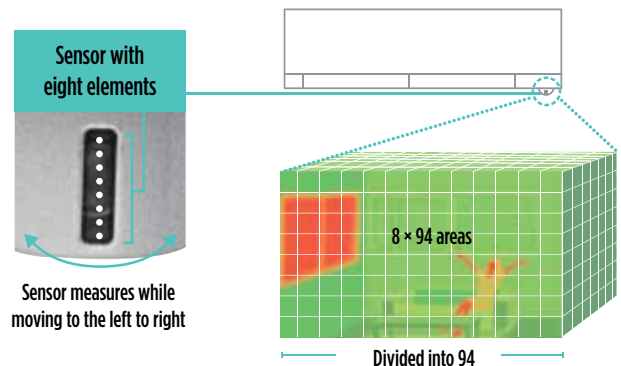
* GX and FX units only. Includes tolerance. Units can operate in heating mode down to -36.7°C (above claims have been rounded to nearest integer of -37°C) depending on conditions.

† For more details, speak to your local dealer.

NEXT LEVEL PRECISION COMFORT: *3D i-see Sensor*



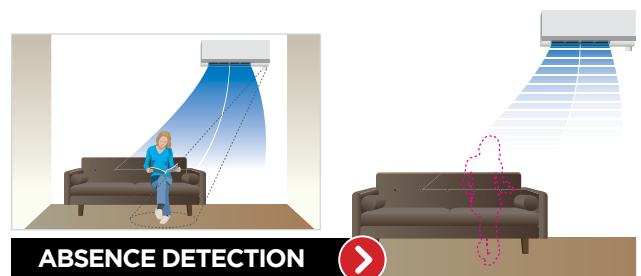
A Mitsubishi Electric-exclusive innovation, the 3D i-see Sensor delivers precision comfort to where it matters most. An infrared ray sensor measures the temperature at distant positions. While moving to the left and right, eight vertically arranged sensor elements analyze the room temperature in three dimensions. This detailed analysis makes it possible to judge where people are in the room, thus allowing creation of features such as "Indirect airflow", which helps prevent air from blowing directly onto individuals, while "direct airflow" ensures air is delivered precisely to areas where people are present.



The indirect airflow setting can be used when the flow of air feels too strong or direct. For example, it can be used during cooling to avert airflow and prevent body temperature from becoming excessively cooled.



This setting can be used to directly target airflow at people for immediate comfort when coming indoors on a hot (cold) day.



The sensors detect whether there are people in the room. When no-one is in the room, the unit automatically switches to energy-saving mode.

The 3D i-see Sensor detects people's absence and the power consumption is automatically reduced by approximately 10% after 10 minutes and 20% after 60 minutes.

DUAL BARRIER COATING | MATERIAL



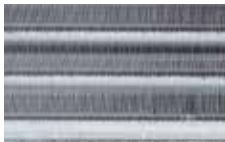
Dual Barrier Coating

The patented Mitsubishi Electric Dual Barrier Coating prevents dust and dirt from accumulating on the inner surface of the heat pump, keeping your heat pump clean year-round. Blended hydrophobic coating prevents hydrophilic dirt penetration and also prevents hydrophobic dirt from getting into the unit. As a result, the patented dual barrier coating on the inner surface continues to keep key internal components clean.

HEAT EXCHANGER



No Dual Barrier Coating Used



➤ Dual Barrier Coating Used

FAN



No Dual Barrier Coating Used



➤ Dual Barrier Coating Used

AIR DUCT



No Dual Barrier Coating Used



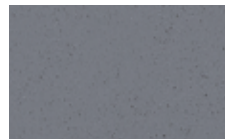
➤ Dual Barrier Coating Used



HORIZONTAL VANE



No Dual Barrier Material Used

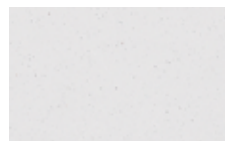


➤ Dual Barrier Material Used

VERTICAL VANE



No Dual Barrier Material Used



➤ Dual Barrier Material Used



Dual Barrier Material

The patented Dual Barrier Material performs the same anti-fouling effect as Dual Barrier Coating, and is kneaded into horizontal and vertical vane material which is generally challenging to apply coating to. Combined with Dual Barrier Coating, the whole air passage of the indoor unit is kept clean all year round.

