

# EXPECT AMAZING



**Mr. SLIM®** **m-series**  
HEAT PUMPS & AIR CONDITIONERS

 **MITSUBISHI  
ELECTRIC**  
Heating and Cooling



[MSeries.MrSlim.ca](http://MSeries.MrSlim.ca)

\*When installed 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.



Mr.SLIM

# The innovation behind true performance

## Innovative comfort

M-Series systems by Mitsubishi Electric have the features, functions and innovative engineering to meet and exceed the needs of Canadian families. Our products are engineered to deliver excellent heating performance even when the outdoor temperature plummets to -25°C and beyond. With the widest Energy Star qualified lineup, including some of the highest SEER ratings in the industry, M-Series systems are also highly energy efficient. All of this is achieved with indoor units operating at sound levels quieter than a whisper, delivering heating and cooling in a peaceful and elegant manner. Available in ducted or ductless models, you can trust Mr. Slim M-Series systems to deliver years of reliable comfort and satisfaction.

## Quality

Mitsubishi Electric is consistently recognized by HVAC contractors as the #1 preferred brand with the highest quality rating among manufacturers. Our products provide extraordinary service life backed by Mitsubishi Electric's 10 year parts and compressor warranty.\*

## Performance

We deliver a complete range of compact and powerful heating and cooling products that are also energy efficient, flexible and quiet.

## A proud Canadian heritage

Mitsubishi Electric Canada was established in 1979 as a subsidiary of the Mitsubishi Electric Corporation of Japan. Since then, we have been at the forefront of providing Canadians with unparalleled quality of heating and air conditioning technology, sales, installation and support. Our high standard of quality and efficiency saves you from rising energy costs and helps build a sustainable tomorrow.



\*When installed by an MEQ authorized contractor.

# The technology behind the industry leader



## What is a heat pump?

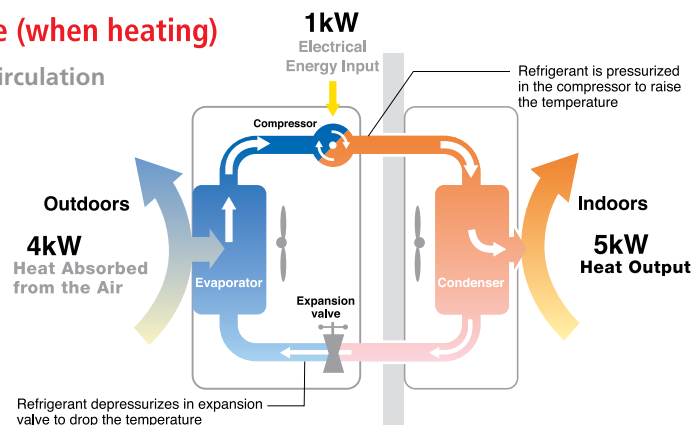
A heat pump is capable of both heating and cooling. It accomplishes this by transferring heat from one place to another. The big question is: where does the heat come from?

A heat pump works by using a refrigerant to transfer heat energy between indoors and outdoors. On warm days, heat is extracted from indoors and transferred outside. On cold days, the opposite happens and your home is warmed with the heat energy from outside. Even on the coldest Canadian days there is still some amount of heat present. With Mitsubishi Electric's advanced technology, your Mr. Slim system can extract heat, even when temperatures fall **below -25°C (-13°F)\***

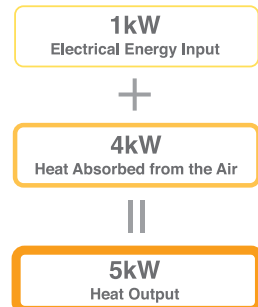
That's why only a Mr. Slim heat pump is the true evolution in year-round comfort, even in some of Canada's toughest climates.

## Heat pump principle (when heating)

Refrigerant and Heat Circulation



Output energy is a quintuple of input energy\*\*



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. Based on outdoor conditions.



# Lower Your Heating + Cooling Bills

## ENERGY EFFICIENCY

### A compressor designed to last



At the heart of Mr. Slim heat pumps and air conditioners 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 heating or cooling as needed. This means the space maintains a consistent, accurate temperature for ultimate comfort, all while using only the minimum amount of power. By adjusting air conditioning capacity to run more efficiently, energy costs are reduced.

VCSi systems	Conventional systems
VCSi compressor speeds up and slows down to maintain the conditioned space temperature.	Conventional compressors turn on and off to maintain the temperature. A conventional 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 heating or cooling. (Capacity changes as needed)	Conventional compressor consumes maximum amount of energy to produce maximum amount of heating or cooling 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 compressors run at the same RPM for longer periods of time, then switch on and off to maintain the temperature.
Indoor temperature swings are minimized with the VCSi system because the indoor coil activates longer. As temperature changes slightly, compressor speed also adjusts slightly to compensate.	Conventional systems kick back on at full speed to compensate for small changes in temperature.

### Understanding a system's performance

The guide below will help you to use and understand the specifications on the following pages.

HEATING	<b>HSPF: Heating Seasonal Performance Factor</b> A measurement of how efficiently a system will operate across the entire heating season. The higher the HSPF, the more efficient the system.
	<b>COP: Coefficient of Performance</b> A measurement of how efficiently a heat pump will operate at specified outdoor temperatures during the heating season.
	A higher COP and HSPF rating will result in more energy and operating cost savings for the consumer.
COOLING	<b>SEER: Seasonal Energy Efficiency Ratio</b> A measurement of how efficiently an air conditioning system will operate over an entire cooling season.
	<b>EER: Energy Efficiency Ratio</b> A measurement of how efficiently a cooling system will operate at a specified outdoor temperature (35°C) during the cooling season.
	In Canada, the number of days that require heating exceeds those that need cooling. Therefore, the energy and cost savings is marginal between systems with a higher SEER rating.



### Mr. Slim – a real Energy Star

With a roster of 30+ Energy Star-certified units, Mitsubishi Electric Canada remains an industry leader in highly efficient, eco-friendly heating and air conditioning technology.

Enjoy year-round comfort and energy savings, all while leaving behind a smaller carbon footprint. It's just another way we're making changes for the better.

# Customized comfort: Individual Room Temperature control



In conventional heating and cooling systems, it's one thermostat and one temperature for everyone. But in real life, one size does not fit all. With a Mr. Slim Multi-Split system, each room of your home can have its own comfort control – up to 8 indoor units in total, and they can all be connected to a single outdoor condenser unit. That means everyone can enjoy optimum comfort, no matter what room they're in.

One does not have to commit to installing a full system. As your needs change, additional indoor units are easy to add on to your existing Multi-Split Mr. Slim system. A minimum of two indoor units must be installed for a Multi-Split system.

If you're looking to heat or cool a single space like a room over a garage or a home extension, your best choice is a Mr. Slim Single-Split system. A Single-Split system connects a single dedicated outdoor unit to a single indoor unit.

**No matter what your needs are, there's a Mr. Slim solution that's right for you.**

Whether a Multi-Split or a Single-Zone system, these systems give you more control over the temperature in your home, and do it better than central air.

- Save up to 50%<sup>†</sup> on utility bills
- Up to 8 individual zones (per system)
- Improves air quality, reducing dust, mold and allergens
- Quieter than a human whisper

<sup>†</sup>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.



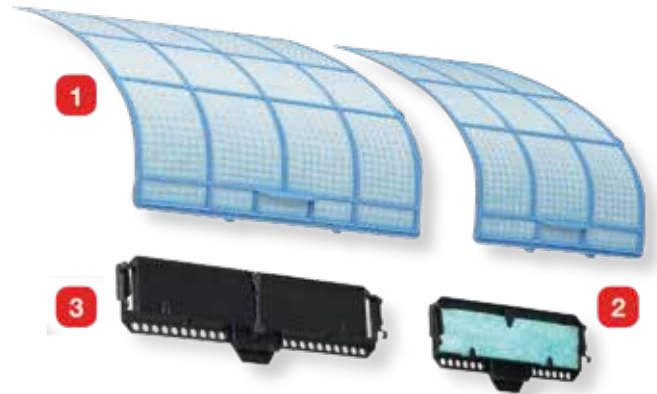
## Ducted or ductless, it's a new choice

Mr. Slim is best known as the perfect solution for dwellings with or without ductwork. The powerful simplicity of an indoor and outdoor unit connected by two refrigerant lines that run through a small 10-cm opening in the wall or ceiling is both effective and cost efficient. Mitsubishi Electric also introduced the convenient option of using a ducted indoor unit as well. By using ductwork connected to a ceiling-concealed indoor unit, Mr. Slim can deliver its efficient temperature control in a truly discreet manner. For homes with standard ductwork, the multi-position indoor unit can be used to replace aging furnaces and forced air systems, ensuring comfort and efficiency all year long.

Features	Benefits
Inverter-driven compressors	Maximizes savings by using only the energy needed to perfectly heat or cool an area
Features that allow for easy installations	Installs quickly and easily, without the need for major construction and remodeling
Individual room comfort	Realizes maximum control and energy efficiency by heating and cooling only those spaces in use. Complete comfort control of temperature, fan speed, and air direction in each room or zone.
Washable anti-allergen filters	Improves air quality by removing dust, allergens and pollen
Hyper-Heating inverter (H <sup>2</sup> i™) technology	Provides instant and continuous warmth even in extreme climates (down to -25°C) *Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. Based on outdoor conditions.
Higher SEER, EER and HSPF rating	Achieve optimum energy efficiency and save on utility bills

# Breathe<sub>easy</sub>

Mr. Slim units use a sophisticated multi-part filtration system to reduce contaminants such as allergens, viruses, odours and bacteria from the air inside your home. This combination of filters provides a healthier breathing environment for the home.



## 1. Nano-Platinum filter

Ceramic and platinum nanoparticles are incorporated into the filter material removing the four major air pollutants that are leading causes of illness – bacteria, viruses, allergens and dust and deodorizes the air to improve air quality. The filter should be cleaned regularly to maintain effectiveness.

## 2. Electrostatic anti-allergen blue enzyme filter

This filter reduces the germs, bacteria and viruses in the air and helps trap dust, pollens, mites and other particles. It utilizes an enzyme catalyst to break down the sulfur atom bonds in allergen proteins, transforming them into non-allergen proteins, which cleans the air. The filter should be cleaned regularly to maintain effectiveness.

## 3. Deodorizing filter

Platinum Deodorizing filters use nanotechnology to absorb odors and neutralize the worst smells. Periodic cleaning, following the recommended procedures will maintain filter effectiveness.





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# Features at a glance Single Zone Applications

Mr. Slim M-Series is available in a wide variety of combinations and features to meet the demands of any room size. Constantly innovating, Mitsubishi Electric heat pumps utilize some of the most advanced features and technology available on the market today.

► Units below combined with appropriate 1:1 outdoor unit



Hyper Heat Models

MSZ-FH06NA*	MSZ-FH09NA*	MSZ-FH12NA*	MSZ-FH15NA*	MSZ-FH18NA*	MFZ-KJ09NA*	MFZ-KJ12NA*	MFZ-KJ15NA*	MFZ-KJ18NA*	MSZ-GL09NA	MSZ-GL12NA	MSZ-GL15NA	MSZ-GL18NA	MSZ-GL24NA	MSZ-D30NA	MSZ-D36NA
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Heating  
Cooling

Energy Star® Qualified	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		
Hyper Heat at -25°C/-13°F	•	•	•	•	•	•	•	•	•							
3D i-see Sensor	•	•	•	•	•											
Natural Flow	•	•	•	•	•											
i-see Sensor & Area Mode																
Catechin Plus Pre-Filter						•	•	•	•						•	•
Nano Platinum Filter	•	•	•	•	•					•	•	•	•	•		
Deodorizing Filter	•	•	•	•	•											
Anti-allergy Blue Enzyme Filter	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cooling at -10°C/14°F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Auto Change Over	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Auto Restart	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Built-in Drain Pump																
Base Pan Heater (outdoor unit)	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Multi-Function Wireless Control	•	•	•	•	•	•	•	•	•							
Standard Wireless Remote Control										•	•	•	•	•	•	•
Econo Cool	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
"I Feel" Fuzzy Logic															•	•
Powerful Mode	•	•	•	•	•	•	•	•	•					•	•	•
Quiet Mode	•	•	•	•	•					•	•	•	•			
Smart Set Function	•	•	•	•	•	•	•	•	•	•	•	•	•			
Wide Airflow	•	•	•	•	•								•	•	•	•
Auto Fan Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
5-Step Vane Control & Swing Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Double Horizontal Vanes (L & R)	•	•	•	•	•											
Horizontal & Vertical Vane Control	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
24-Hour ON/OFF Timer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Weekly Timer	•	•	•	•	•	•	•	•	•							
Wired Remote Control**	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Auto Off Timer	•	•	•	•	•	•	•	•	•							

\* Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions.

\*\*With optional adapter sold separately

# MLZ SERIES

## ONE-WAY CEILING CASSETTE



	MSY-GL09NA	MSY-GL12NA	MSY-GL15NA	MSY-GL18NA	MSY-GL24NA	MSY-D30NA	MSY-D36NA	MSZ-HM09NA	MSZ-HM12NA	MSZ-HM15NA	MSZ-HM18NA	MSZ-HM24NA	MS-A09WA	MS-A12WA	MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA	SLZ-KF09NA†	SLZ-KF12NA†	SLZ-KF15NA†	SLZ-KF18NA†
Heating																					
Cooling																					
Energy Star® Qualified	☆	☆	☆	☆	☆								☆	☆	☆	☆	☆		☆	☆	☆
Hyper Heat at -25°C/-13°F																					
3D i-see Sensor																•	•	•	•		
Natural Flow																					
i-see Sensor & Area Mode																					
Catechin Plus Pre-Filter						•	•														
Nano Platinum Filter	•	•	•	•	•											•	•	•	•	•	•
Deodorizing Filter																					
Anti-allergy Blue Enzyme Filter	•	•	•	•	•	•	•						•	•	•						
Cooling at -10°C/14°F	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•
Auto Change Over													•	•	•	•	•	•	•		
Auto Restart						•	•						•	•	•	•	•	•	•	•	•
Built-in Drain Pump													•	•	•	•	•	•	•		
Base Pan Heater (outdoor unit)													•	•	•	•	•	•	•	•	•
Multi-Function Wireless Control*													•	•	•	•*	•*	•*	•*	•*	•*
Standard Wireless Remote Control	•	•	•	•	•	•	•														
Econo Cool	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•
"I Feel" Fuzzy Logic	•	•	•	•	•	•	•														
Powerful Mode					•	•	•														
Quiet Mode	•	•	•	•																	
Smart Set Function	•	•	•	•									•	•	•	•	•	•	•	•	•
Wide Airflow				•	•	•	•						•	•	•						
Auto Fan Mode	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•
5-Step Vane Control & Swing Mode	•	•	•	•	•	•	•						•	•	•	•	•	•			
Double Horizontal Vanes (L & R)																					
Horizontal & Vertical Vane Control	•	•	•	•	•	•	•														
24-Hour ON/OFF Timer	•	•	•	•	•	•	•						•	•	•						
Weekly Timer													•	•	•	•	•	•	•	•	•
Wired Remote Control*	•	•	•	•	•	•	•						•	•	•	•*	•*	•*	•*	•*	•*
Auto Off Timer	•	•	•	•	•											•	•	•	•	•	•

