

Mr.SLIM™



M-SERIES

PRODUCT CATALOGUE

AIR CONDITIONER & HEAT PUMP



 **MITSUBISHI ELECTRIC**
Changes for the Better

Mr. SLIM™



M-SERIES

PRODUCT CATALOGUE



The Attraction of Being Untraditional

■ Mr. Slim M-Series is the ideal solution for homes and light commercial areas with varying needs and applications. M-Series ductless systems are stylish, compact, quiet, attractive and secure. Advanced technology also means your Mr. Slim ductless system will run more efficiently than a conventional unit, saving you from rising energy costs.

Designed for the Toughest Environment

■ No two buildings are alike. From condos to cottages to houses, each design, each floor plan, each room offers its own challenges for something as important as proper air conditioning and circulation. Mr. Slim systems are



designed to adapt to your needs. Reliable, easy to install, and extremely quiet, Mr. Slim systems are powerful enough for the toughest situations, no matter what part of the country you live in.

Variable Compressor Speed Inverter Technology



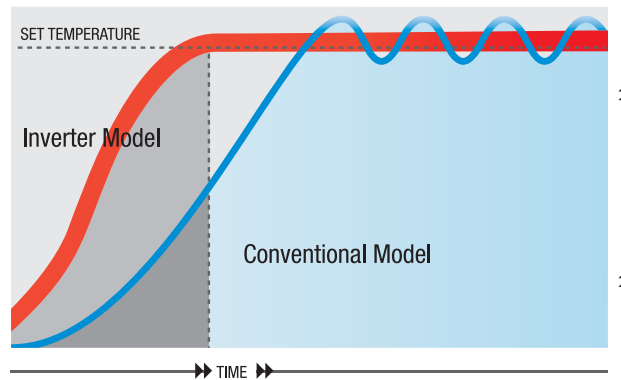
At the heart of Mr. Slim M-Series ductless air conditioners and heat pumps lies Variable Compressor Speed Inverter (VCSi) technology. Unlike conventional machines which only cycle between On and Off, VCSi systems detect changes in room temperature and readjust the compressor speed to provide high-speed cooling and heating as needed. This means the space maintains a consistent, accurate temperature for the ultimate in comfort, all while using only the power that's needed. By adjusting the air conditioning capacity to run more efficiently, your energy costs are reduced.

VCSi technology saves energy in two ways:

1 VCSi features soft-start control, which means the compressor starts up at a minimum speed, then increases its speed to match the required load. This prevents the compressor from drawing the extra amps needed with every start-up, as is the case with a conventional compressor that always runs at the same full speed.

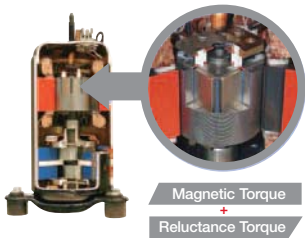
2 Once the desired temperature of the room is reached, the compressor slows down to maintain a constant temperature. By slightly adjusting speed rather than shutting off and on again, electrical loads are kept constant rather than wastefully peaking.

| VCSi systems | Conventional systems |
|---|---|
| VCSi compressor speeds up and slows down to maintain the conditioned space temperature. | Conventional compressor turns on and off to maintain the temperature. A compressor draws more amps at start-up than any other time. |
| Energy consumed by a VCSi compressor is directly related to the required amount of cooling or heating. (Capacity changes as needed.) | Conventional compressor consumes maximum amount of energy to produce maximum amount of cooling or heating at all times. (Capacity does not change.) |
| VCSi compressor helps system reach its set point quicker by running at a higher RPM for a shorter period of time, then ramps down to maintain temperature. | Conventional compressor runs at same RPM for longer period of time, then switches on and off to maintain temperature. |
| Indoor temperature swing is minimized with the VCSi system because the indoor coil activates longer. As temperature changes slightly, compressor speed also adjusts slightly to compensate. | Conventional system kicks back on at full speed to compensate for small changes in temperature. |



Conventional air conditioners take a longer time to reach their set-point temperature and can only offer you a range of temperatures between the On/Off cycles. VCSi systems closely control the variable compressor speed, so they reach the desired temperature faster and are able to keep the temperature constant by sensing the indoor cooling or heating needs. This allows our products to run more efficiently and reduce energy costs.

Mitsubishi Electric's VCSi Compressor



Magnetic Torque
+
Reluctance Torque

The compressor automatically varies its speed to match the indoor cooling or heating load. This means it consumes only the energy necessary to match the exact requirements of the room.

A Smart Way to Stay Cool-Headed



Outdoor unit



Indoor unit



The amount of refrigerant that flows between the compressor and the indoor unit increases or decreases depending on how much heating or cooling is needed.

EASY TO INSTALL. EASY TO ENJOY

Mitsubishi Eliminates the Ductwork, and the Guesswork

■ The main difference between a Mitsubishi Electric Mr. Slim system and a traditional central system is the absence of ducts to distribute the air. This is of significance, especially for locations that lack existing ductwork.

