



# Multi Split Systems

MXZ & PUMY Series





## Changes for the Better

Mitsubishi Electric has been an integral part of Australian households for more than 45 years, providing high-quality, innovative products.

We pride ourselves on understanding Australian households and delivering products tailored to meet their needs.

MITSUBISHI ELECTRIC  
**#worksforME**





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# Why Choose Mitsubishi Electric?

Whether it is consistent heating or cooling for the home or office, Mitsubishi Electric offers you state-of-the-art technology in the LN and AP Series with Dual Barrier Coating that is quiet, simple to use, energy efficient, and above all, reliable.

## Quality & Reliability

When it comes to comfort, efficiency and durability, Mitsubishi Electric is distinctive, and in a very good way. We call it MEQ — Mitsubishi Electric Quality. The MEQ standard results in product tested in accordance with the Mitsubishi Electric standard, it's simply a different standard of testing. Every Mitsubishi Electric air conditioner for each production line, is placed on a testing rig and undergoes a variety of stringent tests before leaving the factory.

## Flexible Choice

Mitsubishi Electric air conditioners range from wall mounted, floor standing, ceiling concealed, ceiling cassettes to ceiling suspended units; offering end-users flexibility, with a wide range of options to satisfy most application requirements.

## After Sales Service & Spare Parts

We pride ourselves on our local after sales support, including in-house technical support and spare parts support.

## Peace of Mind

Mitsubishi Electric air conditioners deliver reliable performance year in, year out. When used in residential applications, Mitsubishi Electric air conditioners are covered by a full 5 year parts and labour warranty.





# Why Multi Split?

## The Total Home Solution

The ideal cooling/heating solution for each room with just a single outdoor unit.

A Multi Split System gives you the freedom to select the indoor model best suited to each room in your home and caters to your comfort without cluttering the exterior. Enhancing aesthetics by reducing the number of outdoor units required.

With Mitsubishi Electric Air Conditioning Technology, you also get the benefit of enhanced efficiency and energy savings.



\*Illustration for product combinations and positioning ideas only.

- ✔ Only one outdoor unit
- ✔ Choose from High Walls, Floor Consoles, Ducted or Cassettes
- ✔ Energy efficient
- ✔ From 2 to 8 room solutions
- ✔ Optional Wi-Fi Control
- ✔ Optional Zone Control (Ducted indoors only)

# Benefits of Multi Split

## Style for Each and Every Room

A Multi Split System is the perfect addition to any home, giving home owners the opportunity to select multiple indoor air conditioner models, with a different model in each room. The ability to incorporate a range of models within a single Multi Split System, ensures that the functional and aesthetic requirements of each room can be fulfilled. With a Multi Split System you have the flexibility of selecting a compact bulkhead unit for the kitchen, a ceiling cassette unit for the lounge room and a floor standing unit in the office. The flexibility of the Multi Split System is sure to enhance the functionality of your home, as well as its aesthetic appeal.

## Individual Temperature Control for Each Room

The capability of a Multi Split System lies in the capacity to individually control the temperature of all air conditioner units, even if a combination of different models have been used. Individual air conditioner control allows occupants in different rooms to select a temperature (within the same mode) that suits their needs, without affecting the temperature settings in other rooms. The capacity to individually control each air conditioner unit may also result in savings on your electricity bill, with the ability to turn a single air conditioner unit off when it isn't required.

## Quiet Operation for Peaceful Comfort

Thanks to a clever Silent Mode feature, Multi Split Systems are able to operate whilst keeping noise to the minimum. Whilst in operation, the sound levels of outdoor units can remain as low as 46dBA\*, which will greatly please both you and your neighbours.

\*MXZ-2F52VGD-A1 / MXZ-3F54VGD-A1 in cooling mode. Measured in an Anechoic chamber.

## Keep Your Exterior Clutter-Free

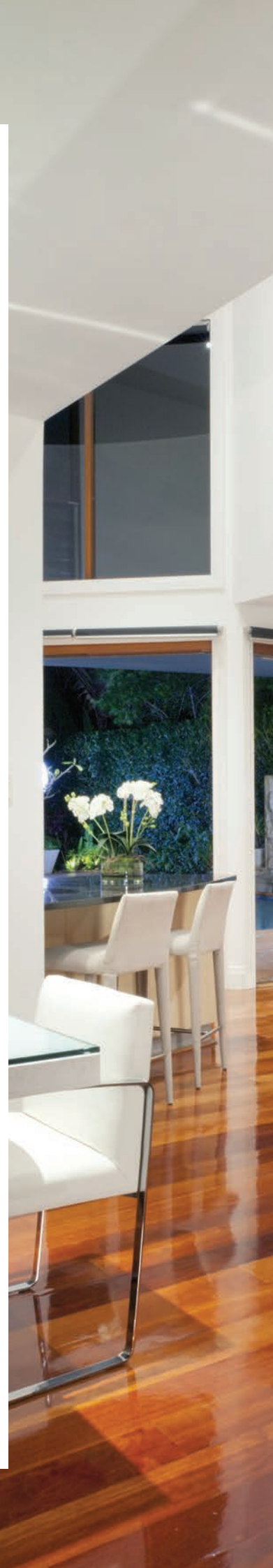
Multi Split Systems are conveniently designed to keep the exterior of your home clutter-free, with the ability to connect multiple (2-8) indoor air conditioning units to a single outdoor unit. Gone are the days where an outdoor unit is required for every indoor unit. With a Multi Split System, you can air condition two to eight rooms with a single outdoor unit, which not only keeps the exterior of your home clutter-free, but also keeps noise to the minimum.

## Future-Proof & Add Units as Your Family Grows

As your circumstances evolve, your air conditioning needs may also change. A large benefit of installing a Multi Split System is that additional air conditioner units can easily be added in the future, without having to install additional outdoor units. For instance, a five room Multi Split System may be installed, with only three rooms connected initially. Two more rooms may then be connected in the future, to the existing outdoor unit. Therefore, Multi Split Systems are future-proof, allowing you to plan for present circumstances, but also allow for changes to occur in the future.

\*Rated capacity of indoor units varies based on connected combination of indoor units and outdoor unit.

\*Room sizes are only indicative. Air conditioning systems must be sized for a room as per the heat load calculation.



# Technology

## Outdoor Units

With Mitsubishi Electric Multi Split Systems, climate control is available at the touch of a button. Our units are ideal for multiple room applications and can incorporate zone control ducted indoor units for complete control where cool or warm air is moved quietly throughout the home through diffusers positioned in the ceiling, wall or floor.

### Outdoor Unit DC Scroll Compressor

Compressors can be described as the heart of an air conditioner, that pump the refrigerant around the system which heat or cools your home. Mitsubishi Electric utilises DC scroll compressors with the addition of a frame compliance mechanism, this technology reduces the internal friction of the compressor which increases its overall efficiency.

### Inverter Technology

While the compressor is the heart of the system, the Inverter is the brain of the system. An Inverter receives information from sensors monitoring operating conditions and adjusts the frequency of the compressor to control the refrigerant flow rate thereby consuming less current and power. Mitsubishi Electric Inverters ensures high performance and maximum comfort is achieved while maintaining energy efficiency.

### Cleaning-Free Pipe Re-Use Technology\*<sup>1</sup>

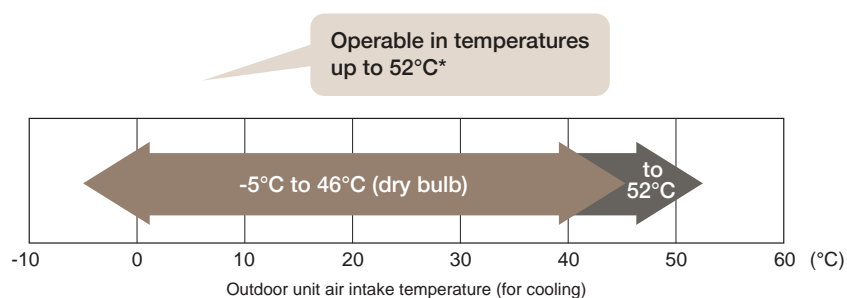
The Mitsubishi Electric clean free piping re-use technology allows the re-use of existing refrigerant pipe\*<sup>2</sup> which may reduce the installation costs by eliminating the need to replace existing pipework. The system is fitted with a 'wide strainer' which captures iron particles and prevent them from entering the outdoor unit.

\*<sup>1</sup> Please contact your local dealer for details.

\*<sup>2</sup> This feature is available on all MXZ and PUMY Series.

### Guaranteed Operating Range

With the harsh Australian environment it is comforting to know your air conditioner will continue to operate with a guaranteed operating range of  $-5^{\circ}\text{C}$  to  $46^{\circ}\text{C}/52^{\circ}\text{C}^*$ . This means your air conditioner will continue to operate when you need it most.



\* $46^{\circ}\text{C}$  MXZ Series and  $52^{\circ}\text{C}$  PUMY Series.

### Demand Response Capable\*

Our MXZ and PUMY outdoor units include a demand response enabling device (DRED), allowing your electricity provider to activate and control the system at 3 preprogrammed modes, in response to signals sent from the electricity provider at times when it is necessary to help reduce peak demand.

\*Excludes MXZ-2F52VF.

\*This requires an additional adapter from your power provider and is installed in accordance with AS/NZS 4755.3.1:2014.

# Indoor Units

## MSZ-LN Series

- ✔ Built-In Wi-Fi
- ✔ Dual Split Vane Technology
- ✔ 3D i-See Sensor
- ✔ Plasma Quad Plus Filter
- ✔ Quiet 19dB Noise Level (LN25)

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
-	✔	✔	-	✔	-	-	-



## MSZ-EF Series

- ✔ Built-In Weekly Timer
- ✔ Nano Platinum Filter
- ✔ Wi-Fi Control\*1
- ✔ Quiet 21dB Noise Level in 'Quiet Mode' (EF22/25/35)
- ✔ Appealing design matches any room décor

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
✔	✔	✔	✔	✔	-	-	-



## MSZ-AP Series

- ✔ Dual Barrier Coating
- ✔ Vertical & Horizontal Vanes
- ✔ Wi-Fi Control\*1
- ✔ Quiet 18dB Noise Level (AP25 in heating mode)
- ✔ Built-In Anti-Allergy Enzyme Filter\*2
- ✔ Electrostatic Anti-Allergy Enzyme Filter (Optional)\*2

1.5kW	2.0kW	2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW*3	7.1kW*3	8.0kW*3
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔



## MFXZ-KW Series

- ✔ Simple & Flat Design
- ✔ Nano Platinum Filter
- ✔ Wi-Fi Control\*1
- ✔ Multi-Flow Vane (Optimum Air Distribution)
- ✔ Built-In Weekly Timer
- ✔ Built-In Installation Capability

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
-	✔	✔	-	✔	-	-	-



## SLZ-M Series

- ✔ Outside-Air Intake
- ✔ Unit height of only 235mm
- ✔ 3D i-See Sensor (Optional)
- ✔ Compact 2ft x 2ft size for ceiling installation
- ✔ Wi-Fi Control\*1

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
-	✔	✔	-	✔	-	-	-



\*1 Optional Wi-Fi adapter required per unit.