\*With optional adapter sold separately

†Features may vary based on controller

# SEZ SERIES CEILING CONCEALED DUCTED SERIES



SVZ-KP12NA†

SVZ-KP18NA†

SVZ-KP24NA†

SVZ-KP30NA†

SVZ-KP36NA†

SEZ-KD09NA†

SEZ-KD12NA†

SEZ-KD15NA†

SEZ-KD18NA†

PEAD-A09AA†

PEAD-A12AA†

PEAD-A15AA†

PEAD-A18AA†

PEAD-A24AA†

PEAD-A30AA†

PEAD-A36AA†

Heating  
Cooling

Energy Star® Qualified						☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
Hyper Heat at -25°C/-13°F																
3D i-see Sensor																
Natural Flow																
i-see Sensor & Area Mode																
Catechin Plus Pre-Filter																
Nano Platinum Filter						•	•	•	•	•	•	•	•	•	•	•
Deodorizing Filter																
Anti-allergy Blue Enzyme Filter																
Cooling at -10°C/14°F						•	•	•	•	•	•	•	•	•	•	•
Auto Change Over						•	•	•	•	•	•	•	•	•	•	•
Auto Restart						•	•	•	•	•	•	•	•	•	•	•
Built-in Drain Pump						•	•	•	•	•	•	•	•	•	•	•
Base Pan Heater (outdoor unit)						•	•	•	•	•	•	•	•	•	•	•
Multi-Function Wireless Control						•*	•*	•*	•*	•*	•*	•*	•*	•*	•*	•*
Standard Wireless Remote Control																
Econo Cool																
"I Feel" Fuzzy Logic																
Powerful Mode																
Quiet Mode																
Smart Set Function																
Wide Airflow																
Auto Fan Mode						•	•	•	•		•	•	•			
5-Step Vane Control & Swing Mode																
Double Horizontal Vanes (L & R)																
Horizontal & Vertical Vane Control																
24-Hour ON/OFF Timer																
Weekly Timer						•	•	•	•							
Wired Remote Control*						•*	•*	•*	•*	•*	•*	•*	•*	•*	•*	•*
Auto Off Timer						•	•	•	•		•	•	•			

\*With optional adapter sold separately

†Available features may vary with choice of controller



# M-Series COP chart

SYSTEM		RATED COP 8°C	RATED COP -8°C	RATED COP -15°C
MUZ-FH06NAH	MSZ-FH06NA	4.68	3.14	2.75
MUZ-FH09NAH	MSZ-FH09NA	4.50	3.27	2.86
MUZ-FH12NAH	MSZ-FH12NA	4.19	3.40	2.83
MUZ-FH15NAH	MSZ-FH15NA	4.06	3.18	2.91
MUZ-FH18NAH2	MSZ-FH18NA2	3.46	2.77	2.57
MUZ-GL09NAH-U1	MSZ-GL09NA-U1	4.44	3.12	2.81
MUZ-GL12NAH-U1	MSZ-GL12NA-U1	3.84	2.98	2.67
MUZ-GL15NAH-U1	MSZ-GL15NA-U1	3.30	2.73	2.43
MUZ-GL18NAH-U1	MSZ-GL18NA-U1	3.87	2.71	2.78
MUZ-GL24NAH-U1	MSZ-GL24NA-U1	3.46	2.90	2.69
MUZ-D30NA-U2	MSZ-D30NA-8	2.84	2.24	-
MUZ-D36NA-U2	MSZ-D36NA-8	2.69	2.11	-
MXZ-2C20NA2-U1	Multi*	3.54	3.21	3.15
MXZ-2C20NAHZ2-U1	Multi*	3.60	2.69	1.79
MXZ-3C24NA2-U1	Multi*	4.33	3.47	1.69
MXZ-3C24NAHZ2-U1	Multi*	4.68	2.86	2.51
MXZ-3C30NA2-U1	Multi*	3.96	3.23	3.34
MXZ-3C30NAHZ2-U1	Multi*	3.43	2.13	1.85
MXZ-4C36NA2-U1	Multi*	3.58	2.90	3.00
MXZ-4C36NAHZ-U1	Multi*	4.39	2.73	2.34
MXZ-5C42NA2-U1	Multi*	3.44	2.70	3.01
MXZ-5C42NAHZ-U1	Multi*	4.56	2.83	2.34
MXZ-8C48NA-U1	Multi*	4.17	2.62	2.98
MXZ-8C48NAHZ-U1	Multi*	4.17	2.59	2.22
MUFZ-KJ09NAH-U1	MFZ-KJ09NA	4.30	2.82	3.68
MUFZ-KJ12NAH-U1	MFZ-KJ12NA	4.23	2.68	3.23
MUFZ-KJ15NAH-U1	MFZ-KJ15NA	3.74	3.34	3.12
MUFZ-KJ18NAH-U1	MFZ-KJ18NA	3.56	3.50	2.97

\*Condition: Indoor Temperature 20°C, Outdoor Humidity 60%

All test conditions are based on AHRI 210/240.

Rating Conditions:

Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency

Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency

Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



Experience a new level of year-round home comfort no matter where you live with the stylish MFZ-KJ and MSZ-FH ductless heating and cooling units. Designed to complement your décor, these units are the most advanced and efficient models we've ever created. Plus, they're highly reliable, extremely quiet and remarkably energy efficient (Up to 13 HSPF - One of the highest HSPF ratings in the industry).

**HYPER  
HEAT AT  
-25°C\***

### MFZ-KJ - FLOOR-MOUNTED STYLE

MODEL	MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA	MFZ-KJ18NA
HEATING CAPACITY @ -15°C / 5°F	11,000 BTU/H <b>(100%)</b>	13,000 BTU/H <b>(100%)</b>	18,000 BTU/H <b>(100%)</b>	21,600 BTU/H <b>(100%)</b>



Two uniquely shaped vanes optimize airflow releasing your selected temperature upward and downward simultaneously. When heating your room, RapidHeat™ reaches temperature faster by recirculated warm air through the unit heating it a second time before release.

Exclusive features:

- Sleek & Compact design, depth of 145mm (recessed)
- RapidHeat™ with 2-vanes
- Up to 28.2 SEER
- Up to 13 HSPF

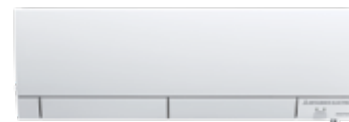
### MSZ-FH - WALL-MOUNTED STYLE

MODEL	MSZ-FH06NA	MSZ-FH09NA	MSZ-FH12NA	MSZ-FH15NA	MSZ-FH18NA
HEATING CAPACITY @ -15°C / 5°F	8,700 BTU/H <b>(100%)</b>	10,900 BTU/H <b>(100%)</b>	13,600 BTU/H <b>(100%)</b>	18,000 BTU/H <b>(100%)</b>	20,300 BTU/H <b>(100%)</b>

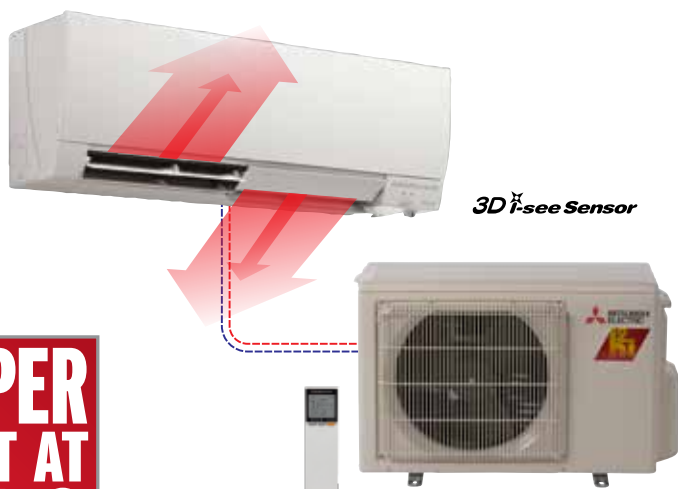
The 3D i-see Sensor scans the room and divides it into 752 zones to direct the perfect amount of heating and cooling towards areas that need it most. The technology is so precise it locates you based on your unique body temperature and can differentiate between people and pets.

Exclusive features:

- 3D i-see Sensor
- Natural Flow & Double Vane
- Up to 33.1 SEER
- Up to 12.5 HSPF



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions.

VCSi  
TECHNOLOGY

## Heat pump

- 3D i-see Sensor
- Built-in Auxiliary Heater Control
- Variable Compressor Speed Inverter Technology
- 3 levels of air filtration
- Ozone-Friendly R-410A Refrigerant
- Energy Efficient – Up to 33.1 SEER + 12.5 HSPF
- Auto Change Over between heating & cooling
- Super Quiet Technology – as low as 20 dB(A)
- High-Speed Heating and Cooling
- Natural Airflow
- Hyper Heating Down to -25°C/-13°F
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller
- Includes independent vane operation feature
- Built-in basepan heater in outdoor unit

HYPER  
HEAT AT  
-25°C\*UP  
TO 12.5 HSPFOptional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

Model	Indoor Unit		MSZ-FH06NA ★		MSZ-FH09NA ★	
	Outdoor Unit		MUZ-FH06NAH		MUZ-FH09NAH	
Capacity (Rated)	Cooling	Btu/h	6,000		9,000	
Capacity (Min. ~ Max.)		Btu/h	1,700 ~ 9,000		1,700 ~ 12,000	
Capacity (Rated)	Heating @ 8°C	Btu/h	8,700		10,900	
Capacity (Min. ~ Max.)		Btu/h	1,600 ~ 14,000		1,600 ~ 18,000	
Capacity (Rated)	Heating @ -8°C	Btu/h	5,350		6,700	
Capacity (Max.)		Btu/h	10,200		12,900	
Capacity (Max.)	Heating @ -15°C	Btu/h	8,900		11,000	
Power Consumption		W	315 (100 ~ 560)		560 (100 ~ 1,000)	
Rated (Min. ~ Max.)	Cooling	W	545 (110 ~ 1,270)		710 (110 ~ 1,470)	
Rated (Max.)		W	500 (1,000)		600 (1,440)	
EER	Cooling		19.1		16.1	
SEER	Cooling		33.1		30.5	
HSPF (IV)	Heating		12.5		12.5	
Capacity Control			Variable Speed Compressor (VCSi)			
Refrigerant			R-410A			
Power Supply	V, Phase, Hz		208/230, 1, 60			
Moisture Removal	Pints/h		0.2		0.6	
Airflow (Quiet-Lo-Med-Hi-SuperHi)	Cooling	CFM Dry	137-167-221-304-381			
Sound Indoor (Quiet-Lo-Med-Hi-SuperHi)	Cooling	dB(A)	20-23-29-36-40			
Sound Outdoor	Cooling	dB(A)	47		48	
Max. Fuse Size	Indoor	A	15			
(Time Delay)	Outdoor	A	15			
Min. Ampacity	Indoor	A	1.0			
	Outdoor	A	11			
Fan Speed Control			7 (Auto, Powerful, SuperHi, Hi, Med, Low, Quiet)			
Horizontal Airflow Direction			Manual, Swing			
Vertical Airflow Direction			Left Vane & Right Vane (Auto, Manual, Swing)			
Air Filters (Washable)			3 (Nano Platinum air filter, Anti-allergy enzyme filter, Deodorizing filter)			
Dimension	Indoor	in.	12-11/16 x 36-7/16 x 9-3/16			
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4			
Weight	Indoor	lbs.	29			
	Outdoor	lbs.	81			
Pipe Size	Liq. X Gas	in.	1/4 x 3/8			
Max. Height Difference			40			
Max. Pipe Length			65			
Outdoor Operating Range	Cooling		-10°C ~ 46°C DB			
	Heating		-25°C ~ 24°C DB (-25.5°C ~ 18°C WB)			
Control Features			3D i-see Sensor • Econo Cool • Powerful Mode • Smart Set • Natural Flow • Direct/Indirect Airflow		Absence Detection • Wide Airflow	

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions.

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency

# Single-zone ductless split systems FH-Series

MSZ-FH12NA ★	MSZ-FH15NA ★	MSZ-FH18NA ★
MUZ-FH12NAH	MUZ-FH15NAH	MUZ-FH18NAH2
12,000	15,000	17,200
2,500 ~ 13,600	6,450 ~ 19,000	6,450 ~ 21,000
13,600	18,000	20,300
3,700 ~ 21,000	5,150 ~ 24,000	5,150 ~ 30,000
8,360	11,070	12,480
16,000	20,200	24,300
14,000	18,300	20,900
870 (170 ~ 1,150)	1,200 (410 ~ 2,200)	1,375 (410 ~ 2,200)
950 (280 ~ 2,300)	1,300 (430 ~ 3,360)	1,720 (430 ~ 3,390)
720 (1,900)	1,020 (2,040)	1,320 (2,800)
13.8	12.5	
26.1	22.0	21.0
11.5	11.0	
Variable Speed Compressor (VCSi)		
R-410A		
208/230 , 1 , 60		
1.9	4.0	4.8
137-167-221-304-398	225-262-304-355-411	225-262-304-355-459
21-24-29-36-41	27-31-35-39-44	27-31-35-39-47
49	51	52
15	15	20
11	1.0	16
7 (Auto, Powerful, SuperHi, Hi, Med, Low, Quiet)		
Manual, Swing		
Left Vane & Right Vane (Auto, Manual, Swing)		
3 (Nano Platinum air filter, Anti-allergy enzyme filter, Deodorizing filter)		
12-11/16 x 36-7/16 x 9-3/16		
21-5/8 x 31-1/2 x 11-1/4	34-5/8 x 33-1/16 x 13	
83	29	124
1/4 x 3/8		1/4 x 1/2
40		50
65		100
-10°C – 46°C DB		
-25°C – 24°C DB (-25.5°C – 18°C WB)		
3D i-see Sensor • Econo Cool • Powerful Mode • Smart Set • Natural Flow • Direct/Indirect Airflow Absence Detection • Wide Airflow		



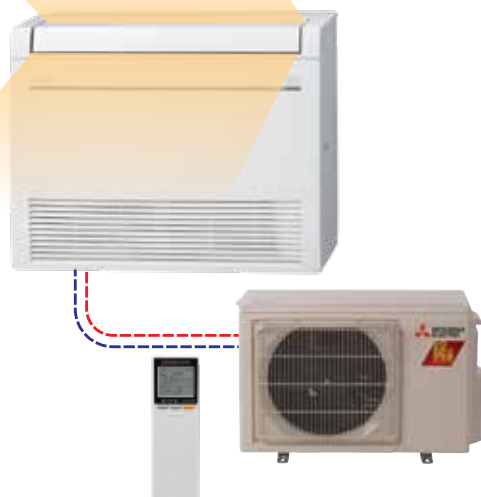
# COLD CLIMATE MODELS

## M-Series | H<sup>2</sup>i™ HEAT PUMPS



# Single-zone ductless split systems KJ-Series

**HYPER  
HEAT AT  
-25°C\***



VCSi  
TECHNOLOGY



**UP TO 13 HSPF**

Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

### Heat pump

- RapidHeat mode
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Energy Efficient – Up to 28.2 SEER + 13 HSPF
- Auto Change Over between heating & cooling
- Super-Quiet Technology – as low as 21 dB(A)
- High-Speed Heating & Cooling
- Hyper Heating Down to -25°C/-13°F
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller
- Built in Auxiliary Heater Control
- Built-in basepan heater in outdoor unit

Model	Indoor Unit		MFZ-KJ09NA ★	MFZ-KJ12NA ★	MFZ-KJ15NA ★	MFZ-KJ18NA ★	
	Outdoor Unit		MUFZ-KJ09NAHZ	MUFZ-KJ12NAHZ	MUFZ-KJ15NAHZ	MUFZ-KJ18NAHZ	
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000	17,000	
Capacity (Min. ~ Max.)		Btu/h	2,300 ~ 14,000	2,300 ~ 15,000	5,300 ~ 19,000	5,300 ~ 22,500	
Capacity (Rated)	Heating@ 8°C	Btu/h	11,000	13,000	18,000	21,000	
Capacity (Min. ~ Max.)		Btu/h	2,900 ~ 19,000	2,900 ~ 22,800	5,700 ~ 25,000	5,700 ~ 29,000	
Capacity (Rated)	Heating@ -8°C	Btu/h	7,800	8,500	14,800	17,100	
Capacity (Max.)		Btu/h	13,400	14,800	20,500	23,500	
Capacity (Max.)	Heating@ -15°C	Btu/h	11,000	13,000	18,000	21,000	
Power Consumption		Cooling	W	570 (180 ~ 1,250)	890 (180 ~ 1,380)	1,120 (420 ~ 1,850)	1,350 (420 ~ 2,320)
Rated (Min. ~ Max.)	Heating@ 8°C	W	750 (270 ~ 2,370)	900 (270 ~ 2,390)	1,410 (480 ~ 3,410)	1,730 (480 ~ 3,430)	
Rated (Max.)	Heating@ -8°C	W	810 (1,860)	930 (1,890)	1,300 (3,190)	1,430 (3,210)	
EER	Cooling		15.8	13.6	13.5	12.6	
SEER	Cooling		28.2	25.5	21.8	21.0	
HSPF (IV)	Heating		13.0	12.0	11.6	11.3	
Capacity Control	Variable Speed Compressor (VCSi)						
Refrigerant	R-410A						
Power Supply	V, Phase, Hz		208/230, 1, 60				
Airflow (Low-Med-Hi-Powerful)	Cooling	CFM Dry	138-198-272-360-417			198-254-311-392-431	198-254-328-420-491
Sound Indoor (Low-Med-Hi-Powerful)	Cooling	dB(A)	21-27-34-41-46			28-33-38-43-47	28-33-39-45-50
Sound Outdoor	Cooling	dB(A)	48			51	
Max. Fuse Size	Indoor	A	15			20	
(Time Delay)	Outdoor	A	15			20	
Min. Ampacity	Indoor	A	1.0			1.0	
	Outdoor	A	11			16	
Fan Speed Control			7 (Auto, Powerful, SuperHi, Hi, Med, Low, Quiet)				
Horizontal Airflow Direction			Manual				
Vertical Airflow Direction			Auto, Manual, Swing, 1-Flow, 2-Flows				
Air Filters (Washable)			Nano Platinum Air Filter				
Dimension	Indoor	in.	23-5/8 x 29-17/32 x 8-15/32				
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		34-5/8 x 33-1/16 x 13		
Weight	Indoor	lbs.	33				
	Outdoor	lbs.	83			124	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8			1/4 x 1/2	
Max. Height Difference		ft.	40			50	
Max. Pipe Length		ft.	65			100	
Outdoor Operating Range	Cooling		-10°C – 46°C DB				
	Heating		-25°C - 24°C DB (-25.5°C – 18°C WB)				
Control Features	Econo Cool • Powerful Mode • Smart Set • Sleep Mode • 1 or 2 Airflows						

\*Includes tolerance. Typical units can operate down to -27°C depending on conditions.