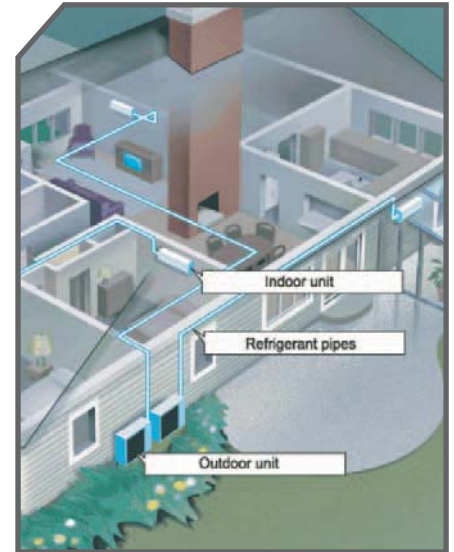
M-Series split ductless systems consist of two units, the indoor unit and the outdoor unit, which are connected by two refrigerant lines running through a small 10 cm opening in the wall or ceiling.

Installation is easy: simply mount the indoor and outdoor units, connect the refrigerant lines and make the needed electrical connections to power the system.

Unlike conventional air conditioning units that cycle on and off, the M-series system is one of the quietest systems on the market. Improvements to the fan blade design and the new grille shape has made outdoor operation very quiet. This makes Mr. Slim the ideal solution for cooling any home or cottage.

Ductless systems are available in sizes from 9,000 to 24,000 BTU/h, offering one of the widest selections in the industry.

■ Refrigerant pipes are all you need to connect indoor and outdoor units. This eliminates the need for expensive and obtrusive ductwork to cool your home.



Home Comfort, Room by Room

■ The ease of installation and flexibility of Mr. Slim means you don't have to restrict your comfort to only one part of your home.



The outdoor unit is so sleek and quiet, your neighbours won't even know you're heating or cooling your home.



Den: Just knowing how efficiently Mr. Slim operates can help give your home a more relaxed atmosphere.



Bedroom: Steady temperatures throughout the night let you sleep soundly in any weather.



Living Room: Whether you're working or relaxing, you'll notice the difference that a constant temperature makes.

6+6
YEARS
PARTS & COMPRESSOR
WARRANTY*

All Mr. Slim systems installed by an Authorized HVAC[†] Installer under the Mitsubishi Electric Quality Dealer Training Program will receive an upgrade to an extended 6-year parts and 6-year compressor warranty instead of the standard 2-year parts and 6-year compressor warranty. See your Mitsubishi Electric Authorized Dealer for details.

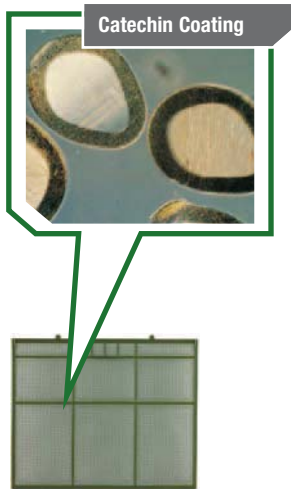
*When installed by an Authorized HVAC Installer.
†Heating, Ventilating, and Air Conditioning.



Catechin Plus Air Purifying Systems consist of Catechin Pre-Filters and Anti-Allergy Blue Enzyme Filters which deodorize, deactivate allergens, eliminate bacteria and promote antiviral effects.

Catechin Plus Pre-Filter

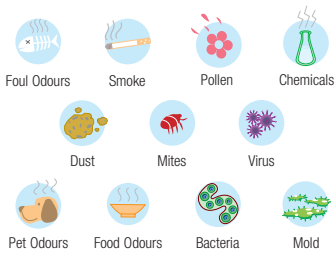
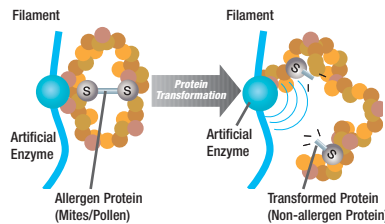
Catechin is a bioflavonoid found in green tea and is known for its deodorizing, anti-bacterial and antiviral properties. With our innovative technology, Catechin has been infused deeply into every cell of the pre-filter to keep the air in your home healthy. Catechin Pre-Filters are washable and are manufactured to last up to 10 years or longer.



Molecules of the Hybrid Catechin Pre-Filter

Anti-Allergy Blue Enzyme Filter

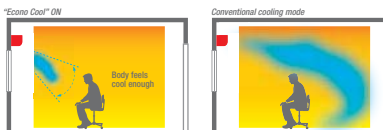
Traps dust, pollen, mites and other particles that can cause allergic reactions. The artificial enzyme catalyst helps break down S-S bonds in these allergens, transforming them into harmless proteins.



Econo Cool

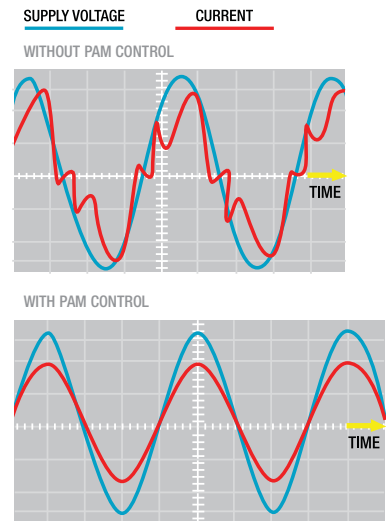
Intelligent temperature control feature that adjusts airflow direction depending on air outlet temperature. Gain up to 20% in energy efficiency by raising temperature 2 degrees without any loss in comfort.

| | Conventional Cooling | "ECONO COOL" ON |
|---------------------|----------------------|-----------------|
| Ambient Temperature | 35°C/95°F | 35°C/95°F |
| Set Temperature | 25°C/77°F | 27°C/80.6°F |
| Sensing Temperature | 30°C/86°F | 29.5°C/85.9°F |



PAM Control

Pulse Amplitude Modulation controls the form of the current wave so that it conforms to the supply voltage wave. With PAM control, up to 98% of the input power supply is effectively used.