\*2 Excludes MSZ-AP15-20.

\*3 MSZ-AP60-80 are only connectable to MXZ outdoor units.



## PLA-M Series

- ✔ 72 Airflow Patterns
- ✔ Outside-Air Intake
- ✔ High/Low Ceiling Modes
- ✔ 3D i-See Sensor (Optional)
- ✔ Wi-Fi Control\*1

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW*2	10.0kW*2
-	-	-	-	-	-	✔	✔



## MLZ-KP Series

- ✔ Slim Body
- ✔ Horizontal Airflow
- ✔ Auto Vane Control
- ✔ Multi-Flow Vane (Optimum Air Distribution)
- ✔ Wi-Fi Control\*1
- ✔ Built-In Weekly Timer

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
-	✔	✔	-	✔	-	-	-



## PCA-M Series

- ✔ Stylish Unit Design
- ✔ 32dB Noise Level (M50)
- ✔ High/Low Ceiling Modes
- ✔ Outside-Air Intake
- ✔ Wi-Fi Control\*1

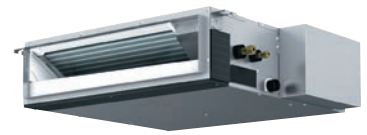
2.2kW	2.5kW	3.5kW	4.2kW	5.0kW*2	6.0kW*2	7.1kW*2	10.0kW*2
-	-	-	-	✔	✔	✔	✔



## SEZ-M Series

- ✔ Compact Design
- ✔ Wi-Fi Control\*1
- ✔ Unit height of only 200mm
- ✔ Three fan speeds and four static pressure levels

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
-	✔	✔	-	✔	✔	✔	-



## PEAD-M Series

- ✔ Compact Design
- ✔ Lighter Weight
- ✔ Wi-Fi Control\*1
- ✔ 30dB Noise Level in 'Low Mode' (71)

2.2kW	2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	10.0kW*2
-	-	-	-	✔	✔	✔	✔



\*1 Optional Wi-Fi adapter required per unit.

\*2 PLA-M71-100, PCA-M50-100 and PEAD-M100 are only connectable to PUMY outdoor units.

# Indoor Units



## LN Series

- Capacity Range: 2.5/3.5/5.0kW
- Unit Dimensions (mm): 890 (W) x 233 (D) x 307 (H)
- Colour: Pearl White, Ruby Red and Onyx Black
- 3D i-See Sensor
- Vertical & Horizontal Swing
- Direct/Indirect Airflow

The LN Series is a wall mounted system that blends energy efficiency with a sleek and ultra modern design. The stylish design is available with a range of deep, rich colours like pearl white, ruby red and onyx black, resulting in a premium quality feel.

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## Plasma Quad Plus Filter

An advanced, multi-stage filter system designed to effectively reduce common allergens and bacteria and influenza virus ensuring the circulation of fresh, clean air back into the room.\*<sup>1</sup>

## Dual Split Vane Technology

The unique dual split vane design allows airflow to be customised to suit different areas of the room, by independently directing air up, down, left and right.

## Built-In Wi-Fi\*<sup>2</sup> Control

Unlock the door to smarter heating and cooling, for total home comfort. View and control your air conditioner from anywhere in the world, set up schedules and get true two-way feedback.

\*<sup>1</sup> Testing Standard JEM1467:2015.

\*<sup>2</sup> Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operation system available.







## EF Series

- Capacity Range: 2.2/2.5/3.5/4.2/5.0kW
- Unit Dimensions (mm): 895 (W) x 195 (D) x 299 (H)
- Colour: Natural White, Matte Silver and Glossy Black

Mitsubishi Electric introduces the R32 MSZ-EF Series, expanding our line-up in the low Global Warming Potential (GWP) refrigerant. With just one third of the GWP of the R410A we aim to help reduce the household carbon footprint. The streamlined wall mounted indoor units have contemporary clean lines, expressing sophistication and quality, in a modern design and is available in 3 stylish colours.

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### Quiet Operation

The "Quiet" fan speed setting ensures super quiet operation below 21dB\*<sup>1</sup>. Perfect for the bedroom; it's so quiet you'll check to see if it's on.

### Nano Platinum Filter

The Nano Platinum Deodorising Filter reduces airborne bacteria while improving air quality. The optional Electrostatic Anti-Allergy Enzyme Filter assists in the reduction of common allergens.\*<sup>2</sup>

\*<sup>1</sup> Models MSZ-EF25/35 only.  
\*<sup>2</sup> Testing Standard JIS L1902.





## AP Series

- Capacity Range: 1.5/2.0/2.2/2.5/3.5/4.2/5.0/6.0/7.1/8.0kW\*1
- Unit Dimensions (mm):  
760 (W) x 178 (D) x 250 (H) (AP15-20)  
798 (W) x 219 (D) x 299 (H) (AP22-50)  
1,100 (W) x 257 (D) x 325 (H) (AP60-80)
- Colour: Natural White
- 7 vane and 7 louver selectable from the remote\*2

The MSZ-AP Series is engineered for high performance and lower operating noise levels. It also features a streamlined design to blend in with decor.

### Quiet Operation

A “Quiet Mode” setting has been added to the fan speed settings, ensuring super quiet operation below 18dB\*3. Perfect for the bedroom; it’s so quiet you’ll check to see if it’s on.

### Vertical & Horizontal Vanes\*2

Vertical and horizontal vanes are double the size of the previous model, allowing the airflow direction to be adjusted and improving airflow control effectively. These functions can be activated at the touch of a button on your remote controller.

### Dual Barrier Coating

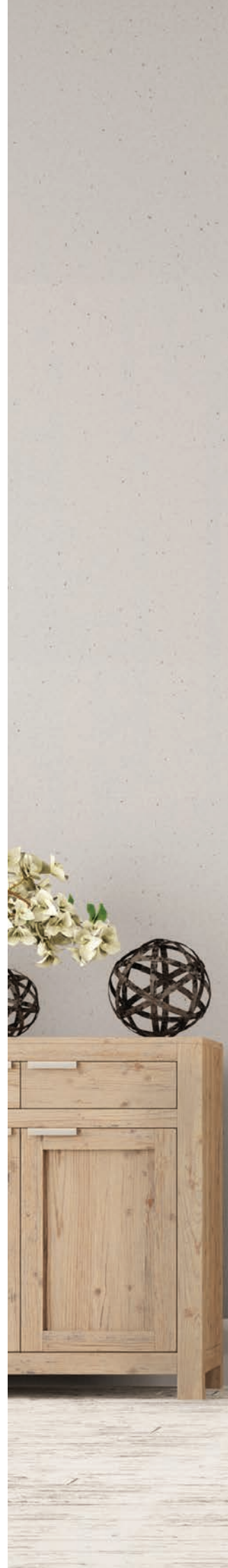
The MSZ-AP Series has an advanced Dual Barrier Coating on its heat exchanger and facial surfaces that reduces dust and greasy dirt from adhering to it. This not only helps the unit stay cleaner for longer but also makes cleaning the unit easier. The image shows a simulated comparison of dirt over 10 years, with and without Dual Barrier Coating.



\*1 MSZ-AP60-80 are only connectable to MXZ outdoor units.

\*2 Excludes MSZ-AP15-20.

\*3 Model MSZ-AP25 in heating mode only.





## MFXZ-KW Series

### Floor Standing Unit

- Capacity Range: 2.5/3.5/5.0kW
- Unit Dimensions (mm): 750 (W) x 215 (D) x 600 (H)
- Colour: Pure White
- Quiet Operation (models 25/35)
- 19dB Heating (models 25/35)

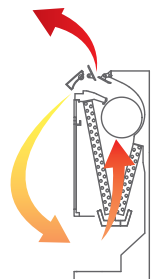
With their slimline design, our floor consoles are a great renovation option, fitting neatly into cavities of renovated fireplaces or heaters. The auto swing vane provides a more natural and comfortable airflow throughout the room.

### Slim, Sophisticated Design

A contemporary slimline design that can be recessed into your wall to significantly reduce the indoor unit's depth from 215mm to 145mm - a 33% decrease. Also features a removable base, it is the ideal solution to provide compact, unobtrusive installation.

### Rapid Heating Technology

KW Series ensures the perfect room temperature is reached faster with Rapid Heating Technology. Warm air is blown out in a downward direction and then sucked back into the unit to quickly raise the temperature of the air being blown out.



### Multi Flow Vane

A powerful blower provides improved distribution of air from the upper and lower air outlets. The result is a comfortable environment with an even temperature throughout the room. Three uniquely shaped vanes control the airflow and allow the freedom to customise comfort according to preferences.





## SLZ-M Series

### Ceiling Compact Cassette

- Capacity Range: 2.5/3.5/5.0kW
- Unit Dimensions (mm): 570 (W) x 570 (D) x 245 (H)
- Colour: Pure White
- Multiple Vane Settings

Compact and quiet, our range of ceiling cassette systems are equipped with 4-way airflow control. They offer you the flexibility to keep your wall and floor space free without compromising on comfort. Comes with built-in drain pump.

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### Compact Design

A design that is a perfect match for ceilings made using 2ft x 2ft construction. The 4-way air outlet provides improved comfort with evenly distributed airflow.

### Air Cleaning Filter

This built-in filter reduces dust and other particulates, keeping the air purified and deodorised. With simple maintenance, the long-life filter in the SLZ Series air conditioners can be used for approximately 2,500 hours.

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

#### **Detects Occupants** (Optional)

3D i-See Sensor detects the occupancy of people in the room and sets the air conditioning settings accordingly. This makes automatic power-saving operation possible in high traffic areas/places. Additionally, when the area is continuously unoccupied, the system switches to an enhanced power-saving mode.







## PLA-M Series

### Ceiling Cassette

- Capacity Range: 7.1/10.0kW\*
- Unit Dimensions (mm): 840 (W) x 840 (D) x 258 (H)
- Colour: Natural White
- Automatic grille lowering (down to 4m) (Optional)

A ceiling cassette that features a modern style with a sleek finish designed to fit discreetly with contemporary interior design, and performance providing enhanced airflow distribution for optimal comfort. Comes with built-in drain pump.

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### Horizontal Airflow

The new airflow control reduces that uncomfortable drafty feeling with the introduction of a horizontal airflow that spreads across the ceiling.

### Wide Airflow

PLA-M Series ceiling cassettes have the capacity to circulate air evenly throughout a room, ensuring that the room temperature is consistent throughout the entire space, through the use of wide-angle outlets. PLA-M Series ceiling cassettes feature a 20% reduction in horizontal airflow and fan speed, when compared to conventional models, in order to increase the comfort experienced by occupants.

### 3D i-see Sensor

#### Detects Occupants (Optional)

3D i-See Sensor detects the occupancy of people in the room and sets the air conditioning settings accordingly. This makes automatic power-saving operation possible in high traffic areas/places. Additionally, when the area is continuously unoccupied, the system switches to an enhanced power-saving mode.

\*PLA-M71-100 are only connectable to PUMY outdoor units.