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency

Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency

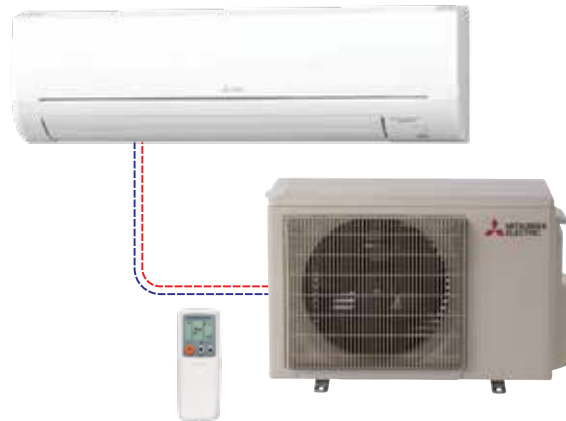
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# Single-zone ductless split systems GL-Series

## Heat pump

- Nano Platinum & Blue Enzyme Filter
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Energy Efficient - Up to 24.6 SEER + Up To 11.8 HSPF
- Auto Change Over between Cooling & Heating
- **Super Quiet Technology** - as low as 19 dB(A)
- High-Speed Heating and Cooling
- Wide Airflow - Up to 150°
- Long Pipe Runs - Up to 100 ft.
- **Low-Ambient Heating** -20°C/-4°F
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller
- Optional Auxiliary Heater Control
- Built-in basepan heater in outdoor unit





VCSi  
TECHNOLOGY



**UP TO 11.8 HSPF**

Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

Model	Indoor Unit		MSZ-GL09NA 	MSZ-GL12NA 
	Outdoor Unit		MUZ-GL09NAH-U1	MUZ-GL12NAH-U1
Capacity (Rated)	Cooling	Btu/h	9,000	12,000
Capacity (Min ~ Max)		Btu/h	3,600 ~ 12,200	1,500 ~ 13,600
Capacity (Rated)	Heating @ 8°C	Btu/h	10,900	14,400
Capacity (Min ~ Max)		Btu/h	4,500 ~ 15,900	2,000 ~ 18,100
Capacity (Rated)	Heating @ -8°C	Btu/h	6,700	8,860
Capacity (Max)		Btu/h	9,900	12,300
Capacity (Max)	Heating @ -15°C	Btu/h	8,000	10,200
Power Consumption	Cooling	W	585 (240 ~ 1,050)	920 (100 ~ 1,300)
Rated (Min ~ Max)	Heating @8°C	W	720 (230 ~ 1,250)	1,100 (110 ~ 1,620)
Rated (Max)	Heating @-8°C	W	630 (1,060)	870 (1,240)
EER	Cooling		15.4	13.0
SEER	Cooling		24.6	23.1
HSPF (IV)	Heating		11.8	11.5
Capacity Control			Variable Speed Compressor (VCSi)	
Refrigerant			R-410A	
Power Supply	V, Phase, Hz		208/230, 1, 60	
Moisture Removal	Pints/h		1.5	2.5
Airflow (Quiet-Low-Med-Hi-SuperHi)	Cooling	CFM Dry	145-170-237-321-399	
Sound Indoor (Quiet-Low-Med-Hi-SuperHi)	Cooling	dB(A)	19-22-30-37-43	19-22-30-37-45
Sound Outdoor	Cooling	dB(A)	48	49
Max. Fuse Size	Indoor	A	15	
(Time Delay)	Outdoor	A	15	
Min. Ampacity	Indoor	A	1.0	
	Outdoor	A	9	
Fan Speed Control			6 (Auto, SuperHi, Hi, Med, Low, Quiet)	
Horizontal Airflow Direction			Manual	
Vertical Airflow Direction			Auto, Manual, Swing	Auto, Manual, Swing
Air Filters (Washable)			Nano Platinum Filter, Anti-allergy Blue Enzyme Filter	
Dimension	Indoor	in.	11-5/8 x 31-7/16 x 9-1/8	
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4	
Weight	Indoor	lbs.	22	
	Outdoor	lbs.	81	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	
Max. Height Difference		Ft.	40	
Max. Pipe Length		Ft.	65	
Outdoor Operating Range	Cooling		-10°C – 46°C DB	
	Heating		-20°C – 24°C DB (-20.5°C – 18°C WB)	
Control Features			Econo Cool • Quiet Mode • Smart Set • Super Hi Fan Speed	

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

\*Includes tolerance. Typical units can operate down to -22°C depending on conditions.  
All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency

# Single-zone

## ductless split systems GL-Series

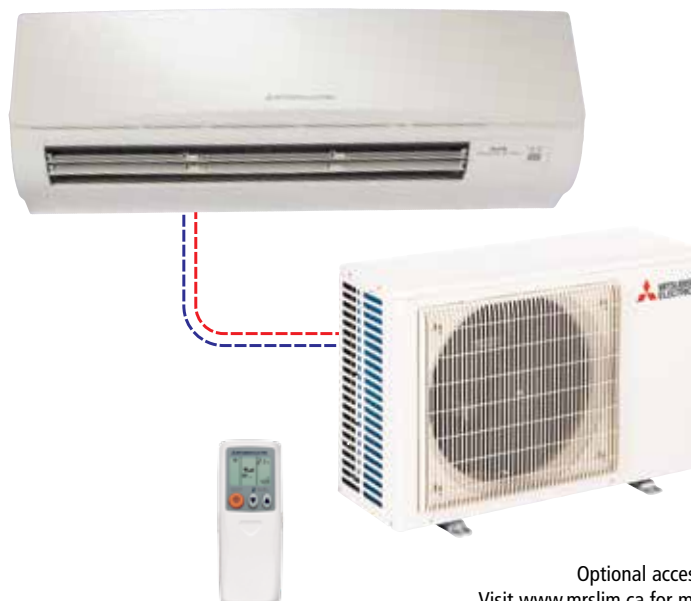
MSZ-GL15NA ★	MSZ-GL18NA ★	MSZ-GL24NA ★
MUZ-GL15NAH-U1	MUZ-GL18NAH-U1	MUZ-GL24NAH-U1
14,000	18,000	22,400
3,100 ~ 18,200	5,800 ~ 22,000	8,200 ~ 31,400
18,000	21,600	27,600
4,800 ~ 20,900	5,400 ~ 25,000	7,500 ~ 36,900
11,070	13,280	16,970
15,900	17,700	24,600
14,100	15,100	20,200
1,080 (210 ~ 2,000)	1,340 (330 ~ 2,150)	1,800 (570 ~ 3,580)
1,600 (200 ~ 2,010)	1,635 (320 ~ 2,455)	2,340 (520 ~ 3,592)
1,190 (1,850)	1,435 (2,105)	1,712 (3,232)
13.0	13.4	12.5
21.6	20.5	
10.8	10.2	10.0
Variable Speed Compressor (VCSi)		
R-410A		
208/230, 1, 60		
2.7	2.1	5.1
205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
49	54	55
15		20
15		20
10	1.0	17.1
	14	
6 (Auto, SuperHi, Hi, Med, Low, Quiet)		5 (Auto, SuperHi, Hi, Med, Low)
Manual		Manual, Swing
Auto, Manual, Swing	Manual, Swing	Auto, Manual, Swing
Nano Platinum Filter, Anti-allergy Blue Enzyme Filter		
12 x 36-5/16 x 9-13/16		12-13/16 x 43-5/16 x 9-3/8
34-5/8 x 33-1/16 x 13		
22	28	37
	121	119
1/4 x 1/2		3/8 x 5/8
40		50
65		100
-10°C – 46°C DB		
-20°C – 24°C DB (-20.5 – 18°C WB)		
Econo Cool • Quiet Mode • Smart Set • Super Hi Fan Speed		Econo Cool • Powerful Mode • Wide Airflow



# Single-zone ductless split systems D-Series

## Heat pump

- Catechin Plus Air Purifying System & Blue Enzyme Filter
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between heating and cooling
- High-Speed Heating and Cooling
- Wide Airflow – Up to 150°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller
- Optional Auxiliary Heater Control
- Heating down to -10°C



**VCSi**  
TECHNOLOGY

Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

Model	Indoor Unit		MSZ-D30NA	MSZ-D36NA
	Outdoor Unit		MUZ-D30NA	MUZ-D36NA
Capacity (Rated)	Cooling	Btu/h	30,700	33,200
Capacity (Min. ~ Max.)		Btu/h	9800 ~ 30,700	9,800 ~ 33,200
Capacity (Rated)	Heating @ 8°C	Btu/h	32,600	35,200
Capacity (Min. ~ Max.)		Btu/h	8,700 ~ 34,000	8,700 ~ 36,000
Capacity (Rated)	Heating @ -8°C	Btu/h	20,050	21,650
Capacity (Max.)		Btu/h	21,600	24,100
Power Consumption	Cooling	W	3,850 (620 ~ 3,850)	4,360 (620 ~ 4,360)
Rated (Min. ~ Max.)	Heating @ 8°C	W	3,360 (520 ~ 3,600)	3,840 (520 ~ 4,100)
Rated (Max.)	Heating @ -8°C	W	2,620	3,000
EER	Cooling		8	7.7
SEER	Cooling		14.5	
HSPF (IV)	Heating		8.2	
Capacity Control			Variable Speed Compressor (VCSi)	
Refrigerant			R-410A	
Power Supply	V, Phase, Hz		208/230, 1, 60	
Moisture Removal	Pints/h		9.9	11.3
Airflow (L,M,H,SH)	Cooling	CFM Dry	445-639-848-887	
Sound Indoor (L,M,H,SH)	Cooling	dB(A)	32-42-49-51	
Sound Outdoor	Cooling	dB(A)	55	56
Max. Fuse Size	Indoor	A	15	
(Time Delay)	Outdoor	A	25	
Min. Ampacity	Indoor	A	1.0	
	Outdoor	A	21	
Fan Speed Control			5 (Auto, Powerful, Hi, Med, Low)	
Horizontal Airflow Direction			Manual, Swing	
Vertical Airflow Direction			Auto, Manual, Swing	
Air Filters (Washable)			Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-allergy Blue Enzyme Filter)	
Dimension	Indoor	in.	14-3/8 x 46-1/16 x 11-5/8	
(H x W x D)	Outdoor	in.	33-7/16 x 33-1/16 x 13	
Weight	Indoor	lbs.	40	
	Outdoor	lbs.	141	
Pipe Size	Liq. X Gas	in.	3/8 x 5/8	
Max. Height Difference		ft.	50	
Max. Pipe Length		ft.	100	
Outdoor Operating Range	Cooling		-10°C – 46°C DB	
	Heating		-10°C – 24°C DB (-10.5 – 18°C DB)	
Control Features			Econo Cool • Powerful Mode • Wide Airflow	

★ ★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Q=Quiet, L=Low, M=Med, H=Hi, SH=SuperHi

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

All test conditions are based on AHRI 210/240.

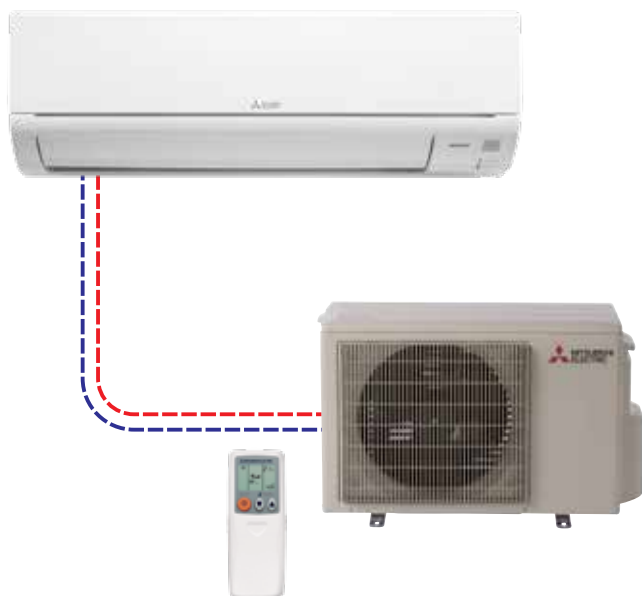
Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# M-Series AIR CONDITIONERS






# Single-zone ductless split systems GL-Series



## Cooling only

- Nano Platinum & Blue Enzyme Filter
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- "I Feel" Fuzzy Logic Mode for Comfort Cooling
- Super-Quiet Technology – As low as 19dB(A)
- Wide Airflow – Up to 150°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller

Model	Indoor Unit		MSY-GL09NA 	MSY-GL12NA 	MSY-GL15NA 
	Outdoor Unit		MUY-GL09NA	MUY-GL12NA	MUY-GL15NA
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	14,000
Capacity (Min. ~ Max.)		Btu/h	3,600 ~ 12,200	1,500 ~ 13,600	3,100 ~ 18,200
Power Consumption (Min. ~ Max.)	Cooling	W	585 (240 ~ 1,050)	920 (100 ~ 1,300)	1,080 (210 ~ 2,000)
EER	Cooling		15.4	13	13
SEER	Cooling		24.6	23.1	21.6
Capacity Control			Variable Speed Compressor (VCSi)		
Refrigerant			R-410A		
Power Supply	V, Phase, Hz		1 Phase, 60Hz, 208/230V		
Moisture Removal	Pints/h		1.5	2.5	2.7
Airflow (Q,L,M,H,SH)	Cooling	CFM Dry	145-170-237-321-399		205-272-335-420-533
Sound Indoor (Q,L,M,H,SH)	Cooling	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49
Sound Outdoor	Cooling	dB(A)	48		49
Max. Fuse Size	Indoor	A	15		
(Time Delay)	Outdoor	A	15		
Min. Ampacity	Indoor	A	1.0		9
	Outdoor	A	7		
Fan Speed Control			6 (Auto, SuperHi, Hi, Med, Low, Quiet)		
Horizontal Airflow Direction			Manual	Manual	Manual
Vertical Airflow Direction			Auto, Manual, Swing		
Air Filters (Washable)			Nano Platinum Filter, Anti-allergy Blue Enzyme Filter		
Dimension	Indoor	in.	11-5/8 x 31-7/16 x 9-1/8		
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		
Weight	Indoor	lbs.	22		
	Outdoor	lbs.	81		
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2
Max. Height Difference		ft.	40		
Max. Pipe Length		ft.	65		
Outdoor Operating Range	Cooling		-10°C – 46°C DB		
Control Features			Econo Cool • Quiet Mode • Smart Set • SuperHi Fan Speed		

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Q=Quiet, L=Low, M=Med, H=Hi, SH=SuperHi

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

\*Includes tolerance. Typical units can operate down to -10°C depending on conditions

All test conditions are based on AHRI 210/240.