LCD Wireless Remote Control

Easier to use than most TV remotes, the wireless controller features a large and easy-to-read display, and lets you adjust fan speed and output modes from anywhere in the room.



Cooling at -10°C/14°F

Conventional air conditioners don't cool when outdoor temperatures drop below 20°C/67°F. With Mr. Slim intelligent fan speed control, the system performs in cooling mode even when outdoor temperature is down to -10°C/14°F.

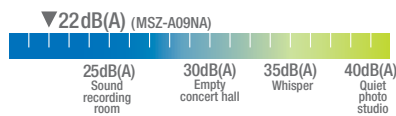
FEATURES

Fuzzy Logic "I Feel"

On auto mode selection, the fuzzy logic control system adjusts conditions to suit you. By tapping the Too Cold or Too Warm button on the remote, the optimum temperature is set and memorized, recalling it whenever you turn on the air conditioner.

Super-Quiet Technology

So quiet, you may not even notice it's on. Advanced technology from Mitsubishi Electric has led to the creation of super-quiet air conditioners suitable for all rooms of your home.



Powerful Cool

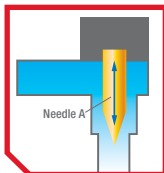
This automatic, one-touch system cools rooms faster by producing more airflow than the 'high' fan speed. This operation automatically returns to its regular setting after 15 minutes for optimized energy efficiency.

Auto Change Over

The system automatically switches between cooling and heating to compensate for changes in room temperature. This maintains comfort with efficient and totally hands-free operation.

New LEV Control

The Linear Expansion Valve (LEV) automatically adjusts the volume of refrigerant flow through the indoor coil according to air conditioning load. When the load is low, the volume is decreased to allow for efficient and economical operation.



Wide & Long Airflow

With the wireless remote, you can adjust left and right airflow directions. Combine this with the 5-Step Vane and Long controls, you can adjust the airflow into 42 different patterns reaching as far as 39 ft from the unit.



Exclusive for MSY/MSZ-A24NA

Auto Mode

Set vane angles and fan speeds to automatically create the most efficient settings for your room.

5-Step Vane Control & Swing Mode

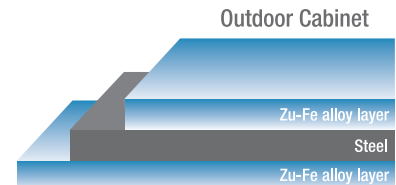
Use your remote to select from five airflow patterns and set the vane to swing automatically for maximum efficiency – all from the comfort of your chair.

Auto Restart

Automatically returns to previous settings after a power blackout. You can now sleep peacefully through the night without having to get up and turn your air conditioner back on.

Anti-Rust

Outdoor unit cabinets are all specially treated with an anti-rust coating to resist the harshest conditions.



Self-Diagnostic Function

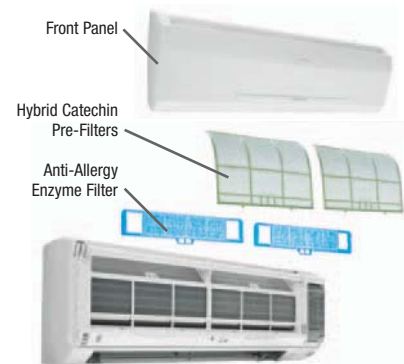
LED display on the indoor unit flashes to indicate areas to check in the event of malfunctions.

24-Hour ON/OFF Timer

Save energy cost while keeping your home comfortable. Set unit to turn on automatically just before coming home from work, or set it turn off when operation is unnecessary, such as when you're asleep.

Easy-Clean Design

Front panel detaches easily, allowing you to clean vents and filters so as to maintain operating efficiency and energy savings.



Mitsubishi Electric introduces a **new level of comfort** with the stylish MSZ-FD ductless heating and cooling units. Beautifully designed to complement any decor, these powerhouse units are **the most advanced and most efficient models we've ever created.**



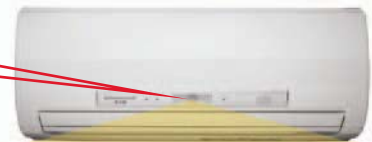
i-see Sensor A New Way of Looking at Total Comfort.

Mr. Slim's FD-model uses the revolutionary i-see Sensor that detects more than just room temperature.

Room temperature is only one of the factors which affect human thermal comfort as defined by the industry standard.* Equally important factors include radiant temperature, air movement, humidity, etc. Mr. Slim FD-model is equipped with the industry-first i-see Sensor which measures radiant hot and cool spots in the room and focuses airflow to those specific areas.




This intelligent system not only maintains air temperature, but also controls air movement and humidity levels to prevent excessive heating or cooling and unnecessary operation. As a result, you enjoy total comfort and less energy waste – something that conventional systems were never designed to do.

i-see Sensor detects radiant hot and cool spots in the room and focuses airflow to those specific areas.