## MLZ-KP Series

### Ceiling Cassette

- Capacity Range: 2.5/3.5/5.0kW
- Unit Dimensions (mm):  
1,102 (W) x 360 (D) x 185mm (H)
- Colour: Natural White
- Anti-Allergy Enzyme Filter (Optional)

The MLZ-KP Series features a sharp, slim and sleek appearance. Comes with built-in drain pump.

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### Sleek, Slimline Design

At just 185mm in height, the MLZ Series is the perfect solution for low ceiling cavities, whilst the flat, natural white finish provides a sleek and discreet installation.

### Auto Vane Control

Outlet vanes can be moved left and right, and up and down using the remote controller. This improved airflow control feature reduces drafts.

### Set Airflow According to Ceiling Height

Dual-level airflow selection is engineered to accommodate specific ceiling heights. This is a key feature for adjusting airflow effectively when ceilings are of different heights.

### Horizontal Airflow

The airflow control reduces that uncomfortable drafty feeling with the introduction of a horizontal airflow that distributes across the ceiling.



## PCA-M Series

### Ceiling Suspended

- Capacity Range: 5.0/6.0/7.1/10.0kW\*
- Unit Dimensions (mm):  
960 (W) x 680 (D) x 230 (H) (PCA-M50)  
1,280 (W) x 680 (D) x 230 (H) (PCA-M60-71)  
1,600 (W) x 680 (D) x 230 (H) (PCA-M100)
- Colour: Natural White
- Designed for schools, shops and restaurants

A stylish indoor unit design and airflow settings for both high and low ceiling interiors expand installation possibilities. Together with excellent energy-saving control options, these units are the solution to diversified air conditioning needs.

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### Equipped with Automatic Air-Speed Adjustment

In addition to the conventional 4-speed setting, units are now equipped with an automatic air-speed adjustment mode. This setting automatically adjusts the air-speed to conditions that match the room environment.

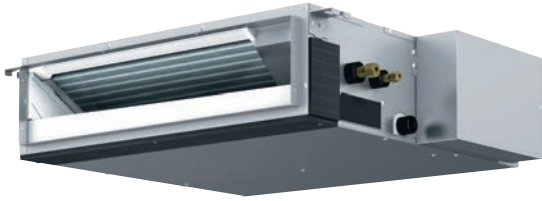
### Equipped with High and Low Ceiling Modes

Units are equipped with high and low ceiling operation modes that make it possible to switch the airflow volume to match room height.

### Outside-Air Intake

Units are equipped with a knock-out hole that enables the induction of fresh outside-air.

\*PCA-M50-100 are only connectable to PUMY outdoor units.



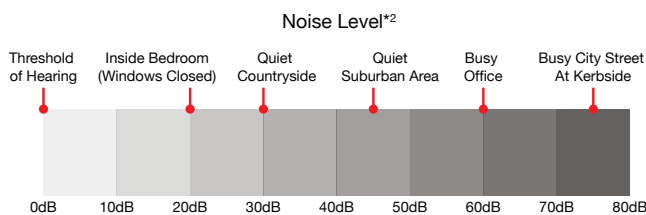
## SEZ-M Series

### Bulkhead

- Capacity Range: 2.5/3.5/5.0/6.0/7.1kW
- Unit Height: 200mm
- External Static Pressure: 5/15/35/50Pa
- Designed for homes, offices, restaurants and shops

### Impressively Quiet

With the sound of rustling leaves measuring at 20dB, the Mitsubishi Electric SEZ-M Series (25/35 models) offers impressively quiet operation at a hushed 23dB\*<sup>1</sup>; ensuring a calm and comfortable environment.



\*<sup>1</sup> The sound level for SEZ - is measured in an anechoic chamber.

\*<sup>2</sup> Source: NSW EPA.

### DC Fan Motor

Efficiency of the DC motor is much higher than an equivalent AC motor. The closed type design conceals the electrical windings which increases safety.

### Discreet Design

The Mitsubishi Electric compact design requires minimal space with a height of only 200mm, ideal for installation in buildings with lower ceilings. The design allows for discreet installation with the air intake and outlet grilles visible maintaining your home or office with clean lines for interior décor.



## PEAD-M Series

### Low Profile Mid-Static Ceiling Concealed

- Capacity Range: 5.0/6.0/7.1/10.0kW\*<sup>3</sup>
- Unit Height: 250mm
- Lightweight for ease of installation
- Built-in condensate pump

For elegance and style, the PEAD Series compliments the room environment with an aesthetically pleasing ceiling installation and high-pressure static fan.

### Compact Design

The height of the PEAD Series (5.0kW - 10.0kW) has been unified to 250mm making installation possible in low ceilings with minimal clearance space. It has variable airflow settings to establish the best operation to match different room layouts. The drainage pump lift is 700mm from the lower surface of the indoor units main body. The solution for low ceiling space, as low as 250mm.

### Wide Selection of Fan Speeds and External Static Pressure

The PEAD Series has five-stage external static pressure conversions and three fan speed options, giving you flexibility in comfort options. PEAD Series is designed with human comfort in mind and can be installed in a wide range of building types with broad static pressures requirements ranging from 35 to 125Pa\*<sup>4</sup>.

\*<sup>3</sup> PEAD-M100 are only connectable to PUMY outdoor units.

\*<sup>4</sup> Application dependent on site conditions.



# Outdoor Units

## MXZ Series

- Capacity Range: 5.2/5.4/7.1/8.0/10.0/12.0kW
- Guaranteed Operating Range: -10°C to 46°C (Cooling), -5°C (-15°C\*1) to 24°C (Heating)

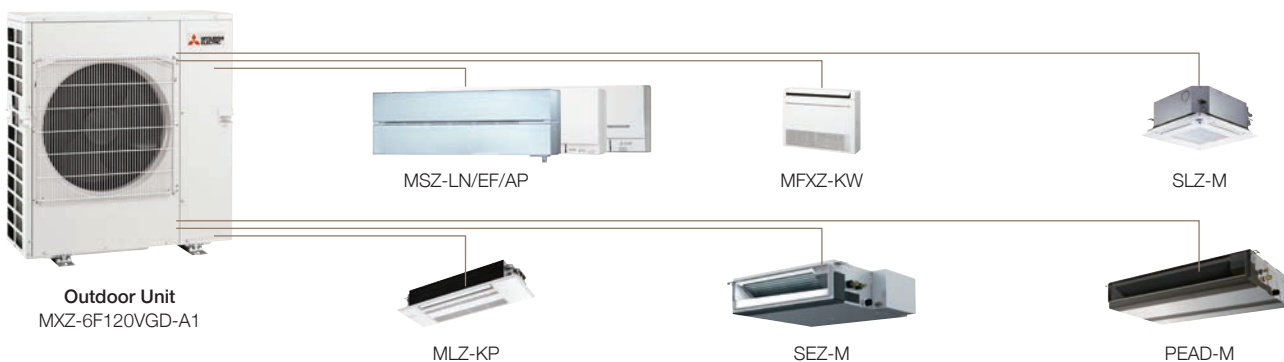
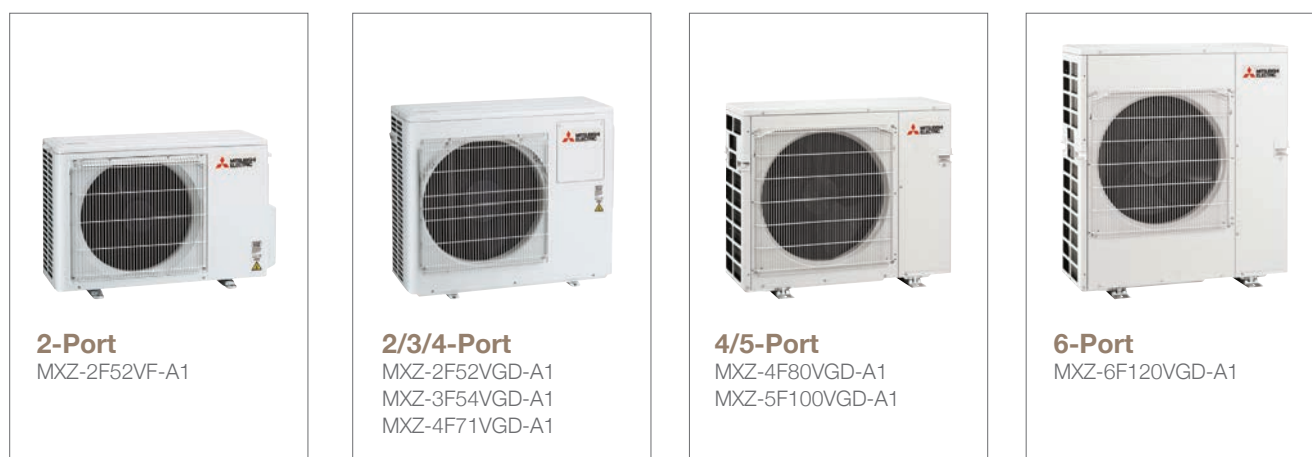
\*1 Optional air protection guide is required where ambient temperature is lower than -5°C.

## Operation Lock

To accommodate specific-use applications, cooling or heating operation can be specified when setting the control board of the outdoor unit. A convenient option when a system needs to be configured for exclusive cooling or heating service.

## R32

R32 enables increased energy efficiency compared to R410A, with just one third of the global warming potential, the risk of environmental harm is greatly reduced.



# PUMY Series

- Capacity Range: 9.0/12.5/14.0/15.5/22.4kW
- Single and Three Phase (P200 three phase only)
- Guaranteed Operating Range: Cooling at -5°C to 52°C, Heating at -20°C to 15°C

Mitsubishi Electric PUMY Series meets the needs of homes and apartments with the ability to select from a range of indoor units to best match your requirements.

## Lightweight & Compact Size

Compact design fits into narrow outdoor unit space of apartments and offices, with a reduced height of less than one metre. Lightweight design facilitates easier installation and transportation.

## Quiet Mode\*

Noise level may be reduced up to 10dB(A). This feature may assist in areas requiring sensitive ambient noise conditions.

\*Capacity reduction differs by mode setting. PAC-SC36NA-E is required to activate Quiet Mode.