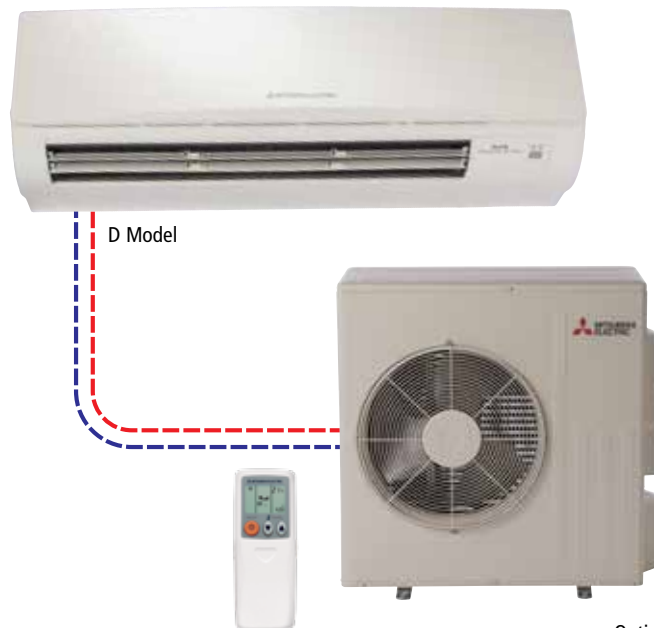
Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency





# Single-zone ductless split systems GL-Series

## Cooling only

- Nano Platinum & Blue Enzyme Filter (GL)
- Catechin Plus Air Purifying System & Blue Enzyme Filter (D)
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- "I Feel" Fuzzy Logic Mode for Comfort Cooling
- Super-Quiet Technology – As low as 19dB(A)
- Wide Airflow – Up to 150°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

Model	Indoor Unit		MSY-GL18NA 		MSY-GL24NA 	
	Outdoor Unit		MUY-GL18NA		MUY-GL24NA	
Capacity (Rated)	Cooling	Btu/h	18,000		22,500	
Capacity (Min. ~ Max.)		Btu/h	5,800 ~ 22,000		8,200 ~ 31,400	
Power Consumption (Min. ~ Max.)	Cooling	W	1,340 (330 ~ 2,150)		1,800 (570 ~ 3,580)	
EER	Cooling		13.4		12.5	
SEER	Cooling		20.5		20.5	
Capacity Control			Variable Speed Compressor (VCSi) R-410A 208/230, 1, 60Hz			
Refrigerant						
Power Supply	V, Phase, Hz					
Moisture Removal	Pints/h		2.1		5.1	
Airflow (Q,L,M,H,SH)	Cooling	CFM Dry	258-332-417-522-646		388-469-544-628-738	
Sound Indoor (Q,L,M,H,SH)	Cooling	dB(A)	28-33-38-44-49		34-41-45-49-53	
Sound Outdoor	Cooling	dB(A)	54		55	
Max. Fuse Size	Indoor	A			15	
(Time Delay)	Outdoor	A	15		20	
Min. Ampacity	Indoor	A			1.0	
	Outdoor	A	14		17.1	
Fan Speed Control			6 (Auto, SuperHi, Hi, Med, Low, Quiet)			
Horizontal Airflow Direction			Manual		Manual	
Vertical Airflow Direction			Auto, Manual, Swing			
Air Filters (Washable)			Nano Platinum Filter, Anti-allergy Blue Enzyme Filter			
Dimension	Indoor	in.	12 x 36-5/16 x 9-13/16		12-13/16 x 43-5/16 x 9-3/8	
(H x W x D)	Outdoor	in.	34-5/8 x 33-1/6 x 13			
Weight	Indoor	lbs.	28		37	
	Outdoor	lbs.	121		119	
Pipe Size	Liq. X Gas	in.	1/4 x 1/2		3/8 x 5/8	
Max. Height Difference		ft.	50			
Max. Pipe Length		ft.	100			
Outdoor Operating Range	Cooling		-10°C – 46°C DB			
Control Features			Econo Cool • Quiet Mode • Smart Set • SuperHi Fan Speed			

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Q=Quiet, L=Low, M=Med, H=Hi, SH=SuperHi  
All features may not apply to all models. Ask your dealer for details.  
\*Includes tolerance. Typical units can operate down to -10°C depending on conditions.  
All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency

# Single-zone ductless split systems D-Series



D Model

Model	Indoor Unit		MSY-D30NA	MSY-D36NA
	Outdoor Unit		MUY-D30NA	MUY-D36NA
Capacity (Rated)	Cooling	Btu/h	30,700	34,600
Capacity (Min. ~ Max.)		Btu/h	9,800 ~ 30,700	9,800 ~ 34,600
Power Consumption (Min. ~ Max.)	Cooling	W	3,380 (620~3,380)	4,240 (620~4,240)
EER	Cooling		9.1	7.9
SEER	Cooling		16.0	15.1
Capacity Control			Variable Speed Compressor (VCSi)	
Refrigerant			R-410A	
Power Supply	V, Phase, Hz		208/230, 1, 60	
Moisture Removal	Pints/h		9.9	11.9
Airflow (L,M,H,SH)	Cooling	CFM Dry	389-639-848-887	
Sound Indoor (L,M,H,SH)	Cooling	dB(A)	32-42-49-51	
Sound Outdoor	Cooling	dB(A)	55	56
Max. Fuse Size	Indoor	A	15	
(Time Delay)	Outdoor	A	25	
Min. Ampacity	Indoor	A	1.0	
	Outdoor	A	21	
Fan Speed Control			Variable Speed Compressor (VCSi)	
Horizontal Airflow Direction			R-410A	
Vertical Airflow Direction			Auto, Manual, Swing	
Air Filters (Washable)			Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-allergy Blue Enzyme Filter)	
Dimension	Indoor	in.	14-3/8 x 46-1/16 x 11-5/8	
(H x W x D)	Outdoor	in.	33-7/16 x 33-1/16 x 13	
Weight	Indoor	lbs.	40	
	Outdoor	lbs.	126	
Pipe Size	Liq. X Gas	in.	3/8 x 5/8	
Max. Height Difference		ft.	50	
Max. Pipe Length		ft.	100	
Outdoor Operating Range	Cooling		-10°C ~ 24°C DB	
Control Features			Econo Cool • Powerful Mode • Wide Airflow	

\*Includes tolerance. Typical units can operate down to -10°C depending on conditions.

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency



# Single-zone

ductless split systems - single speed A-Series

## Cooling only

- Catechin Plus Air Purifying System
- Conventional Single-Speed Compressor
- Ozone-Friendly R-410A Refrigerant
- "I Feel" Fuzzy Logic Mode for Comfort Cooling
- Super-Quiet Technology
- Connects to 115V Power Supply
- Refrigerant Pre-Charged



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

Model	Indoor Unit		MS-A09WA-1		MS-A12WA-1	
	Outdoor Unit		MU-A09WA		MU-A12WA-1	
Capacity (Rated)	Cooling	Btu/h	9,500		12,000	
Power Consumption (Rated)	Cooling	W	870		1,070	
EER	Cooling		10.9		11.2	
SEER	Cooling		13.0			
Capacity Control			Single Speed Compressor			
Refrigerant			R-410A			
Power Supply	V, Phase, Hz		115, 1, 60			
Moisture Removal	Pints/h		2.7		3.2	
Airflow (Low-Med-Hi-Powerful)	Cooling	CFM Dry	183-261-335-367		222-286-406-446	
Sound Indoor (Low-Med-Hi-Powerful)	Cooling	dB(A)	26-32-40-42		33-38-45-47	
Sound Outdoor	Cooling	dB(A)	47		52	
Max. Fuse Size	Indoor	A	15		20	
(Time Delay)	Outdoor	A	15		20	
Min. Ampacity	Indoor	A	1.2		16	
	Outdoor	A	14		16	
Fan Speed Control			5 (Auto, Powerful, Hi, Med, Low)			
Horizontal Airflow Direction			Manual			
Vertical Airflow Direction			Auto, Manual, Swing			
Air Filters (Washable)			Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Alergy Blue Enzyme Filter)			
Dimension	Indoor	in.	11-3/4 x 30-11/16 x 8-1/4			
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		23-13/16 x 33-7/16 x 11-7/16	
Weight	Indoor	lbs.	23		96	
	Outdoor	lbs.	78		96	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2	
Max. Height Difference		ft.	35			
Max. Pipe Length		ft.	65			
Outdoor Operating Range	Cooling		19°C – 46°C DB			
Control Features			Econo Cool • Powerful Mode			

\*Includes tolerance. Typical units can operate down to -10°C depending on conditions.  
All test conditions are based on AHRI 210/240.  
Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency

## Introducing the new SINGLE ZONE universal outdoor model.

The single zone outdoor unit is part of the M-Series product line, which includes an indoor unit, outdoor unit and control options for residential and light commercial applications. The unit is unique in its ability to match with a variety of indoor units with differing sizes and designs, introducing increased opportunities for applications.

### Compatible indoor units:

#### SLZ-KF (1:1) INDOOR UNIT

2x2 ceiling cassette with  
*3D i-see Sensor*



SLZ-KF09NA  
SLZ-KF12NA  
SLZ-KF15NA  
SLZ-KF18NA  
INDOOR UNIT



SUZ-KA09NAH2  
SUZ-KA12NAH2  
SUZ-KA15NAH2  
SUZ-KA18NAH2  
OUTDOOR UNIT

#### MLZ-KP (1:1) INDOOR UNIT

One-way ceiling cassette



MLZ-KP09NA  
MLZ-KP12NA  
MLZ-KP18NA  
INDOOR UNIT



SUZ-KA09NAH2  
SUZ-KA12NAH2  
SUZ-KA18NAH2  
OUTDOOR UNIT

#### SVZ-KP (1:1) INDOOR UNIT

Multi-position AHU  
High static .8" wc



SVZ-KP12NA  
SVZ-KP18NA  
SVZ-KP24NA  
SVZ-KP30NA  
SVZ-KP36NA  
INDOOR UNIT



SUZ-KA12NAH2  
SUZ-KA18NAH2  
SUZ-KA24NAH2  
SUZ-KA30NAH2  
SUZ-KA36NAH2  
OUTDOOR UNIT

#### SEZ-KD (1:1) INDOOR UNIT

Ceiling Concealed  
Low static .2" wc



SEZ-KD09NA  
SEZ-KD12NA  
SEZ-KD15NA  
SEZ-KD18NA  
INDOOR UNIT



SUZ-KA09NAH2  
SUZ-KA12NAH2  
SUZ-KA15NAH2  
SUZ-KA18NAH2  
OUTDOOR UNIT

#### PEAD-A (1:1) INDOOR UNIT

Ceiling Concealed  
Medium static .6" wc



PEAD-A09AA  
PEAD-A12AA  
PEAD-A15AA  
PEAD-A18AA  
PEAD-A24AA  
PEAD-A30AA  
PEAD-A36AA  
INDOOR UNIT



SUZ-KA09NAH2  
SUZ-KA12NAH2  
SUZ-KA15NAH2  
SUZ-KA18NAH2  
SUZ-KA24NAH2  
SUZ-KA30NAH2  
SUZ-KA36NAH2  
OUTDOOR UNIT





# Single-split systems heat pump MLZ-Series




## Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between Heating & Cooling
- Super Quiet Technology
- Built-in High-Performance Drain Pump
- Low Ambient Heating -20°C/-4°F\*
- Refrigerant Pre-Charged
- Built-in Auxiliary Heater Control
- Fits between 16" on centre ceiling joist
- Built-in basepan heater in outdoor unit



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 13.3 HSPF**

Model	Indoor Unit		MLZ-KP09NA 	MLZ-KP12NA 	MLZ-KP18NA 
	Outdoor Unit		SUZ-KA09NAH2	SUZ-KA12NAH2	SUZ-KA18NAH2
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	18,000
Capacity (Min. ~ Max.)		Btu/h	3,600 ~ 9,000	3,800 ~ 12,200	6,600 ~18,000
Capacity (Rated)	Heating @ 8°C	Btu/h	12,000	15,400	20,000
Capacity (Min. ~ Max.)		Btu/h	4,010 ~ 13,000	4,600 ~ 17,000	8,200 ~ 22,800
Capacity (Rated)	Heating @ -8°C	Btu/h	7,700	9,900	13,100
Capacity (Max.)		Btu/h	7,700	9,900	13,100
Power Consumption	Cooling	W	710	960	1,440
Rated (Min. ~ Max.)	Heating @ 8°C	W	860	1,300	1,770
Rated (Max.)	Heating @ -8°C	W	700(830)	1,020(1,150)	1,340(1,460)
EER	Cooling		12.6	12.5	
SEER	Cooling		19.5	19.8	22.3
HSPF (IV)	Heating		13.3	12.1	12.4
Capacity Control	Variable Speed Compressor (VCSi)				
Refrigerant	R-410A				
Power Supply	V, Phase, Hz	208/230V, 1 Phase, 60Hz			
Moisture Removal	Pints/h		1.5	2.8	5.3
Airflow (Q,L,M,H,SH)	Cooling	CFM Dry	212-254-283-311	212-258-297-332	212-293-346-403
Sound Indoor (Q,L,M,H,SH)	Cooling	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
Sound Outdoor	Cooling	dB(A)	48	49	54
Max. Fuse Size	Indoor	A		0	
(Time Delay)	Outdoor	A	15	16	24
Min. Ampacity	Indoor	A		1	
	Outdoor	A	9		14
Fan Speed Control	5 (Auto, Powerful, Hi, Med, Low)				
Horizontal Airflow	Manual, Swing				
Direction					
Vertical Airflow	Auto, Manual, Swing				
Direction					
Air Filters (Washable)	Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-allergy Blue Enzyme Filter)				
Dimension	Indoor	in.	7-5/16 x 43-3/8 x 14-3/16		
(H x W x D)	Grille	in.	1-5/6 x 47-1/4 x 16-11/16		
	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		34-5/8 x 33-1/16 x 13
Weight	Indoor	lbs.	34		
	Outdoor	lbs.	81		127
Pipe Size	Liq. X Gas	in.	3/8 x 1/4		1/4 x 1/2
Max. Height Difference		ft.	40		50
Max. Pipe Length		ft.	65		100
Outdoor Operating Range	Cooling		-10°C – 46°C DB		
	Heating		-20°C – 24°C DB (-21°C – 18°C WB)		
Control Features	Econo Cool • Powerful Mode • Wide Airflow				

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# Single-split systems heat pump SLZ-Series



**3D i-see Sensor**






Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 12.2 HSPF**

## Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between heating and cooling
- Super-Quiet Technology – as low as 19dB(A)
- High-Speed Heating and Cooling
- Wide Airflow – Up to 150°
- Long Pipe Runs – Up to 100 ft.
- Low-Ambient Heating -20°C/-4°F\*
- Refrigerant Pre-Charged
- Optional Wall-Mounted Remote Controller
- Built-in auxiliary heater control
- 3D i-see Sensor
- Built-in High-Performance Drain Pump
- Built-in basepan heater in outdoor unit