*American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 55

ADVANCED NEW FEATURES ALSO INCLUDE:

-  **Platinum Deodorizing Filter.** The filter element contains Platinum Catalyst, which increases deodorizing performance. And with the advanced nano-technology, odour-releasing particles are being absorbed much more efficiently at the molecular level.
-  **Powerful Mode.** Now available in both heating and cooling modes to provide you with quick comfort just as soon as you need it.
-  **Horizontal and Vertical Vane Control.** Both sets of vanes are now motorized to deliver the air more evenly across the room.

FEATURES & SPECIFICATIONS



i-see Sensor
UP TO 23 SEER

Optional accessories available. Visit www.mrslim.ca for more information.

| Model | | | MSZ-FD09NA | NEW | MSZ-FD12NA | NEW |
|-------------------------------|---------------------------------------|-------|---------------------------|-----|-------------------|-----|
| Capacity (Rated) | Cooling | Btu/h | 9,000 | | 12,000 | |
| Capacity (Min ~ Max) | | Btu/h | 2,800 ~ 9,000 | | 2,800 ~ 12,000 | |
| Capacity (Rated) | Heating | Btu/h | 10,900 | | 13,600 | |
| Capacity (Min ~ Max) | | Btu/h | 3,000 ~ 18,000 | | 3,000 ~ 21,000 | |
| Power Consumption (Min ~ Max) | Cooling | W | 650 (160 ~ 650) | | 960 (160 ~ 960) | |
| | Heating | W | 750 (150 ~ 2,400) | | 980 (150 ~ 2,400) | |
| EER | Cooling | | 13.8 | | 12.5 | |
| SEER | Cooling | | 23 | | 22 | |
| HSPF | Heating | | 10.55 | | 10.55 | |
| Capacity Control | Variable Compressor Speed (VCSi) | | | | | |
| Refrigerant | R-410A | | | | | |
| Power Supply | V, Phase, Hz | | | | | |
| | 208/230, 1, 60 | | | | | |
| Moisture Removal | Pints/h | | 2.1 | | 2.9 | |
| Airflow (Low/Med/Hi) | CFM Dry | | 166 / 240 / 381 | | 166 / 240 / 420 | |
| Sound Indoor (Low/Med/Hi) | Heating | dB(A) | 22 / 31 / 40 | | 22 / 33 / 43 | |
| Sound Outdoor | Heating | dB(A) | 49 | | 49 | |
| Max. Fuse Size (Time Delay) | Indoor | A | 15 | | 15 | |
| | Outdoor | A | 15 | | 15 | |
| Min. Ampacity | Indoor | A | 1.0 | | 1.0 | |
| | Outdoor | A | 12 | | 12 | |
| Fan Speed Control | 5 (Auto, Powerful, Hi, Med, Low) | | | | | |
| Horizontal Airflow Direction | Manual, Swing | | | | | |
| Vertical Airflow Direction | Auto, Manual, Swing | | | | | |
| Air Filters (Washable) | 3 (Air Filter, Platinum, Blue Enzyme) | | | | | |
| Dimension (H x W x D) | Indoor | in. | 11-5/8 x 31-7/16 x 10-1/8 | | | |
| | Outdoor | in. | 21-5/8 x 31-1/2 x 11-1/4 | | | |
| Weight | Indoor | lbs. | 27 | | | |
| | Outdoor | lbs. | 80 | | | |
| Pipe Size | Liq. X Gas | in. | 1/4 x 3/8 | | | |
| Max. Height Difference | | Ft. | 40 | | | |
| Max. Pipe Length | | Ft. | 65 | | | |



All test conditions are based on ARI 210/240.
Rating conditions: Cooling — Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency
Heating — Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency



| Model | | | MS-A09WA | MS-A12WA | MSY-A15NA |
|--------------------------------|--------------|-------|--|----------------------------------|----------------------------------|
| Capacity (Rated) | Cooling | Btu/h | 9,500 | 12,000 | 15,000 |
| Capacity (Min ~ Max) | Cooling | Btu/h | — | — | 3,100 ~ 15,000 |
| Power Consumption (Min ~ Max) | Cooling | W | 870 | 1,070 | 1,690 (210 ~ 1,690) |
| SEER | Cooling | | 13.0 | 13.0 | 16.0 |
| Capacity Control | | | Fixed Compressor | Fixed Compressor | Variable Speed Compressor (VCS) |
| Refrigerant | | | R-410A | R-410A | R-410A |
| Power Supply | V, Phase, Hz | | 115, 1, 60 | 115, 1, 60 | 208/230, 1, 60 |
| Moisture Removal | Pints/h | | 2.7 | 3.2 | 4.7 |
| Airflow (Low/Med/Hi) | CFM Dry | | 183 / 261 / 335 | 222 / 286 / 406 | 268 / 328 / 381 |
| Sound Indoor (Low/Med/Hi) | Cooling | dB(A) | 26 / 32 / 40 | 33 / 38 / 45 | 34 / 40 / 45 |
| Sound Outdoor | Cooling | dB(A) | 47 | 52 | 50 |
| Max. Fuse Size (Time Delay) | Indoor | A | 15 | 15 | 15 |
| | Outdoor | A | 15 | 20 | 15 |
| Min. Ampacity | Indoor | A | 1.2 | 1.2 | 1.0 |
| | Outdoor | A | 14 | 16 | 14 |
| Fan Speed Control | | | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) |
| Horizontal Airflow Direction | | | Manual | Manual | Manual |
| Vertical Airflow Direction | | | Auto, Manual, Swing | Auto, Manual, Swing | Auto, Manual, Swing |
| Air Filters (Washable) | | | Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter) | | |
| Dimension (H x W x D) | Indoor | in. | 11-3/4 x 30-11/16 x 8-1/4 | 11-3/4 x 30-11/16 x 8-1/4 | 11-3/4 x 30-11/16 x 8-1/4 |
| | Outdoor | in. | 21-5/8 x 31-1/2 x 11-1/4 | 23-13/16 x 33-7/16 x 11-7/16 | 21-5/8 x 31-1/2 x 11-1/4 |
| Weight | Indoor | lbs. | 23 | 23 | 23 |
| | Outdoor | lbs. | 78 | 96 | 88 |
| Pipe Size | Liq. X Gas | in. | 1/4 x 3/8 | 1/4 x 1/2 | 1/4 x 1/2 |
| Max. Height Difference | | Ft. | 35 | 35 | 40 |
| Max. Pipe Length | | Ft. | 65 | 65 | 65 |