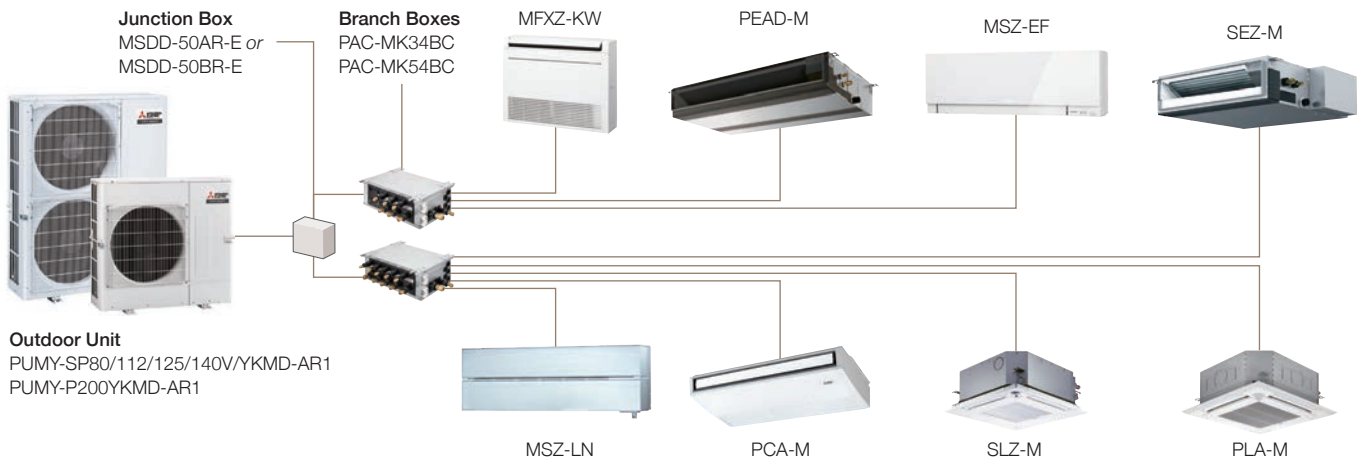
## Highly Efficient Heat Exchanger

A high density and increase in surface area have improved the heat-exchange efficiency. The pipe diameter has changed from 9.52 to 7.94mm, resulting a high density heat exchanger.

## External Static Pressure of 30Pa\*

The installation location is flexible thanks to its 30Pa static pressure. An external static pressure of 30Pa allows the outdoor unit to be installed on balconies in high-rise buildings or spaces near louvers.

\*Refer to installation manual for more details.



# Indoor Unit Compatibility

## Select from a Wide Range of Stylish Indoor Units

For an attractive installation and optimum use of indoor space, choose the system that best matches your needs including wall mounted, floor standing, ceiling cassette, ceiling suspended and ceiling concealed units, available in various capacities.








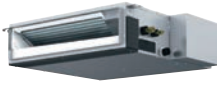

Refer to the following table to check if an indoor unit can be used with an outdoor unit. Combinations not listed in the table cannot be used.











MXZ Series																						
Model	Wall Mounted							Floor Standing		Ceiling Cassette				Ceiling Concealed								
	MSZ-LN		MSZ-EF	MSZ-AP			MFXZ-KW		SLZ-M		MLZ-KP		SEZ-M			PEAD-M						
Capacities	25/35	50	22/25/35/42/50	15/20/22/25/35/42/50			60	71	80	25/35	50	25/35	50	25/35	50	25/35	50	60	71	50	60	71
MXZ-2F52VF-A1	●		●	●						●		●			●							
MXZ-2F52VGD-A1	●		●	●						●		●			●							
MXZ-3F54VGD-A1	●	●	●	●					●	●	●	●	●	●	●	●				●		
MXZ-4F71VGD-A1	●	●	●	●	●				●	●	●	●	●	●	●	●	●			●	●	
MXZ-4F80VGD-A1	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●
MXZ-5F100VGD-A1	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●
MXZ-6F120VGD-A1	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●

PUMY Series																							
Model	Wall Mounted			Floor Standing		Ceiling Cassette				Ceiling Suspended				Ceiling Concealed									
	MSZ-LN		MSZ-EF	MSZ-AP	MFXZ-KW		SLZ-M		PLA-M		MLZ-KP		PCA-M		SEZ-M			PEAD-M					
Capacities	25/35	50	22/25/35/42/50	15/20/22/25/35/42/50		25/35	50	25/35	50	71	100	25/35	50	50	60	71	100	25/35	50	60	71	50/60/71	100
PUMY-SP80V(Y)KMD-AR1	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●	●	●	●	●	
PUMY-SP112V(Y)KMD-AR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PUMY-SP125V(Y)KM-AR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PUMY-SP140V(Y)KMD-AR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PUMY-P200YKMD-AR1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



# Selection

Step 1		Select Indoor Units				
Select the indoor unit to be installed in each room.						
Wall Mounted	Floor Standing	Ceiling Cassette	Ceiling Suspended	Ceiling Concealed		
 MSZ-LN   MSZ-EF   MSZ-AP	 MFXZ-KW	 SLZ-M   PLA-M   MLZ-KP	 PCA-M	 SEZ-M   PEAD-M		

Step 2		Select Outdoor Units		
2-Port Single Fan	2/3/4-Port Single Fan	2-8-Port Single Fan		
 MXZ-2F52VF-A1	 MXZ-2F52VGD-A1 MXZ-3F54VGD-A1 MXZ-4F71VGD-A1	 PUMY-SP80V/YKMD-AR1 PUMY-SP112V/YKMD-AR1 PUMY-SP125V/YKMD-AR1 PUMY-SP140V/YKMD-AR1	  <b>Branch Boxes</b> PAC-MK34BC PAC-MK54BC	
4/5-Port Single Fan	6-Port Single Fan	2-8-Port Twin Fan		
 MXZ-4F80VGD-A1 MXZ-5F100VGD-A1	 MXZ-6F120VGD-A1	 PUMY-P200YKMD-AR1	  <b>Branch Boxes</b> PAC-MK34BC PAC-MK54BC	

\*Branch box dependent on number of indoor units and capacity required.

Step 3		Check System Compatibility	
Possible combinations depends on the outdoor unit chosen. Please check the following points.			
<b>Check Indoor Units</b> Refer to the Indoor Unit Compatibility Table (page 20) to check if the indoor units selected can be used with the outdoor unit selected. (Indoor units not listed in the table cannot be used.)		<b>Check Indoor Units Capacity Combination</b> Refer to the Combination Table on the website to check if the capacity combination of the indoor unit selected is connectable. (Combinations not listed cannot be connected.)	
If the desired combination cannot be found, please change either the indoor or outdoor unit to match one of the combinations shown in the tables.			

# Control your Comfort

Making the most out of your air conditioner all starts with the controls, helping you to create comfort levels that suit your needs. The availability of a wide variety of controls by Mitsubishi Electric Australia, not only provides you with a selection to personalise your air conditioning system, but also increases flexibility in the way you use your unit.

**Wi-Fi**  
**CONTROL**



## Wi-Fi Control<sup>\*1</sup>

Unlock the door to smarter heating and cooling systems through your Split and Ducted systems, for total home comfort. This innovative technology connects your Mitsubishi Electric air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.

### Features:

- Adjusting set temperature
- Changing mode
- Fan speed
- Auto-Off
- Zone Control

### Voice Control

Mitsubishi Electric air conditioning systems connected with Wi-Fi Control<sup>\*1</sup> are now Amazon Alexa<sup>\*2</sup> and Google Assistant<sup>\*3</sup> enabled. This means you can enjoy hands-free control.

<sup>\*1</sup> Optional Wi-Fi adapter required per unit (excludes LN Series).

Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operation system available.

<sup>\*2</sup> To use Amazon Alexa to control your air conditioner you will need an Amazon Alexa Echo device.

<sup>\*3</sup> To use Google Assistant to control your air conditioner you will need a Google Home Smart speaker.

## Develop Operating Rules

Tailor your system to always meet your needs and unlock the full potential of your air conditioner. Program your system to automatically turn On/Off at specific times, change settings, and develop temperature rules to ensure superior comfort day after day.

## Control Multiple Units

Customise the settings of each air conditioner in your home. Purchase multiple adaptors to manage all air conditioners independently on the same account, to ensure complete control over your system. The result is a tailored system to your needs.





PAR-CT01MAA-PB

## Bluetooth\* Touch Screen Controller

### PAR-CT01MAA-S/SB/PB

A full colour 3.5" touch LCD display suitable for both residential and commercial applications. Remote controller can communicate with smartphone or tablet device via Bluetooth Low Energy (BLE).

#### Features:

- Logo/photo image customisation
- White or Premium Black finishes
- 180 colour patterns available
- Customisable display
- Multilingual support: The smartphone app can be displayed in the language that the user's smartphone is set to

\*Available for PAR-CT01MAA-SB and PAR-CT01MAA-PB.



PAR-40MAA

## 7 Day Wired Controller

### PAR-40MAA

A large easy to read display with backlit LCD.

#### Features:

- Weekly timer – 8 patterns up to 7 days
- Auto-Off timer
- Temperature range restriction – Limit minimum and maximum to prevent over heating/cooling
- Operation lock
- Multi Language (EN/FR/DE/ES/IT/PT/SV/RU)



PAR-SL97A-E PAR-SL100A-E

## Handheld Controllers

### PAR-SL97A-E | PAR-SL100A-E

With an easy to read display and a variety of operating modes at the touch of a button. This controller features a weekly and 24 hour timer, On/Off timer to set operating times on a daily basis. The 'i-Save' mode recalls the preset temperature.

#### Features:

- 24 hour timer
- Mode and fan speed selection
- i-Save mode
- 3D i-See Sensor controller (PAR-SL100A-E only)

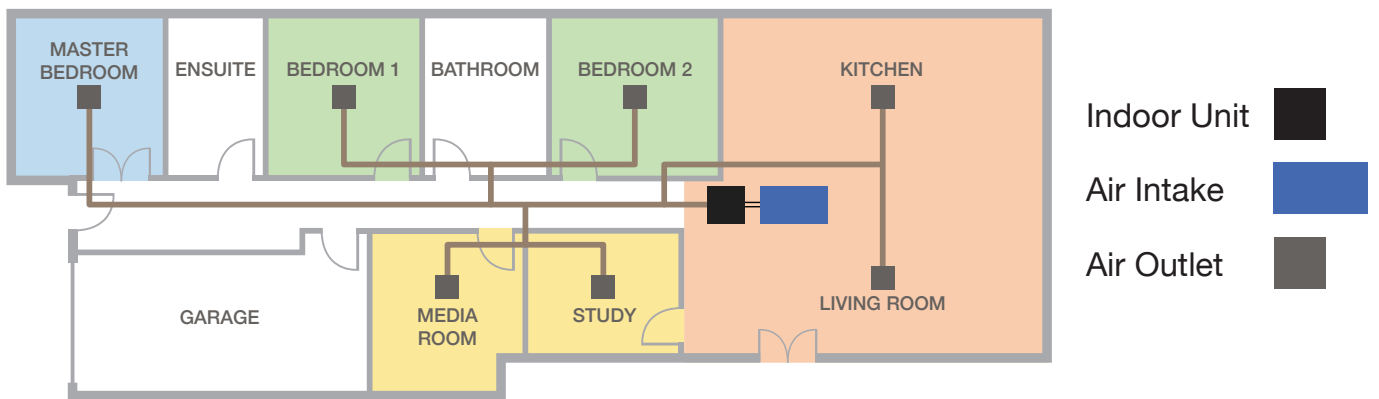
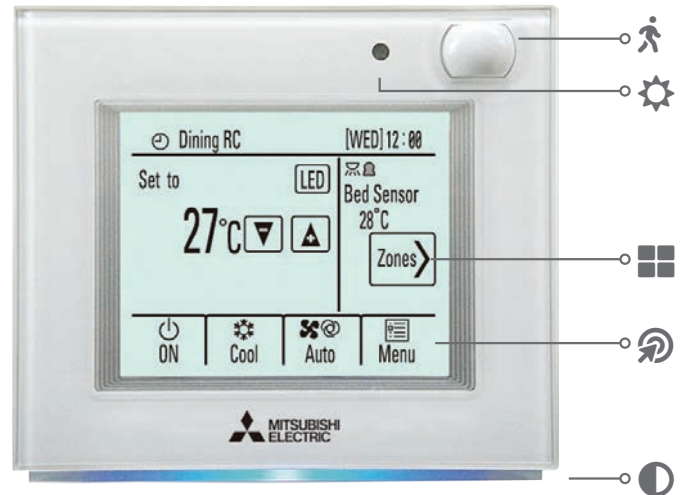


# Zone Controller

## What is Zoning?

Zoning is the ability to turn off a section of your ducted air conditioning system when not in use.