Model	Indoor Unit		SLZ-KF09NA 	SLZ-KF12NA 	SLZ-KF15NA	SLZ-KF18NA 
	Outdoor Unit		SUZ-KA09NAH2	SUZ-KA12NAH2	SUZ-KA15NAH2	SUZ-KA18NAH2
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	14,100	17,700
Capacity (Min. ~ Max.)		Btu/h	3,600 ~ 9,000	3,900 ~ 12,000	5,100 ~ 14,100	6,100 ~ 17,700
Capacity (Rated)	Heating @ 8°C	Btu/h	11,000	13,000	18,000	19,700
Capacity (Min. ~ Max.)		Btu/h	4,010 ~ 12,000	4,800 ~ 13,000	5,100 ~ 19,100	8,400 ~ 20,900
Capacity (Max.)	Heating @ -8°C	Btu/h	6,900	8,900	11,900	12,900
Power Consumption (Total Input)	Cooling	W	670	900	1,150	1,410
	Heating @ 8°C	W	810	1,310	1,730	1,850
	Heating @ -8°C	W	810(940)	1,130(1,260)	1,290(1,420)	1,410(1,530)
EER	Cooling		13.4	12.5	12.2	12.5
SEER	Cooling		22.4	22.0	19.8	20.7
HSPF (IV)	Heating		12.2	11.2		11.6
Capacity Control			Variable Speed Compressor (VCSi)			
Refrigerant			R-410A			
Power Supply	V, Phase, Hz		208/230, 1, 60			
Moisture Removal	Pints/h		1.0	2.8	3.2	4.7
Airflow (Low-Med-Hi)	Cooling	CFM Dry	230-265-300	230-280-335	245-315-405	300-420-475
Sound Indoor (Low-Med-Hi)	Cooling	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43
Sound Outdoor	Cooling	dB(A)	48	49		54
Max. Fuse Size (Time Delay)	Indoor	A	15.0			
	Outdoor	A	15	16	18	24
Min. Ampacity	Indoor	A	.25	.3	.4	.54
	Outdoor	A	9		10	14
Fan Speed Control			3 (Hi, Med, Low)			
Up/Down Airflow Directions			Auto, Manual, Swing			
Air Filter (Washable)			Long-Life Filter (up to 2,500 hours)			
Dimension (H x W x D)	Indoor	in.	8-3/16 x 22-7/16 x 22-7/16			
	Grille	in.	13/32 x 24 x 19/32 x 24 x 19/32			
	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4			34-5/8 x 33-1/16 x 13
Weight	Indoor	lbs.	30.6			
	Grille	lbs.	6.6			
	Outdoor	lbs.	81		127	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2	
Max. Height Difference		ft.	40			50
Max. Pipe Length		ft.	65			100
Outdoor Operating Range	Cooling		-10°C – 46°C DB			
	Heating		-20°C – 24°C DB (-21°C – 18°C WB)			

\*Includes tolerance. Typical units can operate down to -22°C depending on conditions.

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# Single-split systems

## Multi-Position AHU SVZ-Series

### Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between Heating & Cooling
- Super Quiet Technology
- **Low Ambient Heating -20°C/-4°F\***  
(SUZ-KP12NA, SUZ-KP18NA)
- Refrigerant Pre-Charged
- Built-in Auxiliary Heater Control
- Centrally ducted, ESP 0.8 wc
- Built-in basepan heater in outdoor unit



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 12.6 HSPF**

Model	Indoor Unit		SVZ-KP12NA ☆	SVZ-KP18NA ☆	SVZ-KP24NA ☆	SVZ-KP30NA ☆	SVZ-KP36NA
	Outdoor Unit		SUZ-KA12NAH2	SUZ-KA18NAH2	SUZ-KA24NAH2	SUZ-KA30NAH2	SUZ-KA36NAH2
Capacity (Rated)	Cooling	Btu/h	12,000	18,000	24,000	27,000	33,000
Capacity (Min. ~ Max.)		Btu/h	4,300 ~ 12,000	6,200 ~ 18,000	12,400 ~ 24,000	13,500 ~27,000	11,600 ~ 33,000
Capacity (Rated)	Heating @ 8°C	Btu/h	15,000	21,600	25,000	30,000	33,500
Capacity (Min. ~ Max.)		Btu/h	4,700 ~16,700	8,300 ~ 26,000	14,600 ~ 28,000	12,640 ~ 33,000	13,260 ~ 36,000
Capacity (Max.)	Heating @ -8°C	Btu/h	9,900	14,000	14,600	21,400	23,200
Power Consumption (Total Input)	Cooling	W	940	1,360	1,920	2,160	3,720
	Heating @ 8°C	W	1,210	1,600	1,910	2,060	3,030
	Heating @ -8°C	W	1,120(1,250)	1,460(1,580)	1,590(1,710)	1,950(2,070)	2,710(2,830)
EER	Cooling		12.7	13.2	12.5	12.5	8.8
SEER	Cooling		18.0				16.0
HSPF (IV)	Heating		12.1	12.6	10.4	13.6	11.7
Capacity Control			Variable Speed Compressor (VCSi)				
Refrigerant			R-410A				
Power Supply	V, Phase, Hz		208/230, 1, 60				
Moisture Removal	Pints/h		1.2	2.4	4.1	2.4	4.7
Airflow (Low-Med-Hi)	Cooling	CFM Dry	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910
Sound Indoor (Low-Med-Hi)	Cooling	dB(A)	29-36-39	33-36-41		32-37-41	35-40-42
Sound Outdoor	Cooling	dB(A)	49	54	55		
Max. Fuse Size	Indoor	A	1.0				
(Time Delay)	Outdoor	A	16	24	31		
Min. Ampacity	Indoor	A	3.0			4.13	
	Outdoor	A	9	14	17		
Fan Speed Control	3 (Hi, Med, Low)						
Up/Down Airflow Directions	Auto, Manual, Swing						
Air Filter (Washable)	Long-Life Filter (up to 2,500 hours)						
Dimension	Indoor	in.	39-13/16 x 17 x 21-5/8				43-3/4 x 21 x 21-5/8
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4	34-5/8 x 33-1/16 x 13			
Weight	Indoor	lbs.	93				119
	Outdoor	lbs.	81	127	129		
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 1/2	3/8 x 5/8		
Max. Height Difference		ft.	40	50	100		
Max. Pipe Length		ft.	65	100			
Outdoor Operating Range	Cooling		-10°C – 46°C DB				
	Heating		-20°C – 24°C DB (-21°C – 18°C WB)		-10°C – 24°C DB (-11°C – 18°C WB)		

☆ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency

# M-Series HEAT PUMPS



# Single-split systems ceiling concealed split system SEZ Series



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 13.1 HSPF**

## Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between Heating & Cooling
- Extreme Quiet Operation – as low as 23dB(A)
- Ultra-Thin Profile – only 7-7/8 in. high
- Short run ducted, ESP .2 wc
- Adjustable ESP to meet different layouts
- Built-in High-Performance Drain Pump
- Long Pipe Runs – Up to 100 ft.
- Low Ambient Heating -20°C/-4°F\*
- Refrigerant Pre-Charged
- Built-in Auxiliary Heater Control
- Built-in basepan heater in outdoor unit

Model	Indoor Unit		SEZ-KD09NA ★	SEZ-KD12NA ★	SEZ-KD15NA ★	SEZ-KD18NA ★
	Outdoor Unit		SUZ-KA09NAH2	SUZ-KA12NAH2	SUZ-KA15NAH2	SUZ-KA18NAH2
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,100	18,000
Capacity (Min. ~ Max.)		Btu/h	3,900 ~ 9,000	4,000 ~ 12,000	5,200 ~ 15,000	6,100 ~ 18,000
Capacity (Rated)	Heating @ 8°C	Btu/h	12,000	15,000	18,000	21,600
Capacity (Min. ~ Max.)		Btu/h	4,200 ~ 12,800	4,800 ~ 16,800	5,000 ~ 21,600	8,100 ~ 25,600
Capacity (Max.)	Heating @ -8°C	Btu/h	7,600	10,000	11,700	13,900
Power Consumption (Total Input)	Cooling	W	700	930	1,150	1,310
	Heating @ 8°C	W	1,100	1,330	1,440	1,580
	Heating @ -8°C	W	880(1,010)	1,180(1,310)	1,280(1,410)	1,420(1,540)
EER	Cooling		12.8	12.9	13.0	13.7
SEER	Cooling		18.8	20.5	19.0	22.0
HSPF (IV)	Heating		11.0	12.4	11.4	13.1
Capacity Control	Variable Speed Compressor (VCSi)					
Refrigerant	R-410A					
Power Supply	V, Phase, Hz		208/230, 1, 60			
Moisture Removal	Pints/h		1.5	1.9	1.9	2.8
External Static Pressure	in. WG (Pa)		0.02-0.06-0.14-0.20			
Airflow (Low-Med-Hi)	Cooling	CFM Dry	194-247-317	247-317-388	353-441-529	423-529-635
Sound Indoor (Low-Med-Hi)	Cooling	dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
Sound Outdoor	Cooling	dB(A)	48	49		54
Max. Fuse Size	Indoor	A		15		
(Time Delay)	Outdoor	A	15	16	18	24
Min. Ampacity	Indoor	A			1.0	
	Outdoor	A	9		10	14
Fan Speed Control	4 (Auto, Hi, Med, Low)					
Air Filters (Washable)	PP Honeycomb Fabric					
Dimensions (H x W x D)	Indoor	in.	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 39 x 27-9/16		7-7/8 x 46-7/8 x 27-9/16
	Outdoor	in.		21-5/8 x 31-1/2 x 11-1/4		34-5/8 x 33-1/16 x 13
Weight	Indoor	lbs.	42	50	54	62
	Outdoor	lbs.		81		127
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2	1/4 x 3/8
Max. Height Difference		ft.	40			50
Max. Pipe Length		ft.	65			100
Outdoor Operating Range	Cooling		-10°C – 46°C DB			
	Heating		-20°C – 24°C DB (-21°C – 18°C WB)			

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

\*Includes tolerance. Typical units can operate down to -22°C depending on conditions.

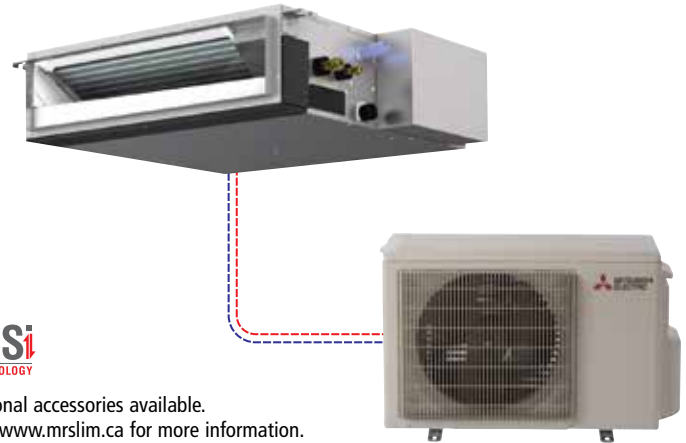
All features may not apply to all models. Ask your dealer for details.

All test conditions are based on AHRI 210/240.

Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# Single-split systems ceiling concealed split system PEAD-Series



**VCSI**  
TECHNOLOGY

Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 13 HSPF**

## Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between Heating & Cooling
- Super Quiet Technology
- Long-Life Filter – Up to 2,500 hrs
- Four-Way Directional Airflow
- Wide Outlets for Better Air Distribution
- Built-in High-Performance Drain Pump
- Connectable to Fresh Air Supply
- Low Ambient Heating -10°C\*
- Refrigerant Pre-Charged
- Built-in Auxiliary Heater Control
- Adjustable ESP to meet different layouts
- Centrally ducted, ESP .6 wc
- Built-in basepan heater in outdoor unit

Model	Indoor Unit		PEAD-A09AA7 ★	PEAD-A12AA7 ★	PEAD-A15AA7 ★	PEAD-A18AA7 ★
	Outdoor Unit		SUZ-KA09NAH2	SUZ-KA12NAH2	SUZ-KA15NAH2	SUZ-KA18NAH2
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000	18,000
Capacity (Min. ~ Max.)		Btu/h	4,300 ~ 9,000	4,400 ~ 12,000	5,500 ~ 15,000	6,200 ~ 18,000
Capacity (Rated)	Heating @ 8°C	Btu/h	12,000	15,000	18,000	21,600
Capacity (Min. ~ Max.)		Btu/h	3,960 ~ 13,000	4,800 ~ 17,000	4,900 ~ 21,500	8,120 ~ 25,600
Capacity (Max.)	Heating @ -8°C	Btu/h	7,600	9,900	11,300	14,000
Power Consumption (Total Input)	Cooling	W	720	930	1,150	1,270
	Heating @ 8°C	W	900	1,160	1,350	1,600
	Heating @ -8°C	W	880(1,010)	1,070(1,200)	1,220(1,350)	1,440(1,560)
EER	Cooling		12.5	12.9	13	14.1
SEER	Cooling		19.7	20.5	19.2	19.8
HSPF (IV)	Heating		12.6	13.0	11.6	12.9
Capacity Control	Variable Speed Compressor (VCSI)					
Refrigerant	R-410A					
Power Supply	V, Phase, Hz					
Moisture Removal	Pints/h					
Airflow (Low-Med-Hi)	Cooling	CFM Dry	282-318-353	353-424-494	424-512-600	
Sound Indoor (Low-Med-Hi)	Cooling	dB(A)	24-26-28	28-30-34	30-33-37	30-33-37
Sound Outdoor	Cooling	dB(A)	48	49		54
Max. Fuse Size	Indoor	A		15		
(Time Delay)	Outdoor	A	15	16	18	24
Min. Ampacity	Indoor	A		1.45		1.69
	Outdoor	A		9	10	14
Fan Speed Control	3 (Hi, Med, Low)					
Up/Down Airflow Directions	Auto, Manual, Swing					
Air Filter (Washable)	Long-Life Filter (up to 2,500 hours)					
Dimension (H x W x D)	Indoor	in.	9-7/8 x 35-7/16 x 28-7/8			
	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4			
Weight	Indoor	lbs.	58		62	
	Outdoor	lbs.		81		127
Pipe Size	Liq. X Gas	in.	1/4 x 3/8			
Max. Height Difference		ft.	40			
Max. Pipe Length		ft.	65			
Outdoor Operating Range	Cooling		-10°C – 46°C DB			
	Heating		-20°C – 24°C DB (-21°C – 18°C WB)			

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

\*Includes tolerance. Typical units can operate down to -22°C depending on conditions.

All test conditions are based on AHRI 210/240.