All features may not apply to all models. Ask your Dealer for details.

SINGLE DUCTLESS SPLIT SYSTEMS

COOLING ONLY

- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Fuzzy Logic "I Feel" Mode for Comfort Cooling
- Super-Quiet Technology
- Wide & Long Airflow – Up to 100°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 2-Year Parts Warranty
- 6-Year Compressor Warranty



Optional accessories available. Visit www.mrslim.ca for more information.

| MSY-A17NA | MSY-A24NA | MSY-D30NA NEW | MSY-D36NA NEW |
|--|----------------------------------|----------------------------------|----------------------------------|
| 16,200 | 22,000 | 30,700 | 34,600 |
| 3,100 ~ 16,200 | 4,400 ~ 22,000 | 9,800 ~ 30,700 | 9,800 ~ 34,600 |
| 2,070 (210 ~ 2,070) | 2,880 (290 ~ 2,880) | 3,380 (620 ~ 3,380) | 4,240 (620 ~ 4,240) |
| 16.0 | 16.0 | 16.0 | 15.1 |
| Variable Speed Compressor (VCSi) | Variable Speed Compressor (VCSi) | Variable Speed Compressor (VCSi) | Variable Speed Compressor (VCSi) |
| R-410A | R-410A | R-410A | R-410A |
| 208/230, 1, 60 | 208/230, 1, 60 | 208/230, 1, 60 | 208/230, 1, 60 |
| 5.1 | 7.3 | 9.9 | 11.9 |
| 268 / 328 / 381 | 296 / 431 / 568 | 389 / 639 / 848 | 389 / 639 / 848 |
| 34 / 40 / 46 | 34 / 40 / 49 | 32 / 42 / 49 | 32 / 42 / 49 |
| 52 | 55 | 55 | 56 |
| 15 | 15 | 15 | 15 |
| 15 | 20 | 25 | 25 |
| 1.0 | 1.0 | 1.0 | 1.0 |
| 14 | 17 | 21 | 21 |
| 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) |
| Manual | Manual, Swing | Manual, Swing | Manual, Swing |
| Auto, Manual, Swing | Auto, Manual, Swing | Auto, Manual, Swing | Auto, Manual, Swing |
| Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter) | | | |
| 11-3/4 x 30-11/16 x 8-1/4 | 12-13/16 x 43-5/16 x 10-1/4 | 14-3/8 x 46-1/16 x 11-5/8 | 14-3/8 x 46-1/16 x 11-5/8 |
| 21-5/8 x 31-1/2 x 11-1/4 | 33-7/16 x 33-1/16 x 13 | 33-7/16 x 33-1/16 x 13 | 33-7/16 x 33-1/16 x 13 |
| 23 | 37 | 40 | 40 |
| 88 | 128 | 126 | 126 |
| 1/4 x 1/2 | 1/4 x 5/8 | 3/8 x 5/8 | 3/8 x 5/8 |
| 40 | 50 | 50 | 50 |
| 65 | 100 | 100 | 100 |