The Mitsubishi Electric Zone Controller expands functionality, delivering conditioned air where you want it in the home/office. With the ability of creating up to 4 or 8 separate zones, why condition air in unoccupied areas?



### Up to 4 or 8 Zones

The Zone Controller makes it possible to distribute conditioned air to where you need it in your home/office. With the ability of creating up to 4 or 8 separate zones, there is no need to condition air in unoccupied rooms. Unoccupied spaces can be prevented from receiving airflow, reducing power consumption in unnecessary areas.

### Weekly Timer

Zone Controller allows setting weekly schedule for unit On/Off, modes, set temperature and also zones On/Off. Up to eight operation patterns can be scheduled for each day.

### LED Indicator

A colour band indicates the operating mode or can be configured to other settings. i.e. Off/Temperature/Colour preference.

### Touch Panel

A 4.3" easy to use touch panel with backlight.

### Brightness Sensor

Day and time settings can be combined with the brightness sensor to automatically turn the air conditioner off when lights are switched off.

### Occupancy Sensor

If motion is undetected the air conditioner switches to energy saving mode.

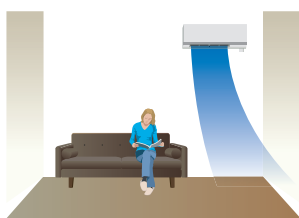
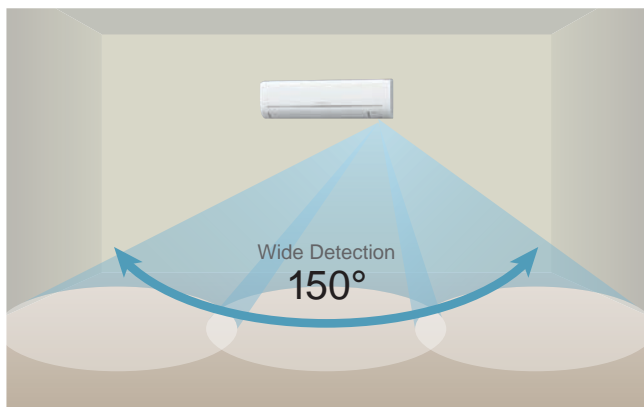
### Averaging Sensor Control

Zone Controller allows having 4 sensors in the system. Control of the unit is based on averaging of the sensors of the active zone.

# 3D i-see Sensor

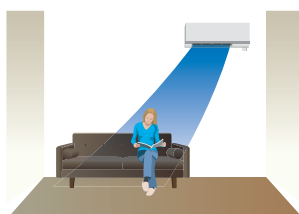
The 3D i-See Sensor is an infrared-ray sensor that measures the temperature at distant positions. While moving to the left and right, eight vertically arranged sensor elements analyse the room temperature in three dimensions.

This detailed analysis makes it possible to judge where people are in the room, thus allowing creation of features such as “indirect airflow,” to avoid airflow hitting people directly, and “direct airflow” to deliver airflow to where people are.



## Indirect Airflow

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

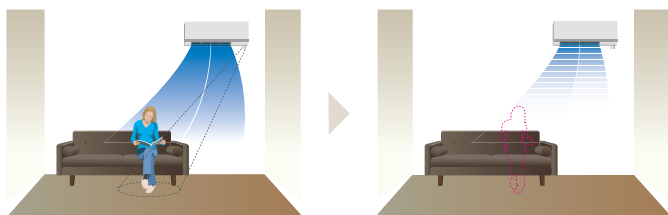


## Direct Airflow

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

## Absence Detection

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



## Demand Function

Based on connection of a demand response enabling device (DRED), Demand Response Mode is activated in response to signals sent from the electric power company at times when it is necessary to reduce peak demand.

\*Excludes MXZ-2D52VA2.

## Econo Cool Energy Saving Feature

“Econo Cool” is an intelligent temperature control feature that adjusts the amount of air directed towards the body based on the air-outlet temperature. The setting temperature can be raised by as much as 2°C without any loss in comfort, thereby realising a gain in energy efficiency.

(Function only available during manual cooling operation).

	Conventional	Econo Cool
<b>Ambient Temperature</b>	35°C	35°C
<b>Set Temperature</b>	5°C	7°C
<b>Perceived Temperature</b>	30°C	29.3°C

A comfortable room environment is maintained even when setting the temperature 2°C higher than the conventional cooling mode.

### Econo Cool On



Temperature distribution (°C)  
14 16 18 20 22 24 26 28

### Conventional Cooling Mode



## Area Temperature Monitor

The “3D i-See Sensor” monitors the whole room in sections and directs the airflow to areas of the room where the temperature does not match the temperature setting. For example when cooling the room, if the middle of the room is detected to be hotter, more airflow is directed towards it.

This helps to prevent unnecessary cooling/heating and contributes to energy efficiency.

### Cooling Mode



## Auto Vane

The vane closes automatically when the air conditioner is not running, concealing the air outlet and creating a flat surface that is aesthetically appealing.

# Product Specifications Indoor Units

MSZ-LN Series (Wall Mounted)								
Indoor Unit		MSZ-LN25VG/B/R		MSZ-LN35VG/B/R		MSZ-LN50VG/B/R		
Fan Speed		Quiet-Lo-Mid-Hi-SHi-Auto						
Cooling	Airflow [min-max]	ℓ/s	78 - 207		78 - 217		95 - 232	
	Sound Pressure Level [min-max]	dB	19 - 42		19 - 43		27 - 46	
Heating	Airflow [min-max]	ℓ/s	75 - 232		71 - 228		82 - 262	
	Sound Pressure Level [min-max]	dB	19 - 45				25 - 47	
Dimensions	Height	mm	307					
	Width	mm	890					
	Depth	mm	233					
Weight		kg	13.5					
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52					

SHi ▶ Super High

MSZ-EF Series (Wall Mounted)												
Indoor Unit		MSZ-EF22VG (W/B/S)-A1		MSZ-EF25VG (W/B/S) A1		MSZ-EF35VG (W/B/S)-A1		MSZ-EF42VG (W/B/S)-A1		MSZ-EF50VG (W/B/S) -A1		
Fan Speed		Quiet-Lo-Mid-Hi-SHi-Auto										
Cooling	Airflow [min-max]	ℓ/s	67 - 175			67 - 175			97 - 187		97 - 188	
	Sound Pressure Level [min-max]	dB	19 - 42			21 - 42			28 - 43		30 - 43	
Heating	Airflow [min-max]	ℓ/s	67 - 198			67 - 212			92 - 220		107 - 243	
	Sound Pressure Level [min-max]	dB	21 - 45			21 - 46			28 - 48		30 - 49	
Dimensions	Height	mm	299									
	Width	mm	895									
	Depth	mm	195									
Weight		kg	11.5									
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52									

W: White, B: Black, S: Silver SHi ▶ Super High

MSZ-AP Series (Wall Mounted)																					
Indoor Unit		MSZ-AP15 VGD		MSZ-AP20 VGD		MSZ-AP22 VGD		MSZ-AP25 VGD		MSZ-AP35 VGD		MSZ-AP42 VGD		MSZ-AP50 VGD		MSZ-AP60 VGD		MSZ-AP71 VGD		MSZ-AP80 VGD	
Fan Speed		Lo-Mid-Hi																			
Cooling	Airflow [min-max]	ℓ/s	58 - 107		58 - 115		82 - 205		82 - 223		90 - 223		100 - 258		156 - 315		160 - 310		160 - 343		
	Sound Pressure Level [min-max]	dB	21 - 40		21 - 42		19 - 44		19 - 45		26 - 49		28 - 49		29 - 48		30 - 49		30 - 50		
Heating	Airflow [min-max]	ℓ/s	62 - 113		62 - 122		82 - 190		82 - 215		88 - 233		93 - 268		180 - 338		133 - 320				
	Sound Pressure Level [min-max]	dB	21 - 40		21 - 42		18 - 42		19 - 45		26 - 46		28 - 48		29 - 48		30 - 49		30 - 53		
Dimensions	Height	mm	250				299				299				325						
	Width	mm	760				798				798				1100						
	Depth	mm	178				219				219				257						
Weight		kg	8.2				10.5				16				17						
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52								ø6.35/ø12.70										

MFXZ-KW Series (Floor Standing)										
Indoor Unit		MFXZ-KW25VG		MFXZ-KW35VG		MFXZ-KW50VG				
Fan Speed		Quiet-Lo-Mid-Hi-SHi-Auto								
Cooling	Airflow [min-max]	ℓ/s	40 - 150				93 - 205			
	Sound Pressure Level [min-max]	dB	23 - 43				28 - 48			
Heating	Airflow [min-max]	ℓ/s	70 - 162				100 - 233			
	Sound Pressure Level [min-max]	dB	24 - 44				29 - 49			
Dimensions	Height	mm	600							
	Width	mm	750							
	Depth	mm	215							
Weight		kg	14.5							
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52				ø6.35/ø12.70			



SLZ-M Series (Ceiling Cassette)					
Indoor Unit		SLZ-M25FA-A		SLZ-M35FA-A	SLZ-M50FA-A
Fan Speed		Lo-Mid-Hi			
Cooling	Airflow [min-max]	ℓ/s	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192
	Sound Pressure Level [min-max]	dB	25 - 28 - 31	25 - 33 - 59	27 - 34 - 39
Heating	Airflow [min-max]	ℓ/s	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192
	Sound Pressure Level [min-max]	dB	25 - 28 - 31	25 - 33 - 59	27 - 34 - 39
Dimensions	Height	mm	245 (10)		
	Width	mm	570 (625)		
	Depth	mm	570 (650)		
Weight		kg	15 (3)		
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52		ø6.35/ø12.70

PLA-M Series (Ceiling Cassette)					
Indoor Unit		PLA-M71EA-A		PLA-M100EA-A	
Fan Speed		Lo-Mid-Hi			
Cooling	Airflow [min-max]	ℓ/s	233 - 350	317 - 483	
	Sound Pressure Level [min-max]	dB	28 - 34	31 - 40	
Heating	Airflow [min-max]	ℓ/s	233 - 350	317 - 483	
	Sound Pressure Level [min-max]	dB	28 - 34	31 - 40	
Dimensions	Height	mm	258 (33)	298	
	Width	mm	840 (950)	840	
	Depth	mm	840 (950)	840	
Weight		kg	-	24	
Pipe Size [Liquid/Gas]		mm	ø9.52/ø15.88		