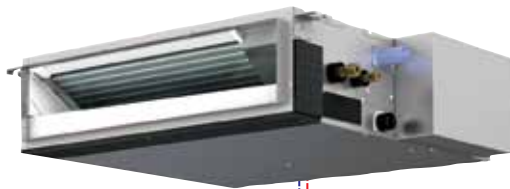
Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# M-Series HEAT PUMPS



# Single-split systems ceiling concealed split system PEAD Series



**VCSi**  
TECHNOLOGY

Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 13 HSPF**

## Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between Cooling & Heating
- Extreme Quiet Operation – as low as 23dB(A)
- **Ultra-Thin Profile – only 9-7/8 in. high**
- Adjustable ESP to meet different layouts
- Centrally ducted, ESP .6 wc
- **Built-in High-Performance Drain Pump**
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Built-in Auxiliary Heater Control
- Built-in basepan heater in outdoor unit

Model	Indoor Unit		PEAD-A24AA7 ★	PEAD-A30AA7 ★	PEAD-A36AA7
	Outdoor Unit		SUZ-KA24NAH2	SUZ-KA30NAH2	SUZ-KA36NAH2
Capacity (Rated)	Cooling	Btu/h	24,000	27,000	33,000
Capacity (Min. ~ Max.)		Btu/h	12,000 ~ 24,000	13,200 ~ 27,000	14,000 ~ 33,000
Capacity (Rated)	Heating @ 8°C	Btu/h	25,000	30,000	33,500
Capacity (Min. ~ Max.)		Btu/h	14,400 ~ 25,000	15,860 ~ 33,000	14,750 ~ 36,000
Capacity (Max.)	Heating @ -8°C	Btu/h	15,000	22,400	23,100
Power Consumption (Total Input)	Cooling	W	1,920	2,160	3,510
	Heating @ 8°C	W	1,990	2,410	3,170
	Heating @ -8°C	W	1,650(1,770)	1,920(2,040)	2,830(2,950)
EER	Cooling			12.5	9.4
SEER	Cooling			18.0	16.0
HSPF (IV)	Heating		11.2	12.6	11.6
Capacity Control	Variable Speed Compressor (VCSi)				
Refrigerant	R-410A				
Power Supply	V, Phase, Hz				
Moisture Removal	Pints/h				
Airflow (Low-Med-Hi)	Cooling	CFM Dry	512-635-741	618-742-883	847-1024-1201
Sound Indoor (Low-Med-Hi)	Cooling	dB(A)	30-33-37	30-34-39	33-38-42
Sound Outdoor	Cooling	dB(A)		55	
Max. Fuse Size (Time Delay)	Indoor	A		15	
	Outdoor	A		31	
Min. Ampacity	Indoor	A	2.63	2.73	3.30
	Outdoor	A		17	
Fan Speed Control	3 (Hi, Med, Low)				
Up/Down Airflow Directions	Auto, Manual, Swing				
Air Filter (Washable)	Long-Life Filter (up to 2,500 hours)				
Dimension (H x W x D)	Indoor	A	9-7/8 x 43-5/16 x 28-7/8		9-7/8 x 55-1/8 x 28-7/8
	Outdoor	A	34-5/8 x 33-1/16 x 13		
Weight	Indoor	lbs.	69		86
	Outdoor	lbs.	129		
Pipe Size	Liq. X Gas	in.	3/8 x 5/8		
Max. Height Difference		ft.	100		
Max. Pipe Length		ft.	100		
Outdoor Operating Range	Cooling		-10°C – 46°C DB		
	Heating		-10°C – 24°C DB (-11°C – 18°C WB)		

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

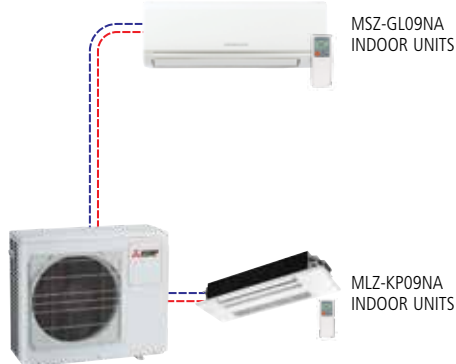
All test conditions are based on AHRI 210/240.  
Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency

# Multi-split system

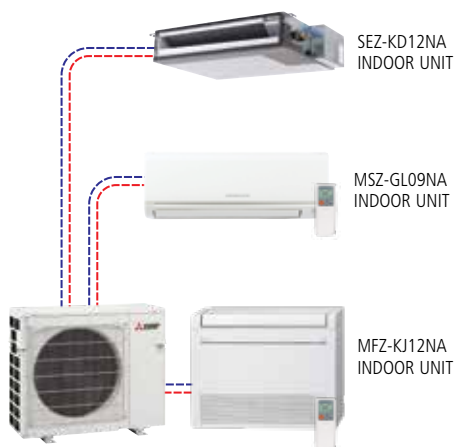
The MXZ-C Series provides you with superior control and flexibility by heating and cooling up to eight rooms with only a single outdoor unit. The MXZ-C Series can be configured to suit your style and capacity requirements while offering outstanding energy efficiency.

## Combination Examples:

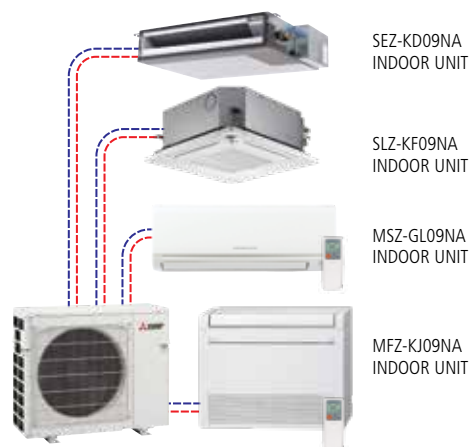
**MXZ-2C20NA (2:1)**  
OUTDOOR UNIT



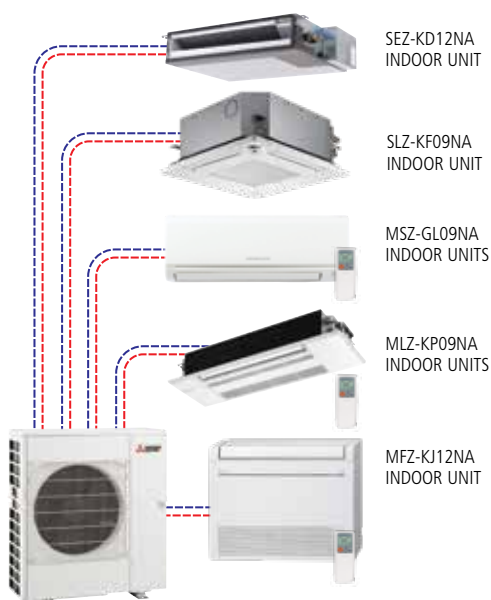
**MXZ-3C24/30NA (2:1, 3:1)**  
OUTDOOR UNIT



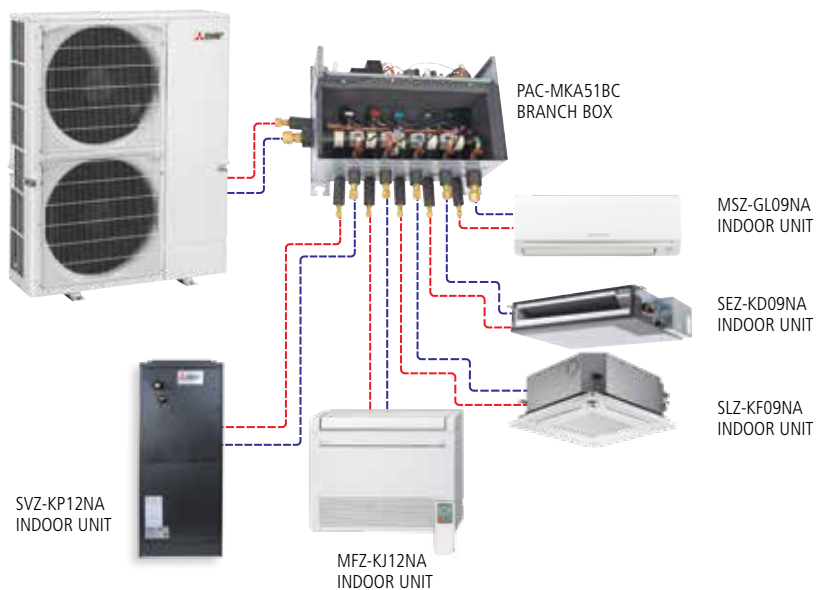
**MXZ-4C36NA (2:1, 3:1, 4:1)**  
OUTDOOR UNIT



**MXZ-5C42NA (2:1, 3:1, 4:1, 5:1)**  
OUTDOOR UNIT



**MXZ-8C48NA (2:1 – 8:1)**  
OUTDOOR UNIT



Optional accessories available for all models.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.



# Multi-split split hyper heat systems

**HYPER  
HEAT AT  
-25°C\***



Optional accessories available for all models. Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.



## Heat pump

- 100% heating capacity down to -15°C
- Hyper Heat to -25°C\*
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Wide Selection of up to 8:1 combinations
- High-Speed Cooling and Heating
- Long Pipe Runs – Up to 492 ft.
- Port Type units Refrigerant Pre-Charged
- Super Quiet Technology

Model Name		Outdoor Unit		MXZ-2C20NAHZ2 ☆	MXZ-3C24NAHZ2 ☆	MXZ-3C30NAHZ2 ☆
Indoor Units	Cooling *1 Non-ducted/ Ducted	Rated Capacity Capacity Range Rated Total Input	Btu/h Btu/h W	18,000 / 20,000 6,000 – 20,000 1,334 / 1,819	22,000 / 23,600 6,000 – 23,600 1,630 / 2,360	28,400 / 27,400 6,000 – 28,400 2,272 / 2,661
	Heating at 8°C *2 Non-ducted/Ducted	Rated Capacity Capacity Range Rated Total Input	Btu/h Btu/h W	19,800 12,300 – 23,100 1,612 / 1,748	22,500 12,600 – 25,900 1,725 / 1,871	23,100 12,600 – 30,100 2,096 / 2,187
	Heating at -8°C *3 Non-ducted/Ducted	Rated Capacity Maximum Capacity Rated Total Input	Btu/h Btu/h W	20,900 23,600 1,450 / 1,588	23,700 28,200 1,622 / 1,635	24,400 32,700 1,991 / 1,993
	Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	24,500	29,900	34,800
EER		(Non-Ducted/Ducted/Mixed)		13.5 / 11.0 / 12.25	13.5 / 10.0 / 11.75	12.5 / 10.3 / 11.4
SEER		(Non-Ducted/Ducted/Mixed)		17.0 / 15.0 / 16	19.0 / 15.5 / 17.25	18.0 / 16.0 / 17
HSPF (IV)		(Non-Ducted/Ducted/Mixed)		9.8 / 9.5 / 9.65	10.0 / 9.0 / 9.5	11.0 / 9.8 / 10.4
Power Supply		Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *5		
Voltage		Indoor - Outdoor S2 - S3 Indoor - Outdoor S1 - S2		AC 208 / 230V DC ±24V		
Outdoor Unit *4	MCA	A		29.5		30.5
	MOCP	A			40	
	Fan Motor (ECM)	F.L.A.			2.43	
	Compressor	Model (Type) R.L.A. L.R.A.		DC INVERTER-driven Twin Rotary 20 28.8		
	Refrigerant Control			Linear Expansion Valve		
	Defrost Method			Reverse Cycle		
	Sound Pressure Level at Cooling *1	dB(A)		54		
	Sound Pressure Level at Heating *2	dB(A)		58		
	External Finish Color			Munsell No. 3.0Y 7.8 / 1.1		
	Dimensions	Width (in.) Depth (in.) Height (in.)		37-13/32 13 41-17/64		
Weight		lbs.		187	189	2, 3
Indoor Unit		No. of Units		2	2, 3	2, 3
Remote Controller		Type		Associated with the Indoor Unit		
Refrigerant		Type		R-410A		
		Charge	lbs., Oz.	8, 13		
		Oil	Type (fl. oz.)	FV50S (24.7)		
Refrigerant Pipe		Gas Side O.D.	In.	A, B: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C: 3/8
		Liquid Side O.D.	In.		1/4	
Max Refrigerant Line Length		Ft.		164		230
Max. Piping Length for Each Indoor Unit		Ft.			82	
Outdoor Operating Range		Cooling Heating	Ft. Ft.	-10°C - 46°C*** -25°C - 24°C		
Connection Method		Indoor/Outdoor		Flared/Flared		

\*\*\*With optional wind baffle

NOTES: \*Models MXZ-2C20/3C24/3C30NAHZ heat down to -25°C, including tolerance in which typical units can operate in heating mode down to -27°C, depending on conditions. All test conditions are based on AHRI 210/240.

\*1. Rating conditions (cooling)-Indoor: DB. 80° F (27° C), WB. 67° F (19° C); Outdoor: DB. 95° F (35° C), WB. 75° F (24° C).

\*2. Rating conditions (heating)-Indoor: DB. 70° F (21° C), WB. 60° F (16° C); Outdoor: DB. 47° F (8° C), WB. 43° F (6° C).

\*3. Rating conditions (heating)-Indoor: DB. 70° F (21° C), WB. 60° F (16° C); Outdoor: DB. 17° F (-8° C), WB. 15° F (-9° C).

\*4. Refer to pages 12–17 for Indoor Unit specifications.

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Model Name		Outdoor Unit		MXZ-4C36NAHZ* <sup>6</sup> ★	MXZ-5C42NAHZ* <sup>6</sup> ★	MXZ-8C48NAHZ* <sup>6</sup>
Indoor Unit	Cooling * <sup>1</sup> Non-ducted/ Ducted	Rated Capacity	Btu/h	36,000 / 36,000	42,000 / 42,000	48,000 / 48,000
		Capacity Range	Btu/h	6,000 – 36,000	6,000 – 42,000	6,000 – 48,000
		Rated Total Input	W	2,570 / 3,180	3,130 / 3,890	4,000 / 5,050
	Heating at 8°C * <sup>2</sup> Non-ducted/Ducted	Rated Capacity	Btu/h	45,000	48,000	54,000
Indoor Unit		Capacity Range	Btu/h	12,400 – 45,000	13,300 – 48,000	14,900 – 54,000
		Rated Total Input	W	3,340 / 4,250	3,430 / 4,350	4,220 / 4,990
	Heating at - 8°C * <sup>3</sup> Non-ducted/Ducted	Rated Capacity	Btu/h	45,000	48,000	54,000
		Maximum Capacity	Btu/h	45,000	48,000	54,000
Indoor Unit		Rated Total Input	W	3,500 / 4,590	3,650 / 4,290	4,340 / 5,250
	Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	44,000	46,900	52,800
		(Non-Ducted/Ducted/Mixed)		14 / 12.65 / 11.30	13.4 / 12.10 / 10.80	12.0 / 10.75 / 9.50
		(Non-Ducted/Ducted/Mixed)		19.1 / 17.5 / 15.8	19.0 / 17 / 15.0	18.29 / 16.8 / 14.7
EER		(Non-Ducted/Ducted/Mixed)		11.3 / 10.7 / 10.1	11.0 / 10.6 / 10.1	12.0 / 10.5 / 10.0
SEER		(Non-Ducted/Ducted/Mixed)				
HSPF (IV)		(Non-Ducted/Ducted/Mixed)				
Power Supply		Phase, Cycle, Voltage		1 Phase, 60 Hz, 208/230V		
Voltage		Indoor - Outdoor S1 - S2		AC 208/230V		
		Indoor - Outdoor S2 - S3		DC ± 24V		
Outdoor Unit * <sup>4</sup>	MCA	A		42		
	MOC	A		52		
	Fan Motor (ECM)	F.L.A.		0.074 + 0.074		
	Compressor	Model (Type)		DC INVERTER-driven Twin Rotary		
		R.L.A.		19		
		L.R.A.		22		
	Refrigerant Control			Linear Expansion Valve		
	Defrost Method			Reverse Cycle		
	Sound Pressure Level at Cooling * <sup>1</sup>	dB(A)	49	50	51	
	Sound Pressure Level at Heating * <sup>2</sup>	dB(A)	53	54	54	
	External Finish Color			Munsell No. 3.0Y 7.8/1.1		
	Dimensions	W: In.		41-11/32		
		D: In.		13+1		
		H: In.		52-11/16		
	Weight	Lbs.		276		
Indoor Unit		No. of Units		2,3*,4	2,3,4*,5	2,3,4,5,6*,7,8
Remote Controller		Type		Associated with the indoor unit		
		Type		R-410A		
Refrigerant		Charge	Lbs., Oz.	10, 9		
		Oil	Type (fl. oz.)	FV505 (78)		
Refrigerant Pipe		Gas Side O.D.	In.	5/8		
		Liquid Side O.D.	In.	3/8		
Max Refrigerant Line Length			Ft.	492		
Max. Piping Length for Each Indoor Unit				262		
Outdoor Operating Range		Cooling	Ft.	-5°C - 46°C***		
		Heating	Ft.	-25°C - 21°C		
Connection Method		Indoor/Outdoor		Flared/Flared		

Please see page 35 for MXZ-Hi Connection Rules.

\*\*\*With optional wind baffle

## Branch Boxes

Only a single lineset is needed from the outdoor unit to branch box.