| Model | | | MSZ-A09NA | MSZ-A12NA | MSZ-A15NA |
|-------------------------------|--|-------|----------------------------------|----------------------------------|----------------------------------|
| Capacity (Rated) | Cooling | Btu/h | 9,000 | 12,000 | 15,000 |
| Capacity (Min ~ Max) | Cooling | Btu/h | 5,500 ~ 9,000 | 5,700 ~ 12,000 | 3,100 ~ 15,000 |
| Capacity (Rated) | Heating | Btu/h | 10,900 | 13,600 | 18,000 |
| Capacity (Min ~ Max) | Heating | Btu/h | 5,200 ~ 12,600 | 5,200 ~ 13,600 | 3,400 ~ 20,900 |
| Power Consumption (Min ~ Max) | Cooling | W | 690 (390 ~ 690) | 1,170 (395 ~ 1,170) | 1,690 (210 ~ 1,690) |
| | Heating | W | 860 (350 ~ 1,100) | 1,160 (350 ~ 1,160) | 1,790 (250 ~ 2,330) |
| SEER | Cooling | | 17.0 | 17.0 | 16.0 |
| HSPF | Heating | | 8.2 | 8.2 | 8.2 |
| Capacity Control | | | Variable Compressor Speed (VCSi) | Variable Compressor Speed (VCSi) | Variable Compressor Speed (VCSi) |
| Refrigerant | | | R-410A | R-410A | R-410A |
| Power Supply | V, Phase, Hz | | 208/230, 1, 60 | 208/230, 1, 60 | 208/230, 1, 60 |
| Moisture Removal | Pints/h | | 2.3 | 3.2 | 4.7 |
| Airflow (Low/Med/Hi) | CFM Dry | | 159 / 222 / 307 | 159 / 240 / 353 | 254 / 314 / 381 |
| Sound Indoor (Low/Med/Hi) | Heating | dB(A) | 22 / 33 / 38 | 22 / 34 / 42 | 34 / 38 / 44 |
| Sound Outdoor | Heating | dB(A) | 48 | 48 | 51 |
| Max. Fuse Size (Time Delay) | Indoor | A | 15 | 15 | 15 |
| | Outdoor | A | 15 | 15 | 15 |
| Min. Ampacity | Indoor | A | 1.0 | 1.0 | 1.0 |
| | Outdoor | A | 12 | 12 | 14 |
| Fan Speed Control | | | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) |
| Horizontal Airflow Direction | | | Manual | Manual | Manual |
| Vertical Airflow Direction | | | Auto, Manual, Swing | Auto, Manual, Swing | Auto, Manual, Swing |
| Air Filters (Washable) | Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter) | | | | |
| Dimension (H x W x D) | Indoor | in. | 11-3/4 x 30-11/16 x 8-1/4 | 11-3/4 x 30-11/16 x 8-1/4 | 11-3/4 x 30-11/16 x 8-1/4 |
| | Outdoor | in. | 21-5/8 x 31-1/2 x 11-1/4 | 21-5/8 x 31-1/2 x 11-1/4 | 21-5/8 x 31-1/2 x 11-1/4 |
| Weight | Indoor | lbs. | 23 | 23 | 23 |
| | Outdoor | lbs. | 82 | 82 | 88 |
| Pipe Size | Liq. X Gas | in. | 1/4 x 3/8 | 1/4 x 3/8 | 1/4 x 1/2 |
| Max. Height Difference | | | 40 | 40 | 40 |
| Max. Pipe Length | | | 65 | 65 | 65 |



All features may not apply to all models. Ask your Dealer for details.

SINGLE DUCTLESS SPLIT SYSTEMS

HEAT PUMP

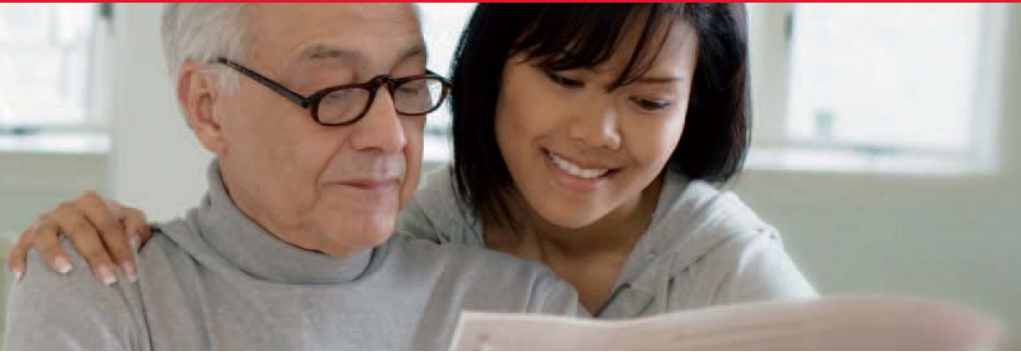
- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Auto Change Over between Cooling & Heating
- Super-Quiet Technology – Only 22dB(A)
- High-Speed Cooling and Heating
- Wide & Long Airflow – Up to 150°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 2-Year Parts Warranty
- 6-Year Compressor Warranty



Optional accessories available. Visit www.mrslim.ca for more information.