MLZ-KP Series (Ceiling Cassette)					
Indoor Unit		MLZ-KP25VF		MLZ-KP35VF	MLZ-KP50VF
Fan Speed		Auto-Quiet-Lo-Med-Hi			
Cooling	Airflow [min-max]	ℓ/s	167 - 250	250 - 317	267 - 333
	Sound Pressure Level [min-max]	dB	27 - 31 - 34 - 38	27 - 32 - 36 - 40	29 - 36 - 41 - 47
Heating	Airflow [min-max]	ℓ/s	167 - 250	250 - 317	267 - 333
	Sound Pressure Level [min-max]	dB	26 - 29 - 34 - 37	26 - 32 - 36 - 40	26 - 37 - 42 - 48
Dimensions	Height	mm	24		
	Width	mm	1200		
	Depth	mm	424		
Weight		kg	3.5		
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52		ø6.35/ø12.70

PCA-M Series (Ceiling Suspended)						
Indoor Unit		PCA-M50KA		PCA-M60KA	PCA-M71KA	PCA-M100KA
Fan Speed		Lo-Mi1-Mi2-Hi-Auto				Lo-Mid-Hi
Cooling	Airflow [min-max]	ℓ/s	167 - 250	250 - 317	267 - 333	367 - 467
	Sound Pressure Level [min-max]	dB	32 - 40	33 - 40	35 - 41	37 - 43
Heating	Airflow [min-max]	ℓ/s	167 - 250	250 - 317	267 - 333	367 - 467
	Sound Pressure Level [min-max]	dB	32 - 40	33 - 40	35 - 41	37 - 43
Dimensions	Height	mm	230			230
	Width	mm	960	1,280		1600
	Depth	mm	680			680
Weight		kg	25	32		37
Pipe Size [Liquid/Gas]		mm	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	

\*No remote controller included.

# Product Specifications Indoor Units

SEZ-M Series (Bulkhead)			SEZ-M25DA (L)	SEZ-M35DA (L)	SEZ-M50DA (L)	SEZ-M60DA (L)	SEZ-M71DA (L)
Indoor Unit							
Fan Speed			Lo-Mid-Hi-Auto				
Cooling	Airflow [min-max]	ℓ/s	92 - 150	117 - 183	167 - 250	200 - 300	200 - 333
	Sound Pressure Level [min-max]	dB	23 - 30	23 - 33	30 - 37	30 - 38	30 - 40
Heating	Airflow [min-max]	ℓ/s	92 - 150	117 - 183	167 - 250	200 - 300	200 - 333
	Sound Pressure Level [min-max]	dB	23 - 30	23 - 33	30 - 37	30 - 38	30 - 40
Static Pressure		Pa	5/15/35/50				
Dimensions	Height	mm	200				
	Width	mm	790	990		1190	
	Depth	mm	700				
Weight		kg	18	21	23	27	
Pipe Size [Liquid/Gas]		mm	ø6.35/ø9.52		ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88

\*SEZ-KD VAQ: No remote controller included.

\*SEZ-KD VAL: Equipped with a wireless remote controller.

PEAD-M Series (Ceiling Concealed)			PEAD-M50JAA(D)	PEAD-M60JAA(D)	PEAD-M71JAA(D)	PEAD-M100JAA(D)
Indoor Unit						
Fan Speed			Lo-Mid-Hi			
Cooling	Airflow [min-max]	ℓ/s	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567
	Sound Pressure Level [min-max]	dB	30 - 35 - 39	30 - 32 - 36	30 - 33 - 38	33 - 38 - 42
Heating	Airflow [min-max]	ℓ/s	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567
	Sound Pressure Level [min-max]	dB	30 - 35 - 39	30 - 32 - 36	30 - 33 - 38	33 - 38 - 42
Static Pressure		Pa	35/50/70/100/125			
Dimensions	Height	mm	250			
	Width	mm	900	1100		1,400
	Depth	mm	732			
Weight		kg	26 (27)	29 (30)	30	39
Return Air Spigot Size		mm	900 x 178	1100 x 250	1058 x 210	1360 x 250
Supply Air Spigot Size		mm	860 x 178	1060 x 178	1060 x 178	1360 x 178
Pipe Size [Liquid/Gas]		mm	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	

\*No remote controller included.

Note: With PEAD Series, the total capacity of indoor units need to be 100% of the outdoor unit capacity as maximum.

# Outdoor Units

Series			MXZ						
Outdoor Unit			MXZ-2F52 VF-A1	MXZ-2F52 VGD-A1	MXZ-3F54 VGD-A1	MXZ-4F71 VGD-A1	MXZ-4F80 VGD-A1	MXZ-5F100 VGD-A1	MXZ-6F120 VGD-A1
Refrigerant			R32						
Pre-Charge Refrigerant			1	2.4					
Power Supply (V, Phase, Hz)			220V, single, 60Hz / 230V, single, 50Hz						
Cooling	Capacity [Min-Rated-Max]	kW	1.1 - 5.2 - 5.6	2.0 - 5.2 - 6.0	2.9 - 5.4 - 6.8	3.7 - 7.1 - 8.8	3.7 - 8.0 - 9.2	3.9 - 10.0 - 11.0	3.5 - 12.0 - 14.0
	Total Input [Rated]	kW	1.38	1.38	1.25	1.79	1.98	2.84	3.3
	AEER/EER		3.72/3.77	3.73/3.77	4.26/4.32	3.93/3.97	4.00/4.04	3.49/3.52	3.61/3.64
	Running Current [Rated]	A [220V/60Hz - 230V/50Hz]	6.5 - 6.3	6.4 - 6.1	5.8 - 5.5	8.3 - 7.9	9.1 - 8.7	13.0 - 12.5	15.2 - 14.5
	Sound Pressure Level	Out [PWL]	61	60	60	63	61	65	68
Heating	Capacity [Min-Rated-Max]	kW	1.0 - 6.1 - 7.0	1.8 - 6.1 - 7.2	2.6 - 7.0 - 9.0	3.4 - 8.0 - 10.7	3.4 - 8.8 - 11.6	4.1 - 10.0 - 14.0	3.5 - 13.2 - 16.5
	Total Input [Rated]	kW	1.49	1.45	1.43	1.67	1.68	2.07	3
	ACOP/COP		4.05/4.09	4.17/4.21	4.84/4.90	4.74/4.79	5.18/5.24	4.78/4.83	4.37/4.40
	Running Current [Rated]	A [220V/60Hz - 230V/50Hz]	7.1 - 6.7	6.7 - 6.4	6.6 - 6.3	7.7 - 7.4	7.7 - 7.4	9.5 - 9.1	13.8 - 13.2
	Sound Pressure Level	Out [PWL]	63	65	65	66	63	67	72
Max. Running Current		A	12.2	12.2	18	18	21.4	21.4	29.8
Breaker Size		A	15	15	25	25	25	25	32
Outdoor Unit	Dimensions [HxWxD]	mm	550 x 800 x 285	710 x 840 x 330			796 x 950 x 330		1048 x 950 x 330
	Weight	kg	37	57	58	59	61	62	87
Piping	Diameter [Gas/Liquid]	mm	9.52 x 2 / 6.35 x 2	9.52 x 2 / 6.35 x 2	9.52 x 3 / 6.35 x 3	9.52 x 3 + 12.7 x 1 / 6.35 x 4	9.52 x 3 + 12.7 x 1 / 6.35 x 4	9.52 x 4 + 12.7 x 1 / 6.35 x 5	9.52 x 5 + 12.7 x 1 / 6.35 x 6
	Max. Length [Total-Each]	m	30 - 20	40 - 20	50 - 25	60 - 25	70 - 25	80 - 25	80 - 25
	Max. Height	m	15 / 10 *1	15 / 10 *1	15 / 10 *1	15 / 10 *1	15	15	15
Guaranteed Operating Range [Outdoor]		Cooling °C	-10 - 46						
		Heating °C	-15 - 24						

Maximum Piping Length (Total Length)						
Model	30m	40m	50m	60m	70m	80m
MXZ-2F52VF-A1	✓					
MXZ-2F52VGD-A1		✓				
MXZ-3F54VGD-A1			✓			
MXZ-4F71VGD-A1				✓		
MXZ-4F80VGD-A1					✓	
MXZ-5F100VGD-A1						✓
MXZ-6F120VGD-A1						✓

#### Rating Conditions:

Cooling: Indoor 27°C, D.B./19°C, W.B. Outdoor 35°C, D.B./24°C, W.B.

Heating: Indoor 20°C, D.B./15°C, W.B. Outdoor 7°C, D.B./6°C, W.B.

\*1 If the outdoor unit is installed higher than the indoor unit, maximum height is reduced to 10m.



# Product Specifications Outdoor Units

Series		PUMY-SP (Single Fan)						
Outdoor Unit		PUMY-SP80 VKMD-A	PUMY-SP80 YKMD-A	PUMY-SP112 VKMD-A	PUMY-SP112 YKMD-A	PUMY-SP125 VKMD-A	PUMY-SP125 YKMD-A	
Power Source		VKMD: 1-phase 220-230-240 V, 50 Hz; 1-phase 220 V, 60 Hz YKMD: 3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz						
Cooling Capacity [Nominal]*1	kW	9.0		12.5		14.0		
	Power Input kW	2.11		3.10		3.84		
	Current Input A	9.79 - 9.36 - 8.97	3.37 - 3.21 - 3.09	14.38 - 13.75 - 13.18	4.96 - 4.71 - 4.54	17.81 - 17.04 - 16.33	6.14 - 5.83 - 5.62	
	EER kW	4.27		4.03		3.65		
	AEER kW	3.35		3.31		3.29 *3		
Temp. Range of Cooling	Indoor W.B.	15.0 ~ 24.0°C						
	Outdoor D.B.	-5.0 ~ 52.0°C *3 *4 *5						
Heating Capacity [Nominal]*2	kW	10.0		14.0		16.0		
	Power Input kW	2.27		3.17		3.90		
	Current Input A	10.53 - 10.07 - 9.65	3.63 - 3.45 - 3.32	14.70 - 14.06 - 13.48	5.07 - 4.82 - 4.64	18.09 - 17.30 - 16.58	6.24 - 5.93 - 5.71	
	COP kW	4.41		4.42		4.10		
	ACOP kW	3.62		3.72		3.56		
Temp. Range of Heating	Indoor W.B.	15 ~ 27°C						
	Outdoor D.B.	-20 ~ 15°C						
Indoor Unit Connectable	Total Capacity	50% to 130% of outdoor unit capacity						
	Model / Quantity	P10-P100/9		P15-P140/9		P15-P140/10		
Sound Pressure Level [Measured in Anechoic Room]	dB	51/54		52/54		53/56		
	Refrigerant Piping Diameter	Liquid Pipe mm (in.)	9.52 (3/8) Flare					
	Gas Pipe mm (in.)	15.88 (5/8) Flare						
Fan	Type X Quantity	Propeller fan x 1						
	Air Flow Rate	m <sup>3</sup> /min	75		77		83	
		L/s	1250		1283		1383	
		cfm	2649		2719		2931	
	Control, Driving Mechanism	DC control						
Motor Output kW	0.20 x 1							
Compressor	Type X Quantity	Twin rotary hermetic compressor x 1						
	Manufacturer	Mitsubishi Electric Corporation						
	Starting Method	Inverter						
	Motor Output kW	2.1		3.1		3.5		
	Lubricant	FV50S (1.4 litre)						
External Finish	Galvanised steel sheet munsell no. 3Y 7.8/1.1							
External Dimension [HxWxD]	mm	981 x 1050 x 330 (+25)						
Protection Devices	High Pressure Protection	High pressure switch						
	Inverter Circuit [COMP./FAN]	Overcurrent detection, overheat detection (heat sink thermistor)						
	Compressor	Compressor thermistor, overcurrent detection						
	Fan Motor	Overheating, voltage protection						
Refrigerant	Type X Original Charge	R410A x 3.5 kg						
	Control	Electronic expansion valve						
Net Weight	kg	93 *5 *6		94 *7		93 *6, 94 *7		
Heat Exchanger	Cross fin and copper tube							
HIC Circuit [HIC: Heat Inter-Changer]	HIC circuit							
Defrosting Method	Reversed refrigerant circuit							
Optional Parts	Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E							

## Remarks:

\*1, \*2 Nominal conditions.