The Dual Barrier Coating thus prevents dust and dirt from accumulating on the unit's horizontal and vertical vanes and from getting into the unit. As a result, the key components of the unit stay clean year-round.



A NEW **STANDARD** FOR HEATING IN THE **EXTREME**

FX

COLD CLIMATE
**HEAT
PUMPS**



Wide Capacity Range:
6,000 – 24,000 Btu/h



The FX Series features Mitsubishi Electric's most advanced Hyper Heat h2i technology, delivering year-round comfort in extreme climates with quiet, energy-efficient operation, 3D i-see Sensor control, and triple-action filtration.



**HEATS
TO
-37°C**

**100%
HEATING
CAPACITY
AT -23°C**

UP TO	EER2: 21.45
UP TO	SEER2: 35.00
UP TO	HSPF2: 12.1
UP TO	COP at 8 °C: 4.94



INDUSTRY-LEADING
HYPER HEAT TECHNOLOGY



KEY FEATURES:

3D i-see Sensor

Intelligently personalizes airflow to occupants, optimizing energy savings and delivering unmatched comfort.

Built-In Wi-Fi Connectivity

Adjust comfort settings from anywhere in the world.

Smart Dry

New and improved advanced dehumidification mode.

Whisper Quiet Operation

Indoor units as low as 20 dB (A) ensure minimal noise for maximum comfort.

Advanced Multilayer Air Filtration

Ensures optimal air quality and prolonged equipment lifecycle.

Dual Barriers

Indoor unit coatings simplify cleaning, ensuring efficiency with minimal maintenance.

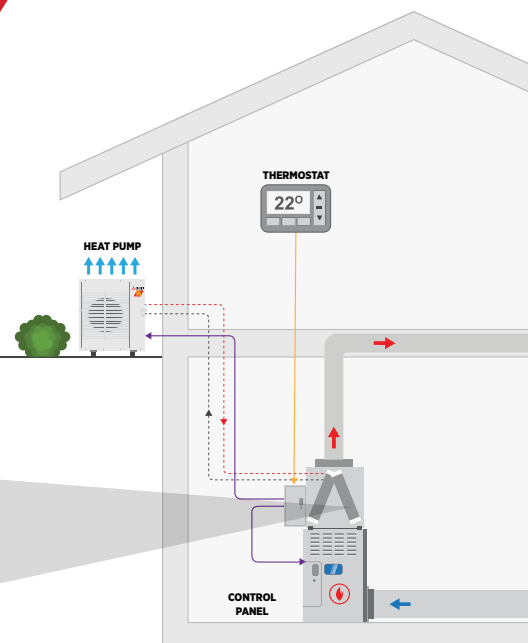
Base Pan Heater

Provides freeze protection and defrost drainage.

HYBRID HEATING AND COOLING

IT'S TIME FOR A HYBRID REVELATION.

You've probably heard of hybrid cars before, but what is hybrid heating? Put simply, it's a home comfort system that uses the electric power of a heat pump to heat and cool your home while switching to your existing furnace when it's more efficient.



FURNACES & HEAT PUMPS: WHAT ARE THE DIFFERENCES?

FURNACES



Heats
Provides heating only.



Lower Efficiency
Energy efficiency rate of up to 99%.‡



Burns Fuel
Creates heat by burning fossil fuels like gas and propane.



Increases GHG
Furnaces running on fossil fuels like gas and propane produce carbon emissions which harms the environment.



Inconsistent Heat
Only cycles between on and off.

HEAT PUMPS



Heats and Cools
Provides both heating and cooling.



Higher Efficiency
Energy efficiency rate of up to 425%.††



Transfers Heat
In heating mode, extracts heat from outside and moves it inside. In cooling mode, the reverse occurs.



Produces No GHG
Runs on electricity instead of fossil fuels, producing zero carbon emissions.



Consistent Temperature
Adjusts to match heating needs.

‡ AFUE
†† COP of 4.25

hybridheatingandcooling.ca

ZUBA HYBRID

KEY FEATURES & BENEFITS

Compatible with any existing furnace**



Optimum Control Logic
Keeps you comfortable while using the least amount of energy.



Consistent Comfort
100% heating power at -15°C.



Multi-Zone
Compatible with multi-zone systems addressing hot or cold spots in the home.



Small size
Outdoor units measure from 11 ¼ to only 13 inches deep.