| MSZ-A17NA | MSZ-A24NA | MSZ-D30NA NEW | MSZ-D36NA NEW |
|--|----------------------------------|----------------------------------|----------------------------------|
| 16,200 | 22,000 | 30,700 | 33,200 |
| 3,100 ~ 16,200 | 4,400 ~ 22,000 | 9800 ~ 30,700 | 9,800 ~ 33,200 |
| 20,100 | 23,200 | 32,600 | 35,200 |
| 3,400 ~ 20,900 | 3,600 ~ 24,400 | 8,700 ~ 34,000 | 8,700 ~ 36,000 |
| 2,070 (210 ~ 2,070) | 2,880 (290 ~ 2,880) | 3,850 (620 ~ 3,850) | 4,360 (620 ~ 4,360) |
| 2,150 (250 ~ 2,330) | 2,350 (260 ~ 2,570) | 3,360 (520 ~ 3,600) | 3,840 (520 ~ 4,100) |
| 16.0 | 16.0 | 14.5 | 14.5 |
| 8.2 | 8.2 | 8.2 | 8.2 |
| Variable Compressor Speed (VCSi) | Variable Compressor Speed (VCSi) | Variable Compressor Speed (VCSi) | Variable Compressor Speed (VCSi) |
| R-410A | R-410A | R-410A | R-410A |
| 208/230, 1, 60 | 208/230, 1, 60 | 208/230, 1, 60 | 208/230, 1, 60 |
| 5.1 | 7.3 | 9.9 | 11.3 |
| 254 / 314 / 381 | 296 / 486 / 568 | 445 / 639 / 848 | 445 / 639 / 848 |
| 34 / 38 / 44 | 34 / 40 / 48 | 34 / 42 / 49 | 34 / 42 / 49 |
| 53 | 55 | 57 | 57 |
| 15 | 15 | 15 | 15 |
| 15 | 20 | 25 | 25 |
| 1.0 | 1.0 | 1.0 | 1.0 |
| 14 | 17 | 21 | 21 |
| 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) | 5 (Auto, Powerful, Hi, Med, Low) |
| Manual | Manual, Swing | Manual, Swing | Manual, Swing |
| Auto, Manual, Swing | Auto, Manual, Swing | Auto, Manual, Swing | Auto, Manual, Swing |
| Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter) | | | |
| 11-3/4 x 30-11/16 x 8-1/4 | 12-13/16 x 43-5/16 x 10-1/4 | 14-3/8 x 46-1/16 x 11-5/8 | 14-3/8 x 46-1/16 x 11-5/8 |
| 21-5/8 x 31-1/2 x 11-1/4 | 33-7/16 x 33-1/16 x 13 | 33-7/16 x 33-1/16 x 13 | 33-7/16 x 33-1/16 x 13 |
| 23 | 37 | 40 | 40 |
| 88 | 128 | 141 | 141 |
| 1/4 x 1/2 | 1/4 x 5/8 | 3/8 x 5/8 | 3/8 x 5/8 |
| 40 | 50 | 50 | 50 |
| 65 | 100 | 100 | 100 |





MULTI-DUCTLESS SPLIT SYSTEMS

HEAT PUMP

- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Up to 30 combinations of 2:1, 3:1 or 4:1 systems
- Auto Change Over Between Cooling & Heating
- Super-Quiet Technology – Only 22dB(A)
- High-Speed Cooling and Heating
- Long Pipe Runs – Up to 230 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 2-Year Parts Warranty
- 6-Year Compressor Warranty



NEW

Optional accessories available. Visit www.mrslim.ca for more information.

| Model | | | MXZ-2A20NA | MXZ-3A30NA | MXZ-4A36NA NEW |
|-------------------------------|---------------------------------|-------|-------------------------|----------------------------|----------------------------|
| Capacity (Rated) | Cooling | Btu/h | 20,000 | 28,400 | 36,000 |
| Capacity (Min ~ Max) | Cooling | Btu/h | 7,800 ~ 20,000 | 12,600 ~ 28,400 | 12,600 ~ 36,400 |
| Capacity (Rated) | Heating | Btu/h | 22,000 | 28,600 | 36,000 |
| Capacity (Min ~ Max) | Heating | Btu/h | 8,500 ~ 22,000 | 11,400 ~ 36,000 | 11,400 ~ 43,000 |
| Power Consumption (Min ~ Max) | Cooling | W | 2,150 (630 ~ 2,150) | 3,250 (1,000 ~ 3,250) | 3,820 (1,000 ~ 3,900) |
| | Heating | W | 1,780 (520 ~ 1,780) | 2,180 (740 ~ 2,880) | 3,100 (740 ~ 4,350) |
| SEER | Cooling | | 15.0 | 16.0 | 16.0 |
| HSPF | Heating | | 9.0 | 10.0 | 9.5 |
| Capacity Control | Variable Compressor Speed (VCS) | | | | |
| Refrigerant | R-410A | | | | |
| Power Supply | V, Phase, Hz | | | | |
| | 208/230, 1, 60 | | | | |
| Connectable Indoor Units | | | | | |
| | 2 ~ 3 ~ 4 | | | | |
| Sound Outdoor | dB(A) | | 51 | 49 | 57 |
| Max. Fuse Size (Time Delay) | A | | 20 | 20 | 20 |
| Min. Ampacity | A | | 15 | 15 | 19 |
| Dimension (H x W x D) | in. | | 27-15/16 x 33-1/16 x 13 | 35-7/16 x 35-7/16 x 12-5/8 | 35-7/16 x 35-7/16 x 12-5/8 |
| Weight | lbs. | | 130 | 148 | 150 |
| Pipe Size | Liq. X Gas | in. | 1/4 x 3/8 | 1/4 x 1/2 | 1/4 x 1/2 |
| Max. Height Difference | Ft. | | 49 | 49 | 49 |
| Max. Pipe Length | Ft. | | 164 | 230 | 230 |