	Indoor	Outdoor	Pipe Length	Level Difference	External Static Pressure (Outdoor Unit)
Cooling	27°C DB/19°C WB	35°C DB	7.5m	0m	0Pa
Heating	20°C DB	7°C DB/6°C WB			

\*3 MEPS Part load.

\*4 10 to 52: When connecting following models: PKFY-P15/20/25VBM, PKFY-P10/15/20/25/32VLM, PFFY-P20/25/32VLE(R)M, PFFY-P20/25/32VKM, and M Series, S Series and P Series type indoor unit with branch box, M Series type indoor unit with connection kit.

\*5 -15 to 52: When using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the indoor unit listed in \*4.

\*6 94 (207): For PUMY-SP80/112/125/140VKMD.TH-A-BS. \*6 93 and PUMYSP112/125/140VKMD.TH-A-BS.

\*7 95 (209): For PUMY-SP112/125/140YKMD.TH-A-BS.

## Notes:

- Nominal conditions \*1, \*2 are subject to ISO 15042.
- Due to continuing improvement, above specifications may be subject to change without notice.

Series			PUMY-SP (Single Fan)		PUMY-P (Twin Fan)
Outdoor Unit			PUMY-SP140VKMD-A	PUMY-SP140YKMD-A	PUMY-P200YKMD-A
Power Source			VKMD: 1-phase 220-230-240 V, 50 Hz; 1-phase 220 V, 60 Hz YKMD: 3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz		
Cooling Capacity [Nominal]*1		kW	15.5		22.4
	Power Input	kW	4.38		6.22
	Current Input	A	20.32 - 19.43 - 18.62	7.00 - 6.65 - 6.41	10.16 - 9.65 - 9.30
	EER	kW	3.54		3.60
	AEER	kW	3.40 *3		3.17
Temp. Range of Cooling	Indoor	W.B.	15.0 ~ 24.0°C		
	Outdoor	D.B.	-5.0 ~ 52.0°C *4 *5		
Heating Capacity [Nominal]*2		kW	16.5	16.5	25.0
	Power Input	kW	4.02		6.0
	Current Input	A	18.65 - 17.83 - 17.09	6.24 - 5.93 - 5.71	9.80 - 9.31 - 8.98
	COP	kW	4.10		4.17
	ACOP	kW	3.55		3.78
Temp. Range of Heating	Indoor	W.B.	15 ~ 27°C		
	Outdoor	D.B.	-20 ~ 15°C		
Indoor Unit Connectable	Total Capacity		50% to 130% of outdoor unit capacity		
	Model / Quantity		P15-P140/12		P15-P200/12
Sound Pressure Level [Measured in Anechoic Room]	dB	54/56		57/61	
Refrigerant Piping Diameter	Liquid Pipe	mm (in.)	9.52 (3/8) Flare *8		
	Gas Pipe	mm (in.)	15.88 (5/8) Flare	19.05 (3/4) Flare	
Fan	Type X Quantity		Propeller fan x 1		Propeller fan x 2
	Air Flow Rate	m <sup>3</sup> /min	83	120	134
		L/s	1383	2000	2233
		cfm	2931	4237	4732
	Control, Driving Mechanism		DC control		
Motor Output	kW	0.20 x 1		0.20 + 0.20	
Compressor	Type X Quantity		Twin rotary hermetic compressor x 1		Scroll hermetic compressor x 1
	Manufacturer		Mitsubishi Electric Corporation		
	Starting Method		Inverter		
	Motor Output	kW	3.7	5.3	
External Finish			Galvanised steel sheet munsell No. 3Y 7.8/1.1		
External Dimension [HxWxD]		mm	981 x 1050 x 330 (+25)	1338 x 1050 x 330 (+25)	
Protection Devices	High Pressure Protection		High pressure switch		
	Inverter Circuit [COMP./FAN]		Overcurrent detection, overheat detection (heat sink thermistor)		
	Compressor		Compressor thermistor, overcurrent detection		
	Fan Motor		Overheating, voltage protection		
Refrigerant	Type X Original Charge		R410A x 4.8kg	R410A x 7.3kg	
	Control		Electronic expansion valve		Linear expansion valve
Net Weight	kg	93 *6	94 *7	138 *9	
Heat Exchanger			Cross fin and copper tube		
HIC Circuit [HIC: Heat Inter-Changer]			HIC circuit		
Defrosting Method			Reversed refrigerant circuit		
Optional Parts			Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E		

**Remarks:**

\*1, \*2 Nominal conditions.

	Indoor	Outdoor	Pipe Length	Level Difference	External Static Pressure (Outdoor Unit)
Cooling	27°C DB/19°C WB	35°C DB	7.5m	0m	0Pa
Heating	20°C DB	7°C DB/6°C WB			

\*3 MEPS Part load.

\*4 10 to 52: When connecting following models: PKFY-P15/20/25VBM,PKFY-P10/15/20/25/32VLM, PFFY-P20/25/32VLE(R)M, PFFY-P20/25/32VKM, and M Series, S Series, and P Series type indoor unit with branch box, M Series type indoor unit with connection kit.

\*5 -15 to 52: When using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the indoor unit listed in \*4.

\*6 94 (207): For PUMY-SP80/112/125/140VKMD.TH-A-BS.\*6 93 and PUMY-SP112/125/140VKMD. TH-A-BS.

\*7 95 (209): For PUMY-SP112/125/140YKMD.TH-A-BS.

\*8 Liquid pipe diameter: 12.7mm, when further piping length is longer than 60m, or the farthest length of the main pipe between the outdoor unit and the branch box is longer than 20m in the branch box system.

\*9 139(306): For PUMY-P200YKMD-A-BS.

**Notes:**

1. Nominal conditions \*1, \*2 are subject to ISO 15042.

2. Due to continuing improvement, above specifications may be subject to change without notice.

# Optional Parts Indoor Units

		Anti-Allergy Enzyme Filter		Electrostatic Anti-Allergy Enzyme Filter		Deodorising Filter	High-Efficiency Filter Element				Filter Box		Soft-Dry Cloth	3D I-See Sensor Corner Panel		Shutter Plate	Multi-Functional Casement	Outside-Air Intake Duct Flange	Space Panel	Drain Pump						
		MAC-408FT-E	MAC-2350FT-E	MAC-2310FT	MAC-2320FT	MAC-3010FT-E	PAC-SH59KF-E	PAC-SH88KF-E	PAC-SH89KF-E	PAC-SH90KF-E	PAC-KE93TB-E	PAC-KE94TB-E	MAC-1001CL-E	PAC-SF1ME-E	PAC-SF1ME-E	PAC-SJ37SP-E	PAC-SJ41TM-E	PAC-SH65OF-E	PAC-SF28OF-E	PAC-SJ65AS-E	PAC-SJ92DM-E	PAC-SJ93DM-E	PAC-SJ94DM-E	PAC-KE07DM-E		
M Series	Wall Mounted	MSZ-LN25VG(V)(B)(R)				●						●														
		MSZ-LN35VG(V)(B)(R)					●						●													
		MSZ-LN50VG(V)(B)(R)					●						●													
		MSZ-LN60VG(V)(B)(R)					●						●													
		MSZ-EF22VG (W/B/S) -A1				●							●													
		MSZ-EF25VG (W/B/S) -A1				●							●													
		MSZ-EF35VG (W/B/S) -A1				●							●													
		MSZ-EF42VG (W/B/S) -A1				●							●													
		MSZ-EF50VG (W/B/S) -A1				●							●													
		MSZ-AP22VG(K)D	●			●																				
		MSZ-AP25VG(K)D	●			●																				
		MSZ-AP35VG(K)D	●			●																				
		MSZ-AP42VG(K)D	●			●																				
		MSZ-AP50VG(K)D	●			●																				
		MSZ-AP60VG(K)D		●	●																					
		MSZ-AP71VG(K)D		●	●																					
		MSZ-AP80VG(K)D		●	●																					
Floor Standing	MFXZ-KW25VG	●			●																					
	MFXZ-KW35VG	●			●																					
	MFXZ-KW50VG	●			●																					
Ceiling Cassette	MLZ-KP25VF	●			●																					
	MLZ-KP35VF	●			●																					
	MLZ-KP50VF	●			●																					
S Series	Ceiling Cassette	SLZ-M25FA-A												●												
		SLZ-M35FA-A												●												
		SLZ-M50FA-A												●												
		SLZ-M60FA-A												●												
	Ceiling Concealed	SEZ-M25DA(L)																						●		
		SEZ-M35DA(L)																						●		
		SEZ-M50DA(L)																						●		
																						●				
																						●				
P Series	Ceiling Cassette	PLA-M71EA-A					●							●	●	●	●		●							
		PLA-M100EA-A					●							●	●	●	●	●		●						
		PLA-M125EA-A					●							●	●	●	●	●		●						
		PLA-M140EA-A					●							●	●	●	●	●		●						
	Ceiling Suspended	PCA-M50KA							●												●					
		PCA-M60KA								●														●		
		PCA-M71KA									●													●		
		PCA-M100KA										●												●		
	Ceiling Concealed	PEAD-M71JAA(D)																							●	
PEAD-M100JAA(D)																								●		