Low noise
Whisper quiet operation as low as 49 dB(A) outdoors and 19dB(A) indoors.



Peace of Mind
Backed by our 10 year parts and compressor warranty.*



Range of Capacities
Available in 18,000 to 42,000 BTU capacities.



Standard or Hyper Heat (H2i™)
Available in standard or Cold Climate heat pump that operates down to -25°C.†

** Furnace must comply with the ANSI Z21.47.CSA2.3 standard. Excludes Oil or Drum type furnaces. Do not install the PAA on any furnaces or applications where supply air temperature could exceed 93.3 °C / 200 °F, or where the furnace output capacity is greater than 300% of the rated PAA heating capacity. See Installation Manual for further information. * When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Contractor. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details. †All versions of models PUZ-AK24NLHZ, PUZ-AK30NLHZ, PUZ-AK36NLHZ, PUZ-AK42NLHZ, MXZ-2D20NLHZ, MXZ-3D24NLHZ, MXZ-3D30NLHZ, PUMY-HL36NKMU, PUMY-HL42NKMU, PUMY-HL48NKMU. Includes tolerance. Units can operate down to -30°C, depending on conditions.

SINGLE AND MULTI ZONE OUTDOOR UNITS

An assortment of models provide a wide range of heating and cooling capacities from 9,000 to 60,000 Btu/h. Each specifically designed to power a single-indoor unit for single room applications—or up to eight indoor units for multiple rooms. Talk to your authorized Mitsubishi Electric contractor about which combination will best fit your heating and cooling needs.

MULTI ZONE HEAT PUMPS

COLD CLIMATE



MXZ-2D20|3D24|3D30NLHZ

ZUBA MULTI



PUMY-HL36|42|48NKMU

STANDARD



MXZ-2D20NL



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



PUMY-L36|48|60NKMU

1:1 HEAT PUMPS

Pair with any one of six indoor units

SUZ | THE
UNIVERSAL
UNIT

COLD CLIMATE



SUZ-AA09|12|15|18NLHZ



SUZ-AK24|30|36|48NLHZ

STANDARD



SUZ-CA09|12|15NLH



SUZ-CA18|24|30|36NLH



SUZ-CK48|60NLH



**HEATS
TO
-37°C** *

FX | BUILT FOR THE EXTREME

Cold Climate: MUZ-FX06|09|12|15|18|24NLHZ2



100% HEATING CAPACITY
DOWN TO -23 °C



**HEATS
TO
-37°C** *

GX | HIGH PERFORMANCE

Cold Climate: MUZ-GX09|12|15|18|24NLHZ2
Standard: MUZ-GX09|12|15|18|24|30|36NLHZ



HX | PRACTICAL COMFORT

Standard: MUX-HX09|12|15|18|24NLHZ



JX | COMPACT POWER

Standard: MUZ-JX09|12WLH

* FX and GX cold climate models only. Includes tolerance. Units can operate in heating mode down to -36.7°C (above claims have been rounded to nearest integer of -37°C) depending on conditions.

AIR CONDITIONER



GX | AIR CONDITIONER

Standard: MUY-GX09|12|15|18|24|30|36NL

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 energy by heating or cooling only the spaces you use.



FX | GX | HX SERIES

Wall Mount | DUCTLESS

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



JX SERIES

115v Wall Mount | DUCTLESS

The JX Series is a 115v heat pump which may be connected to dedicated (15 or 20A) electrical circuits providing significant savings in installation costs.



MFZ SERIES

Floor Mount | DUCTLESS

Ideal for areas that are smaller or don't have as much wall space. This is applicable for single rooms/zones.



SEZ | PEAD SERIES

Ceiling Concealed | DUCTED

Provides comfort and efficiency while staying hidden in the ceiling or floor.



MLZ | SLZ SERIES

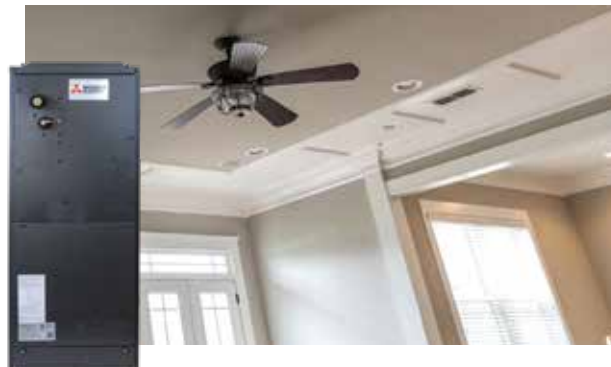
1-Way and 4-Way Ceiling Cassettes | DUCTLESS

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 air distribution in larger rooms or open concept spaces.