Indoor Unit Combinations

| Indoor Units | MXZ-2A20NA | | | MXZ-3A30NA | | | MXZ-4A36NA NEW | | |
|----------------|------------|---------|--------|--------------|-------|----------|-----------------------|----------|-------------|
| MSZ-A09NA (09) | 09 + 09 | 09 + 09 | 12 +12 | 09 + 09 + 09 | 09+09 | 12+15 | 09+09+12 | 09+12+17 | 12+12+17 |
| MSZ-A12NA (12) | 09 + 12 | 09 + 12 | 12 +15 | 09 + 09 + 12 | 09+12 | 12+17 | 09+09+15 | 09+15+15 | 12+15+15 |
| MSZ-A15NA (15) | 09 + 15 | 09 + 15 | 12 +17 | 09 + 09 + 15 | 09+15 | 15+15 | 09+09+17 | 09+15+17 | 09+09+09+09 |
| MSZ-A17NA (17) | 12 + 12 | 09 + 17 | 15 +15 | 09 + 09 + 17 | 09+17 | 15+19 | 09+09+24 | 09+17+17 | 09+09+09+12 |
| MSZ-A24NA (24) | | 09 + 24 | 15 +17 | 09 + 12 + 12 | 09+24 | 17+17 | 09+12+12 | 12+12+12 | 09+09+09+15 |
| | | | 17 +17 | 12 + 12 + 12 | 12+12 | 09+09+09 | 09+12+15 | 12+12+15 | 09+09+12+12 |

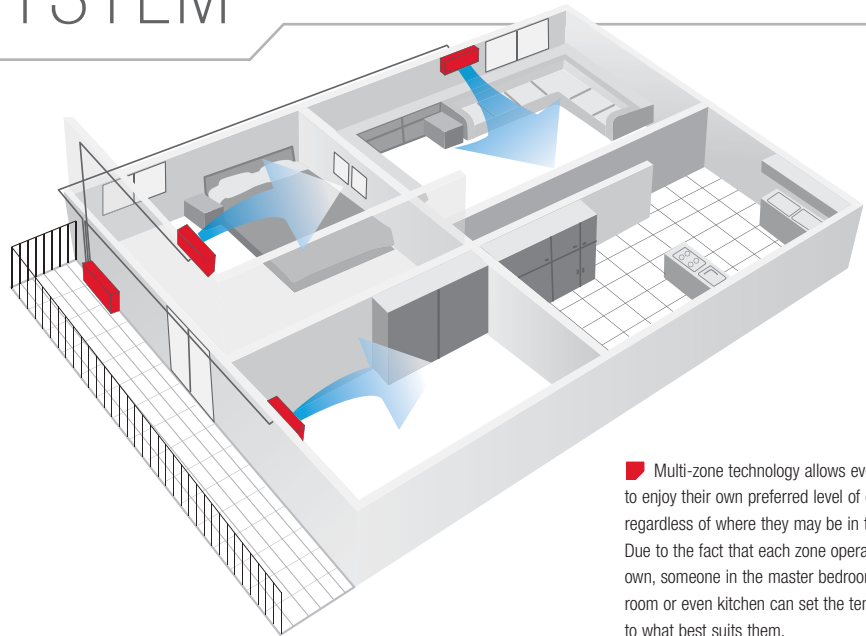


All features may not apply to all models. Ask your Dealer for details.

MULTI-SPLIT SYSTEM

The Convenient Way to Enhance any Interior

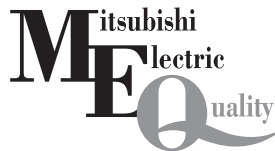
■ Your Mitsubishi Electric multi-split system could be the best solution for balancing the use of available space with available money. The innovative design of the system lets you mix and match several indoor units to fit the layout of the home. Plus, if you ever need to add additional units, they're easy to install and add to your existing system.



■ Multi-zone technology allows everyone to enjoy their own preferred level of comfort regardless of where they may be in the home. Due to the fact that each zone operates on its own, someone in the master bedroom, living room or even kitchen can set the temperature to what best suits them.

Mitsubishi Electric Quality

■ Mitsubishi Electric Quality marks over 70 years of excellence in technology, design and manufacturing, representing the highest standards of comfort, durability and efficiency.



Our quality assurance program is guided by our stringent Quality Policy, which ensures that all phases of the development process – from design and manufacture to the finished product – must meet our standards.

What it means to you is that Mitsubishi Electric simply makes the best air conditioners that you can buy today.

The Mitsubishi Electric Difference

■ Our commitment to innovation and technology is exceeded only by our commitment to service – we stand behind every product that bears the Mitsubishi name. And we demonstrate this by offering you our 2-year parts and 6-year compressor warranty that's among the best in the industry.

Through our competent distributor network, strong service support and unmatched parts availability, it is our assurance to you that you will enjoy the comfort and true quality that only Mitsubishi Electric can offer.

Because of our high quality standards, Mitsubishi Electric will upgrade your standard (2-year parts and 6-year compressor) warranty to an extended 6-year parts and 6-year compressor warranty when your Mr. Slim M-Series system is installed by an Authorized HVAC Installer. An additional limited labour warranty may be available in some provinces from the Authorized Dealer. For more information, please contact your local Distributor or MEQ Dealer.

| COMFORT | DURABILITY | EFFICIENCY |
|----------------------------------|-----------------------------|---------------|
| Quiet operation | Strict performance tests | Energy saving |
| Optimal temperature distribution | Easy-to-clean design | Money saving |
| Clean, filtered air | Replacement parts available | Space saving |



Line test



Sound test



Performance test



Endurance test



Heat stress test



Saltwater spray test