				Decorative Cover		System Control Interface		MA & Contact Terminal Interface		Wi-Fi Interface		Connector Cable		Power Supply Terminal Kit			Wired Remote Controller		Wireless Remote Controller						
				PAC-SF81KC-E	MAC-334IF-E	MAC-397IF-E	MAC-568IF-E	MAC-1702RA-E	MAC-1710RA-E	PAC-SG96HR-E	PAC-SG97HR-E	PAC-SJ39HR-E	PAR-40MAA	PAC-YT52CRA	PAR-SL97A-E	PAR-SL100A-E	PAR-SA9CA-E	PAR-SF9FA	PAR-SE9FA-E	PAR-SL94B-E	PAR-SE41TS-E	PAC-SE55RA-E	PAC-SF40RM-E	PAC-SA88HA-E	
													Contoller	Signal Sender	Wireless Remote Controller	Signal Receiver	Controller Kit (Sender & Receiver)	Remote Sensor	Remote On/Off Adapter	Connector Cable for Remote Display					
M Series	Wall Mounted	MSZ-LN25VG(V)(B)(R)		●	●		●	●				●*2	●*2												
		MSZ-LN35VG(V)(B)(R)		●	●		●	●					●*2	●*2											
		MSZ-LN50VG(V)(B)(R)		●	●		●	●					●*2	●*2											
		MSZ-LN60VG(V)(B)(R)		●	●		●	●					●*2	●*2											
		MSZ-EF22VG (W/B/S) -A1		●	●	●							●*2	●*2											
		MSZ-EF25VG (W/B/S) -A1		●	●	●							●*2	●*2											
		MSZ-EF35VG (W/B/S) -A1		●	●	●							●*2	●*2											
		MSZ-EF42VG (W/B/S) -A1		●	●	●							●*2	●*2											
		MSZ-EF50VG (W/B/S) -A1		●	●	●							●*2	●*2											
		MSZ-AP22VG(K)D		●	●	●	●	●					●*2	●*2											
		MSZ-AP25VG(K)D		●	●	●	●	●					●*2	●*2											
		MSZ-AP35VG(K)D		●	●	●	●	●					●*2	●*2											
		MSZ-AP42VG(K)D		●	●	●	●	●					●*2	●*2											
		MSZ-AP50VG(K)D		●	●	●	●	●					●*2	●*2											
		MSZ-AP60VG(K)D		●	●	●	●	●					●*2	●*2											
		MSZ-AP71VG(K)D		●	●	●	●	●					●*2	●*2											
MSZ-AP80VG(K)D		●	●	●	●	●					●*2	●*2													
Floor Standing	MFZX-KW25VG		●	●	●							●*2	●*2												
	MFZX-KW35VG		●	●	●							●*2	●*2												
	MFZX-KW50VG		●	●	●							●*2	●*2												
Ceiling Cassette	MLZ-KP25VF		●	●	●							●*2	●*2												
	MLZ-KP35VF		●	●	●							●*2	●*2												
	MLZ-KP50VF		●	●	●							●*2	●*2												
S Series	Ceiling Cassette	SLZ-M25FA-A		●	●	●						●	●	●	●*5	●			●	●	●*6	●			
		SLZ-M35FA-A		●	●	●							●	●	●	●*5	●		●	●	●*6	●			
		SLZ-M50FA-A		●	●	●							●	●	●	●*5	●		●	●	●*6	●			
	Ceiling Concealed	SEZ-M25DA(L)		●	●	●							●*3	●*3	●	●	●		●	●	●*6	●			
		SEZ-M35DA(L)		●	●	●							●*3	●*3	●	●	●		●	●	●*6	●			
		SEZ-M50DA(L)		●	●	●							●*3	●*3	●	●	●		●	●	●*6	●			
		SEZ-M60DA(L)		●	●	●							●*3	●*3	●	●	●		●	●	●*6	●			
		SEZ-M71DA(L)		●	●	●							●*3	●*3	●	●	●		●	●	●*6	●			
P Series	Ceiling Cassette	PLA-M71EA-A		●*1	●*1	●						●	●	●	●	●*5		●	●	●	●*6	●			
		PLA-M100EA-A				●					●	●	●	●	●	●*5		●	●	●	●*6	●			
	Ceiling Suspended	PCA-M50KA		●*1	●*1	●			●				●	●	●				●	●	●	●*6	●		
		PCA-M60KA		●*1	●*1	●			●				●	●	●				●	●	●	●*6	●		
		PCA-M71KA		●*1	●*1	●			●				●	●	●				●	●	●	●*6	●		
		PCA-M100KA				●			●				●	●	●				●	●	●	●*6	●		
	Ceiling Concealed	PEAD-M71JAA(D)		●*1	●*1	●			●				●	●	●				●	●	●	●*6	●		
PEAD-M100JAA(D)					●			●				●	●	●				●	●	●	●*6	●			

\*1 P Series indoor units can be used in combination with SUZ or MXZ outdoor units.  
\*2 MAC-334IF-E or MAC-397IF-E is required.

\*3 Excluding SEZ-VAL.  
\*4 PAC-SH29TC-E is required.

\*5 Group control cannot be used.  
\*6 Unable to use with wireless remote controller.

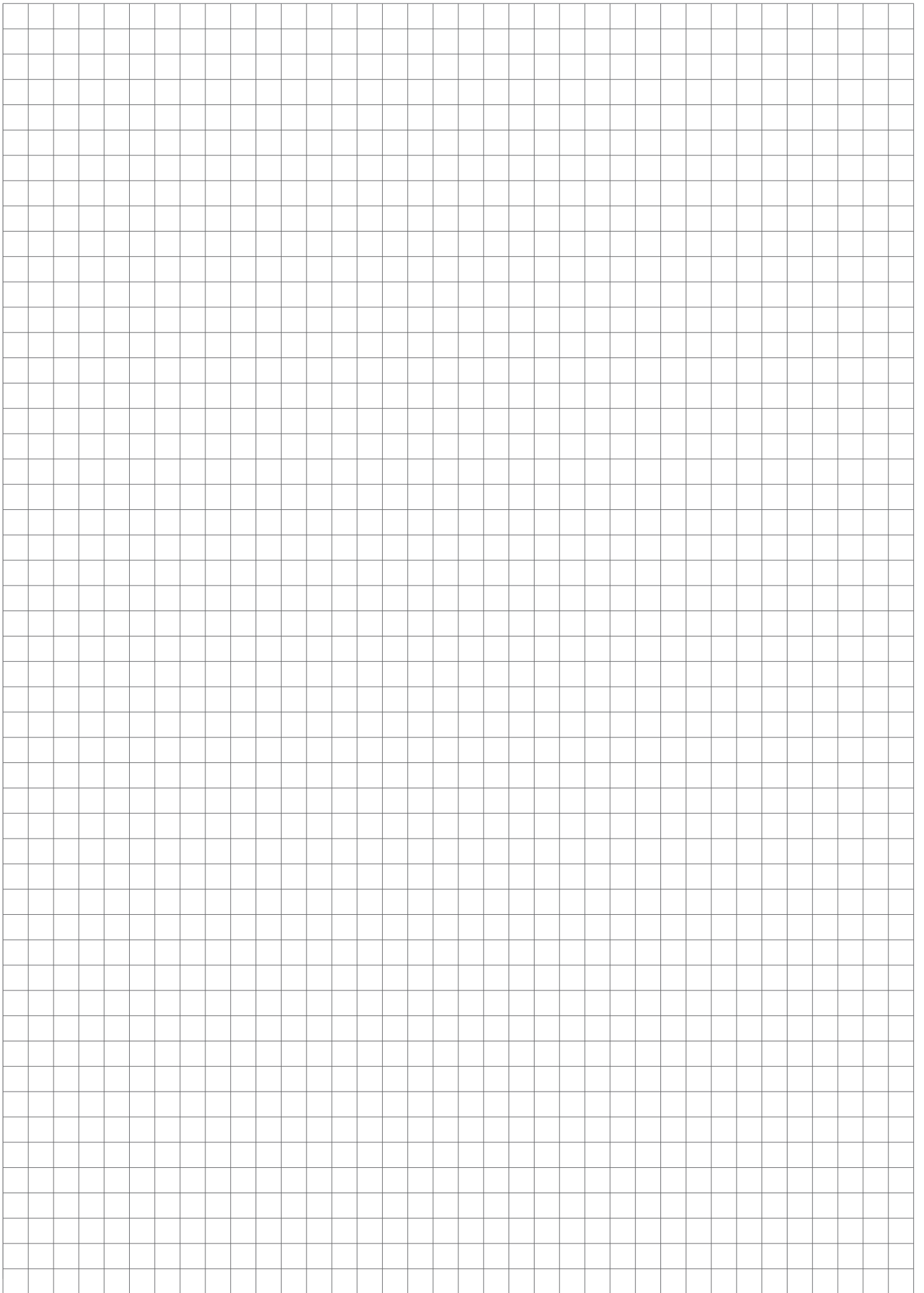


# Optional Parts Outdoor Units

	Joint Pipe					Air Outlet Guide	Drain Socket			
	Unit Ø9.52 → Pipe Ø15.88	Unit Ø6.35 → Pipe Ø9.52	Unit Ø9.52 → Pipe Ø12.70	Unit Ø12.70 → Pipe Ø9.52	Unit Ø12.70 → Pipe Ø15.88					
	Flare									
	PAC-SG76RJ-E	PAC-493PI	MAC-A454 JP-E	MAC-A455JP-E	MAC-A456JP-E			MAC-889SG	MAC-856SG	PAC-SG59 SG-E
MXZ Series	MXZ-2F52VF-A1			●			●			
	MXZ-2F52VGD-A1			●				●		
	MXZ-3F54VGD-A1			●				●		
	MXZ-4F71VGD-A1	●	●	●	●	●		●		
	MXZ-4F80VGD-A1	●	●	●	●	●			●	●
	MXZ-5F100VGD-A1	●	●	●	●	●			●	●
	MXZ-6F120VGD-A1	●	●	●	●	●			●	●

	Joint Pipe					Branch Box Outdoor Cover	Air Outlet Guide	Air Protection Guide	2 Branch Pipe (Joint)	Drain Socket
	Unit Ø9.52 → Pipe Ø15.88	Unit Ø6.35 → Pipe Ø9.52	Unit Ø9.52 → Pipe Ø12.70	Unit Ø12.70 → Pipe Ø9.52	Unit Ø12.70 → Pipe Ø15.88					
	Flare									
	PAC-SG76RJ-E	PAC-493PI	MAC-A454 JP-E	MAC-A455JP-E	MAC-A456JP-E					
PUMY Series	PUMY-SP80V(Y)KMD						●	●	●	●
	PUMY-SP112V(Y)KMD						●	●	●	●
	PUMY-SP125V(Y)KMD						●	●	●	●
	PUMY-SP140V(Y)KMD						●	●	●	●
	PUMY-P200YKMD						●	●	●	●
	PAC-MK33BC	●	●	●	●	●	●			
	PAC-MK53BC	●	●	●	●	●	●			

The products of Mitsubishi Electric Australia come with guarantees, additional to this Warranty, that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.





See website for full Terms and Conditions

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Products in this brochure contain refrigerant R32 and R410A. Please refer to the specifications before installation and servicing of these products. The purchaser must ensure that the person and/or companies are suitably licensed and experienced are permitted to install, service and repair the air conditioners. Suitable access for warranty and service is required. Specifications, designs and other content appearing in this brochure is current at the time of printing, and is subject to change without notice. Images are representational for illustration purposes. Printed: September 2021.

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