PAA SERIES **Hybrid Heating & Cooling | DUCTED**

Integrates easily with your existing furnace to provide central heating and cooling. The system chooses the source of energy used to heat your home, switching between the heat pump and furnace to deliver the ultimate efficiency.



SVZ SERIES **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 and multi zone solutions.

SINGLE ZONE APPLICATIONS

EXPERIENCE UNMATCHED COMFORT IN SINGLE ROOMS WITH PRECISE TEMPERATURE CONTROL THAT ELIMINATES HOT AND COLD SPOTS.

> **HOT OR COLD ROOMS**



> **SUNROOMS**



> **KITCHENS**



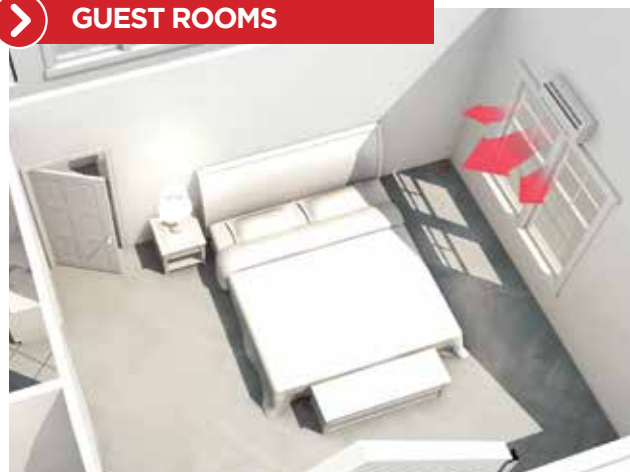
> **MASTER BEDROOMS**



> **LIVING & MEDIA ROOMS**

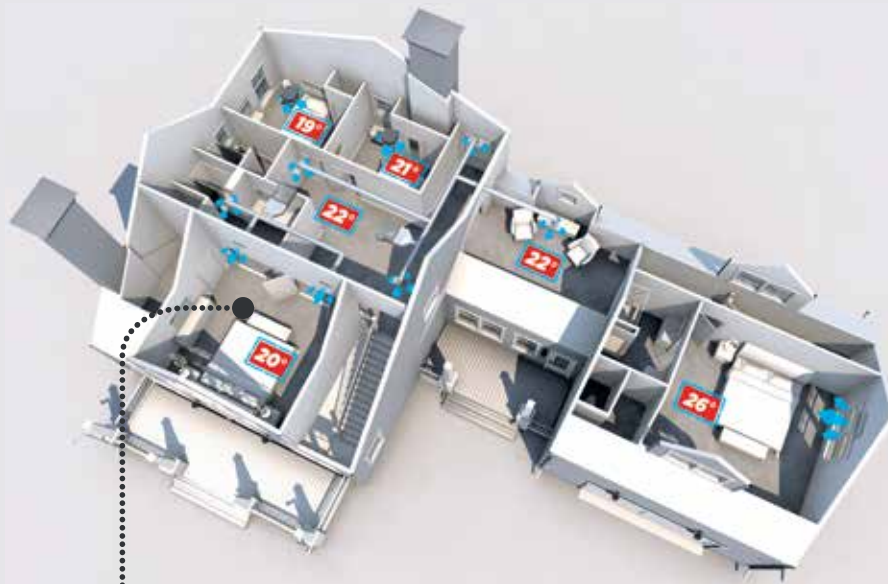


> **GUEST ROOMS**



MULTI ZONE APPLICATIONS

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.



Custom Temperatures
for each Space



FIRST FLOOR

WHY MITSUBISHI ELECTRIC?

Mitsubishi Electric is a world leader in ductless and ducted heat pump heating and cooling technology for both residential and commercial installations.

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

- ✓ **Most reliable and 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 professionals 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. Certain conditions, restrictions and/or limitations apply. See website for warranty information.



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.



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



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.



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.

MitsubishiComfort.ca

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