Branch box is required on MXZ-4C36NAHZ/5C42NAHZ/8C48NAHZ and non-hyper heat model MXZ-8C48NA. Maximum of two branch boxes can be connected to one outdoor unit. Joint connector MSDD-50AR-E or MSDD-50BR-E is required when connecting two branch boxes.

Model			PAC-MKA32BC	PAC-MKA52BC
Connectable No. of Indoor Units			Maximum 3	Maximum 5
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V	
Power Input		W	3	
Current		A	0.05	
External Finish			Galvanized Steel Sheets	
Dimension	Width	in.	17-23/32	
	Depth	in.	11-1/32	
	Height	in.	6-11/16	
Net Weight		lbs.	15	16
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (in.)	5/8	
		Liquid (in.)	3/8	
	Branch Box to Indoor Units	Gas (in.)	A,B,C: 3/8	A,B,C,D: 3/8; E: 1/2
		Liquid (in.)	A,B,C: 1/4	A,B,C,D,E: 1/4



PAC-MKA32BC



PAC-MKA52BC

\*5. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

\*6. MXZ-4C36NAHZ, MXZ-5C42NAHZ and MXZ-8C48NAHZ require branch box for operation.

\* When the system includes even 1 unit of PLA-A-EA7, the number of the maximum connectable indoor units is decreased as follows: 3 for MXZ-4C36NAHZ-U1, 4 for MXZ-5C42NAHZ-U1, and 6 for MXZ-8C48NA(HZ)-U1

\* Models MXZ-2C20/3C24/3C30NAHZ heat down to -25°C, including tolerance in which typical units can operate in heating mode down to -27°C, depending on conditions.

\*\* Branch box should be placed within the level between the outdoor unit and indoor units.

Specifications are subject to change without notice.



## Multi-split systems



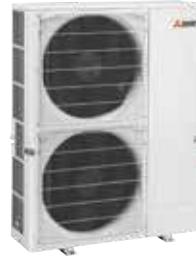
MXZ-2C20NA2



MXZ-3C24/3C30/4C36NA2



MXZ-5C42NA2



MXZ-8C48NA

### Energy Star-Qualified Configurations

Model	Indoor Unit Combinations	SEER	EER	HSPF (IV)
MXZ-2C20NA2	Non-ducted Units	20.0	12.7	10.0
MXZ-3C24NA2	Non-ducted Units	20.0	13.6	9.8



Optional accessories available. Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

### Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Wide Selection of up to 8:1 combinations
- High-Speed Heating and Cooling
- Long Pipe Runs – Up to 492 ft.
- Port Type units Refrigerant Pre-Charged
- Super Quiet Technology
- Heating down to -15°C

Model	Outdoor Unit		MXZ-2C20NA2 *4	MXZ-3C24NA2 *5	MXZ-3C30NA2 *6	MXZ-4C36NA2 *7
Cooling *1	Rated Capacity	Btu/h	18,000 / 20,000	22,000 / 23,600	28,400 / 27,400	35,400 / 34,400
Combinations:	Capacity Range	Btu/h	7,800 ~ 20,000	12,600 ~ 25,500	12,600 ~ 28,400	12,600 ~ 36,400
Non-ducted / Ducted	Rated Total Input	W	1,417 / 2,000	1,620 / 2,100	2,680 / 2,840	3,760 / 3,940
Heating at 8°C *2	Rated Capacity	Btu/h	19,800	23,500	26,900	33,900
Combinations:	Capacity Range	Btu/h	12,600 ~ 21,600	9,300 ~ 27,000	11,600 ~ 31,800	14,000 ~ 32,100
Non-ducted / Ducted	Rated Total Input	W	1,641 / 1,771	1,750 / 1,900	2,150 / 2,220	3,020 / 3,100
Heating at -8°C *2	Rated Capacity	Btu/h	12,500	14,100	16,100	20,300
Combinations:	Maximum Capacity	Btu/h	12,500	22,000	25,800	26,100
Non-ducted / Ducted	Rated Total Input	W	1,300 / 1,350	2,580 / 2,400	2,750 / 2,820	3,340 / 3,450
Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	9,700	21,500	25,500	25,800
EER	Cooling (Non-ducted / Ducted / Mixed)		12.7 / 10.0 / 11.35	13.6 / 11.2 / 12.4	10.6 / 9.6 / 10.1	9.4 / 8.7 / 9.05
SEER	Cooling (Non-ducted / Ducted / Mixed)		20.0 / 16.0 / 18	20.0 / 16.0 / 18.0	19.0 / 16.2 / 17.6	19.2 / 16.0 / 17.6
HSPF (IV)	Heating (Non-ducted / Ducted / Mixed)		10.0 / 9.3 / 9.6	9.8 / 9.2 / 9.5	10.6 / 9.6 / 10.1	11.0 / 9.8 / 10.4
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V *8			
Voltage	Indoor – Outdoor S1-S2 Indoor – Outdoor S2-S3		AC 208 / 230V DC12-24V			
Outdoor Unit	MCA	A	17.2	22.1	22.1	22.1
	MOCP	A	20	25	25	25
	Fan Motor	F.L.A	1.77	2.43	2.43	2.43
	Compressor	Model (Type)	Variable Speed Compressor (VCSi)			
		R.L.A.	10.7	12	12	12
		L.R.A	15.5	13.7	13.7	13.7
	Refrigerant Control		Linear Expansion Valve			
	Sound – Cooling	dB(A)	50	51	52	54
	Sound – Heating	dB(A)	54	55	56	56
	External Finish Colour		Munsell No. 3.0Y 7.8 / 1.1			
Dimensions	Width (in.)		33-1/16	37-13/32	37-13/32	37-13/32
	Depth (in.)		13	13	13	13
	Height (in.)		27-15/16	31-11/32	31-11/32	31-11/32
	Weight	lbs	126	137	137	139
Connectable No. of Indoor Units			2	2 – 3	2 – 3	2 – 4
Refrigerant	Type		R-410A	R-410A	R-410A	R-410A
Refrigerant Pipe	Charge	lbs., oz.	5, 15	6, 13	6, 13	6, 13
	Gas – O.D.	in.	A, B: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C, D: 3/8
	Liquid – O.D.	in.	1/4	1/4	1/4	1/4
Refrigerant Pipe Length	Height Difference (Max.)	ft.	49/33 *9	49/49		
	Length (Max.)	ft.	164 (A+B)	230 (A+B+C)		
Connection Method	Indoor / Outdoor		Flared / Flared			
Outdoor Operating Range	Cooling		-10°C – 46°C DB			
	Heating		-15°C – 24°C DB			

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Note: Performance may vary based on specific indoor combination. Please consult with your local dealer for a complete listing from the service manual.

All non-ducted indoor unit combinations for MXZ-2C20NA2 and MXZ-3C24NA2 are Energy Star certified.

All test conditions are based on ARI 210/240. Rating conditions:

\*1. Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency

\*2. Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency

\*3. Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency

\*4. Data from combination of two Indoor Units 9,000 Btu/h (non-ducted) or one 9,000 Btu/h and one 12,000 Btu/h (ducted).



Model	Outdoor Unit		MXZ-5C42NA2 <sup>*10</sup>	MXZ-8C48NA
Cooling <sup>*1</sup>	Rated Capacity	Btu/h	40,500 / 37,500	48,000 / 48,000
Combinations:	Capacity Range	Btu/h	6,000 ~ 43,000	6,000 ~ 48,000
Non-ducted / Ducted	Rated Total Input	W	4,403 / 4,112	4,000 / 5,050
Heating at 8°C <sup>*2</sup>	Rated Capacity	Btu/h	39,800	53,000
Combinations:	Capacity Range	Btu/h	16,900 ~ 47,000	14,900 ~ 53,000
Non-ducted / Ducted	Rated Total Input	W	3,575 / 3,463	4,220 / 4,990
Heating at -8°C <sup>*3</sup>	Rated Capacity	Btu/h	23,800	35,300
Combinations:	Maximum Capacity	Btu/h	33,300	35,300
Non-ducted / Ducted	Rated Total Input	W	4,800 / 5,500	3,720 / 4,420
Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	31,100	30,000
EER	Cooling (Non-ducted / Ducted / Mixed)		9.2 / 9.0 / 9.1	12.0 / 9.5 / 10.75
SEER	Cooling (Non-ducted / Ducted / Mixed)		19.7 / 15.2 / 17.45	18.9 / 14.7 / 16.8
HSPF (IV)	Heating (Non-ducted / Ducted / Mixed)		10.3 / 9.1 / 9.7	11.4 / 10.1 / 10.75
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V	
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V	
	Indoor - Outdoor S2-S3		DC12-24V	
Outdoor Unit	MCA	A	32.5	37
	MOCP	A	40	40
	Fan Motor	F.L.A	2.43	.4 + .4
	Compressor	Model(Type)	Variable Speed Compressor (VCSi)	
	Refrigerant Control		Linear Expansion Valve	
	Sound - Cooling	dB(A)	56	51
	Sound - Heating	dB(A)	58	54
	External Finish Colour		Munsell No. 3Y 7.8 / 1.1	
	Dimensions	Width (in.)	37-13/32	41-11/32
		Depth (in.)	13	13
		Height (in.)	41-17/64	52-11/16
	Weight	lbs	189	269
Connectable Indoor Units (Size/Quantity)			6,000 – 36,000 / 2 ~ 5	6,000 – 36,000 / 2 ~ 8
Refrigerant	Type		R-410A	R-410A
	Charge	lbs., oz.	8, 13	10, 9
Refrigerant Pipe	Gas – O.D.	in.	A: 1/2; B, C, D, E: 3/8	5/8
	Liquid – O.D.	in.	1/4	3/8
	Height Difference (Max.)	ft.	49/49	164 <sup>*11</sup>
Refrigerant Pipe Length	Max. Distance Between Outdoor Unit and Farthest Indoor Unit	ft.	82	262
	Max. Total Length	ft.	(A+B+C+D+E) 262	492
Connection Method	Indoor / Outdoor		Flared / Flared	
Outdoor Operating Range	Cooling		-10°C – 46°C DB	-5°C – 46°C DB
	Heating		-15°C – 18°C DB	-20°C – 21°C DB

Please see page 33 for Branch Box information.

## MXZ Connection Rules

### Port Type

MXZ-2C20NA, 3C24NA, 3C30NA, 4C36NA, 5C42NA, 2C20NAHZ, 3C24NAHZ and 3C30NAHZ

- Minimum 2 indoor units must be connected. Minimum 12k Btu must be connected.
- 14/3 300V rated wire from condenser to each indoor unit is required.
- Systems may connect to indoor units up to 130% of rated nominal capacity. Systems using SVZ style indoor unit may only connect up to 100% rated nominal capacity.
- Only 1 SVZ may be connected per outdoor unit.
- When connecting SVZ, connection of only 1 other indoor unit is allowed per MXZ unit.
- If system includes SVZ no P-Series (PEAD etc.) indoor units may be connected.
- Maximum 2 PEAD units may be installed per MXZ outdoor unit. More than two is not permitted.
- 1:1 SVZ connection to MXZ outdoor unit is not a supported combination.

<sup>\*</sup>Maximum installed capacity is the maximum total of all connected indoor units, NOT the maximum capacity produced.

### MXZ-8C48NA, MXZ-4C36NAHZ, 5C42NAHZ, 8C48NAHZ

- Minimum 2 indoor units utilizing 12k Btu must be connected, branch box(s) required for these models. Maximum 2 branch boxes can be connected per outdoor unit.
- 16/2 Shielded M-Net wire runs from Condenser to branch box for communication.
- 14/3 Romex or equivalent minimum 300V copper wire must be used from branch box (if applicable) to each indoor unit.
- SPTB1 separate power supply acceptable for indoor unit power connection.
- More than 2 SVZ may be connected if SPTB1 power supply kit is used on each indoor unit. On each branch box 2 multi-position AHU are connectable with no other units. When 1 SVZ is connected a maximum of 1 SEZ / PEAD unit is allowed.
- Branch box systems using SVZ style indoor unit may only connect up to 130% nominal outdoor unit capacity. Maximum 2 SVZ units may be connected per branch box.
- Up to 3 SEZ or PEAD style units may be connected per branch box (when no SVZ included in system). When 3 SEZ/PEAD style units are connected to a single branch box no other indoor units may be connected to the branch box.
- When system includes even 1 PLA-A\*EA7 4-way cassette unit on MXZ-8C48NA, 4C36NAHZ, 5C42NAHZ, 8C48NAHZ maximum connectable number of indoor units decreases as follows: 6 for MXZ-8C48NA, 3 for MXZ-4C36NAHZ, 4 for MXZ-5C42NAHZ and 6 for MXZ-8C48NAHZ

### SPTB1 – Separate Power Supply Terminal Block

- Optional kit for providing separate power supply to individual indoor units. 1 Kit required per indoor unit.
- MXZ systems using branch boxes may connect any number of multi-position air handlers (following other rules stated above) with SPTB1 on each indoor unit.

- S2 and S3 communication wiring must still be connected to outdoor unit. Refer to install manual for SPTB1 for further information.

<sup>\*5</sup>. Data from combination of one Indoor Unit 6,000 Btu/h and two 9,000 Btu/h (non-ducted) or three 9,000 Btu/h (ducted).

<sup>\*6</sup>. Data from combination of two Indoor Units 9,000 Btu/h and one 12,000 Btu/h (non-ducted and ducted).

<sup>\*7</sup>. Data from combination of four Indoor Units 9,000 Btu/h (non-ducted and ducted).

<sup>\*8</sup>. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

<sup>\*9</sup>. 49 feet applies to installations where the outdoor unit is installed below the indoor unit.

<sup>\*10</sup>. Data from combination of one Indoor Unit 6,000 Btu/h and four 9,000 Btu/h (non-ducted) or five 9,000 Btu/h (ducted).

<sup>\*11</sup>. 131 feet applies to installations where the outdoor unit is installed below the indoor unit.



# Connectable indoor units

## Wall-Mounted Style



Deluxe Model			MSZ-FH06NA	MSZ-FH09NA	MSZ-FH12NA	MSZ-FH15NA	MSZ-FH18NA
Airflow (Q, L, M, H, SH)	CFM Dry		137-167-221-304-381	137-167-221-304-381	137-167-221-304-398	225-262-304-355-411	225-262-304-355-437
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	20-23-29-36-40	20-23-29-36-40	21-24-29-36-41	27-31-35-39-44	27-31-35-39-47
Min. Ampacity	Indoor	A	1				
Dimension	H	in.	12-11/16	12-11/16	12-11/16	12-11/16	12-11/16
	W	in.	36-7/16	36-7/16	36-7/16	36-7/16	36-7/16
	D	in.	9-3/16	9-3/16	9-3/16	9-3/16	9-3/16
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2	1/4 x 1/2

Model			MSZ-GL06NA*	MSZ-GL09NA	MSZ-GL12NA
Airflow (Q, L, M, H, SH)	CFM Dry		145-170-237-321-399	145-170-237-321-399	145-170-237-321-399
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	19-22-30-37-43	19-22-30-37-43	19-22-30-37-45
Min. Ampacity	Indoor	A	1		
Dimension	H	in.	11-5/8	11-5/8	11-5/8
	W	in.	31-7/16	31-7/16	31-7/16
	D	in.	9-1/8	9-1/8	9-1/8
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 3/8



Model			MSZ-GL15NA	MSZ-GL18NA	MSZ-GL24NA
Airflow (Q, L, M, H, SH)	CFM Dry		205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
Min. Ampacity	Indoor	A	1		
Dimension	H	in.	11-5/8	12	12-13/16
	W	in.	31-7/16	36-5/16	43-5/16
	D	in.	9-1/8	9-13/16	9-3/8
Pipe Size	Liq. X Gas	in.	1/4 x 1/2	1/4 x 1/2	3/8 x 5/8

## Floor-Mounted Style

Model			MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA	MFZ-KJ18NA
Airflow (Q, L, M, H, SH)	CFM Dry		138-173-208-251-275	138-173-208-251-275	198-237-282-328-374	198-237-282-328-374
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	21-25-30-34-38	21-25-30-34-38	28-31-36-40-43	28-31-36-40-43
Min. Ampacity	Indoor	A	1			
Dimension	H	in.	23-5/8	23-5/8	23-5/8	23-5/8
	W	in.	29-17/32	29-17/32	29-17/32	29-17/32
	D	in.	8-15/32	8-15/32	8-15/32	8-15/32
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2	1/4 x 1/2



# Connectable indoor units

## 1-Way Cassette Style

Model			MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA
Airflow (Q, L, M, H, SH)	CFM Dry		212-254-282-311	212-258-297-332	212-293-346-403
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
Min. Ampacity	Indoor	A	1		
Dimension	H	in.	7-5/16	7-5/16	7-5/16
	W	in.	43-3/8	43-3/8	43-3/8
	D	in.	14-3/16	14-3/16	14-3/16
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2



## 4-Way Cassette Style

Model			SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA
Airflow (L,M, H)	CFM Dry		230-265-300	230-280-335	245-315-405
Sound Indoor (L, M, H)	Cooling	dB(A)	25-28-31	25-30-34	27-34-39
Min. Ampacity	Indoor	A	.25	.3	.4
Dimension	H	in.	8-3/16	8-3/16	8-3/16
	W	in.	22-7/16	22-7/16	22-7/16
	D	in.	22-7/16	22-7/16	22-7/16
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2



## Multi-Position Air Handler

Low Static Pressure (0.8" WG) Model			SVZ-KP12NA	SVZ-KP18NA	SVZ-KP24NA
Airflow (L,M, H)	CFM Dry		278-381-448	471-573-675	515-625-735
Sound Indoor (L, M, H)	Cooling	dB(A)	29-36-39	33-36-41	
Min. Ampacity	Indoor	A	3		
Dimension	H	in.	39-13/16	39-13/16	39-13/16
	W	in.	17	17	17
	D	in.	21-5/8	21-5/8	21-5/8
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 1/2	3/8 x 5/8
External Static Pressure	in. WG		0.3 - 0.5 - 0.8		

Low Static Pressure (0.8" WG) Model			SVZ-KP30NA	SVZ-KP36NA
Airflow (L,M, H)	CFM Dry		613-744-875	767-910-910
Sound Indoor (L, M, H)	Cooling	dB(A)	32-37-41	35-40-42
Min. Ampacity	Indoor	A	4.13	
Dimension	H	in.	43-3/4	43-3/4
	W	in.	21	21
	D	in.	21-5/8	21-5/8
Pipe Size	Liq. X Gas	in.	3/8 x 5/8	
External Static Pressure		in. WG	0.3 - 0.5 - 0.8	



# Connectable indoor units

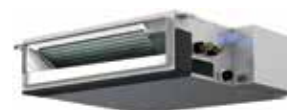
## Ceiling-Concealed Style

Low Static Pressure (0.2" WG) Model			SEZ-KD09NA4	SEZ-KD12NA4	SEZ-KD15NA4	SEZ-KD18NA4
Airflow (L,M, H)	CFM Dry		194-247-317	247-317-388	353-441-529	423-529-635
Sound Indoor (L, M, H)	Cooling	dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
Min. Ampacity	Indoor	A	1			
Dimension	H	in.	7-7/8	7-7/8	7-7/8	7-7/8
	W	in.	31-1/8	39	39	46-7/8
	D	in.	27-9/16	27-9/16	27-9/16	27-9/16
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2	1/4 x 1/2
External Static Pressure		in. WG	0.02-0.06-0.14-0.20			



## Ceiling-Concealed Style

Med. Static Pressure (0.6" WG) Model			PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7	PEAD-A18AA7	PEAD-A24AA7
Airflow (L,M,H)	CFM Dry		282-318-353	353-424-494	424-512-600		512-635-741
Sound (indoor L,M,H)	Cooling	dB(A)	24-26-28	28-30-34	30-33-37		
Min. Ampacity	Indoor	A	1.45		1.69		2.63
Dimension	H	in.	9-7/8 35-7/16 28-7/8				
	W	in.					
	D	in.					
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2		3/8 x 5/8
External Static Pressure	WG	in.	0.14-0.20-0.28-0.40-0.60				



Med. Static Pressure (0.6" WG) Model			PEAD-A30AA7	PEAD-A36AA7
Airflow (L,M,H)	CFM Dry		618-742-883	847-1,024-1,201
Sound (indoor L,M,H)	Cooling	dB(A)	30-34-39	33-38-42
Min. Ampacity	Indoor	A	2.73	3.30
Dimension	H	in.	9-7/8	9-7/8
	W	in.	43-5/16	55-1/8
	D	in.	28-7/8	28-7/8
Pipe Size	Liq. X Gas	in.	3/8 x 5/8	
External Static Pressure	WG	in.	0.14 - 0.20 - 0.28 - 0.40 - 0.60	

Q=Quiet, L=Low, M=Med, H=Hi, SH=SuperHi  
All features may not apply to all models. Ask your dealer for details.

# MXZ & Indoor unit

## Compatibility chart

MULTI-ZONE OUTDOOR UNIT		BRANCH BOX	INDOOR UNIT																			
			SVZ					MSZ-GL						MFZ-KJ				MSZ-FH				
12	18	24	30	36	6	9	12	15	18	24	9	12	15	18	6	9	12	15	18			
HYPER-HEATING EQUIPMENT	MXZ-2C20NAHZ2		✓					✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	
	MXZ-3C24NAHZ2		✓	✓				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-3C30NAHZ2		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-4C36NAHZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-5C42NAHZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-8C48NAHZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STANDARD EQUIPMENT	MXZ-2C20NA2		✓					✓	✓	✓	✓			✓	✓	✓			✓	✓	✓	
	MXZ-3C24NA2		✓	✓				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-3C30NA2		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-4C36NA2		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-5C42NA2		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MXZ-8C48NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ COMPATIBLE

Information is current as of this printing. When an SVZ is connected, total connected capacity must be 100% or less, and no P-Series indoor units can be used (PCA, PLA, or PEAD).

A minimum of two indoor units must be connected to all MXZ-C outdoor units. Minimum installed capacity cannot be less than 12,000 Btu/h.

# MXZ & Indoor unit

## Compatibility chart

MULTI-ZONE OUTDOOR UNIT		BRANCH BOX	INDOOR UNIT																											
			SEZ-KD				MLZ			SLZ			PLA							PEAD										
9	12	15	18	9	12	18	9	12	15	12	18	24	30	36	42	9	12	15	18	24	30	36								
HYPER-HEATING EQUIPMENT	MXZ-2C20NAHZ2		✓	✓	✓		✓	✓		✓	✓						✓	✓	✓											
	MXZ-3C24NAHZ2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓										
	MXZ-3C30NAHZ2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓									
	MXZ-4C36NAHZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓							
	MXZ-5C42NAHZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓							
	MXZ-8C48NAHZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓							
STANDARD EQUIPMENT	MXZ-2C20NA2		✓	✓	✓		✓	✓		✓	✓						✓	✓	✓											
	MXZ-3C24NA2		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓	✓	✓	✓										
	MXZ-3C30NA2		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓	✓	✓	✓	✓									
	MXZ-4C36NA2		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓	✓	✓	✓	✓									
	MXZ-5C42NA2		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓	✓	✓	✓	✓									
	MXZ-8C48NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓							

# Controllers

Mitsubishi Electric offers a wide variety of options when it comes to controlling your comfort. Whatever your need, we have the solution to effortlessly adjust your Zoned Comfort Solutions®.



## ENHANCED WIRELESS REMOTE CONTROLLER

- MODE: AUTO, COOL, DRY, HEAT and FAN
- FAN: Adjusts fan speed
- STOP/START: 24-hour ON/OFF timer
- VANE: Sets horizontal vane position
- TIME: Power off timer and clock adjustment
- SCHEDULING: 7 days, 4 events per day
- Included with M-Series FH, KJ & MLZ systems.



## STANDARD WIRELESS REMOTE CONTROLLER

- MODE: AUTO, COOL, DRY and HEAT
- FAN: Low, Med & High speeds
- STOP/START: 24-hour ON/OFF timer
- VANE: Sets horizontal vane position
- SETTING: Current time
- TEMP: Units (F° or C°)
- WIDE BUTTON: Selects air direction
- TIME: Power off timer and clock adjustment
- Included with M-Series GL, D & MS-A systems.

## ADDITIONAL WIRELESS CONTROLLER FEATURES AVAILABLE ON CERTAIN MODELS

- "Powerful Mode" function permits the system to temporarily run at a lower/ higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level (on select models)
- Wide Vane setting provides a wider horizontal air distribution on select models with wider cabinets
- Features vary by indoor model



## MHK1 Wireless Remote Controller Kit

With the MHK1 Wireless Remote Controller Kit, comfort control has never been easier. It installs anywhere with a simple wall-mounted design, and its large, back-lit screen makes it very easy to read. Operation modes include cool, drying, auto, heat, and fan.

MHK1 Wireless Remote Controller Kit includes a Wireless Wall-mounted Remote Controller and a Wireless Receiver located with the indoor wall or ceiling-mounted unit. You may choose to enhance your control convenience and flexibility with an optional Portable Central Controller and/or Outside Air Sensor.

## Portable Central Controller

When paired with the MHK1 Wall-Mounted Controller, the Portable Central Controller (MCCH1) can monitor and control on/off mode and set your desired temperature. It also has scheduled override capability and displays outside air temperature and humidity when paired with the outside air sensor.



## Outside Air Sensor

The Outside Air Sensor (MOS1) monitors outdoor air temperature and humidity and conveniently displays that information on the Portable Central Controller and the wall-mounted controller.





# Controllers



## TOUCH SCREEN REMOTE CONTROLLER PARCT01MAU-SB

- User-friendly, customizable full color touch panel display
- Ability to add a custom logo on the display
- Large icons with 180 color patterns
- Daily and weekly timers
- Password protected
- Requires MAC-333IF-E for use with M-Series products
- Daily and weekly timers
- The MELRemo app and Bluetooth® Low Energy (BLE) technology supports communication with smartphones or tablets in multiple languages.



## PAR-40MAA BACK-LIT MA REMOTE CONTROLLER

- Room temperature: displays room temperature sensed either at the indoor unit (default) or at the remote controller
- Set temperature range limit: from Back-lit MA Controller, the set temperature range can be reduced for cool and heat modes
- Dimension: 4-3/4" (w) x 3/4" (h) (120 x 19 x 120mm)
- Requires MAC-334IF-E to use with M-Series. (wall & floor mount units)
- Setting screen for i-see Sensor™ 3D, draft reduction mode



## PAC-YT53CRAU SIMPLE MA CONTROLLER

- Simultaneously controlled group operation for up to 16 indoor units in a single group
- Set temperature range limit: simple MA-allowable set temperature range can be reduced for cool and heat modes
- Room temperature can be sensed either at the indoor unit (default) or at the Simple MA Controller
- Dimensions: 2-3/4" (w) x 9/16" (d) x 4-3/4" (h) (70 x 14.5 x 120mm)
- Requires MAC-334IF-E to use with M-Series



## PAC-US444CN-1 THERMOSTAT INTERFACE

- Allows you to control your Mr. Slim system with North American wired and wireless thermostats
- Control your Zoned Comfort Solution using third party thermostat
- Connects to the indoor unit using CN105 to replace the return air temperature sensor
- Maximum wiring length: 39' (12 m)
- Dimensions: 3.17 in (w) x 3.96 in (h) x 0.93 in (d) (80.6 x 100.6 x 23.7 mm)
- Exterior shell made of ABS resin



## MELCO-BEMS-MINI, MELCO-RETAIL-MINI

- Allows for a third-party Building Energy Management System (BEMS) to control a Mitsubishi Electric Heating & Cooling City Multi, M-Series or P-Series indoor unit
- Monitor and control one indoor unit with one BACnet & Modbus Interface
- Small, compact design
- Works with Mitsubishi Electric Heating & Cooling centralized and remote controllers
- Does not work with MHK1, Thermostat Interface or Wireless Interface
- Home/Commercial automation systems



## MAC-333IF-E SYSTEM CONTROL INTERFACE

- Allows M-Series indoor units to communicate with the CITY MULTI® Controls Network via M-Net
- Provides an input to allow remote On/Off control of indoor unit
- Allows MSZ/MSY/MFZ indoor units to connect to an MA controller
- Dimensions: (w) 6-5/16" (d) 2-1/8" (h) 2-3/4" (160 x 54 x 70 mm)
- Power supplied from indoor unit (12V DC)

# A Brand You Can Trust Comforting experience

## Mitsubishi Electric Sales Canada Inc.

Mitsubishi Electric offers a wide variety of commercial and residential heating and air conditioning products. Thanks to our many exclusive technologies like VCSi, VRF and H<sup>2</sup>i™, you can rest assured that our HVAC products are engineered to perform at the highest levels of efficiency and comfort.

For larger residential applications, you can employ the power of a City Multi PUMY system that allows you to connect up to 12 indoor units to a single outdoor unit and integrate them with a sophisticated control system. Beyond that, in applications such as high-rise buildings and hotels, you'll find other **City Multi systems** handling the work with ease. Working behind the scenes 24/7 is **Mr. Slim P-Series**, maintaining constant and comfortable temperatures in retail stores, mechanical rooms or server rooms. And **Zuba-Central** fits into your new or existing ductwork to provide a year-round whole-home comfort experience with outstanding energy savings. For more information on these products visit [www.MitsubishiElectric.ca](http://www.MitsubishiElectric.ca)



Slim Smart Remote



CITY MULTI PVFY MULTI-POSITION INDOOR UNIT



CITY MULTI PUMY OUTDOOR UNIT



ZUBA-CENTRAL INDOOR/OUTDOOR UNIT



ZUBA-MULTI INDOOR/OUTDOOR UNIT



P-SERIES PCA INDOOR UNIT



P-SERIES PUY OUTDOOR UNIT

## 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 5-year parts and 7-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.

Mitsubishi Electric will upgrade the standard warranty to an extended **10-year parts and 10-year compressor warranty** when your Mr. Slim system is installed by a Mitsubishi Electric Quality (MEQ) trained 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.



Heating and Cooling



*Our number one commitment is to you. That's why Mitsubishi Electric now offers an improved **10-year parts and 10-year compressor warranty** to give you years of worry-free home comfort. Ask your dealer for more details or visit [www.MrSlim.ca](http://www.MrSlim.ca)*

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



## A green step in the right direction

Look at the commercial buildings around you and chances are that you'll find a Mitsubishi Electric HVAC system quietly and efficiently working behind the scenes. And because Mitsubishi Electric is always striving to make advancements in heating and air conditioning technologies, it's no surprise to find us at the forefront of geothermal applications like the one featured here.



Québec City

## LEED-NC GOLD CERTIFICATION

*This building uses up to 55% less energy than a building of similar size. That's enough to power 110 single-family homes each year.*

With a capacity of nearly 4 million BTU/h of City Multi WR2 systems that simultaneously heat and cool over 148,000 sq. ft. of floor space using geothermal energy, Place de L'Escarpeement is one of the 10 most efficient buildings of its class in Canada.

### SYSTEM INSTALLED

**Geothermal Units:** City Multi WR2 systems x 37

**Indoor Units:** Ceiling-Concealed units x 269

**Fresh Air Equipment:** Lossnay/RenewAire HE2XINH x 7

**Controller:** Centralized Controller G-50A x 7

E-mail Notification License x 7

BACnet Interface x 7

Simple Remote Controller x 269

# Memo

A series of horizontal dashed lines for writing.



# Environmental Sustainability Vision 2050

Protect the air, land and water with our hearts and technologies to sustain a better future for all.



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.

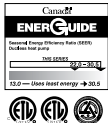


Certificate Number 79222    Certificate Number 78649

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.



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



Line test



Sound test



Performance test



Endurance test



Heat stress test



Saltwater spray test



Mitsubishi Electric Sales Canada Inc.

[MSeries.MrSlim.ca](http://MSeries.MrSlim.ca)

