

# Multi Split Systems

MXZ & PUMY Series



## **Changes for the Better**

Mitsubishi Electric has been an integral part of Australian households for more than 50 years, providing high-quality, innovative products.

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

MITSUBISHI ELECTRIC #ALifeMoreElectric



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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 living situations

### 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

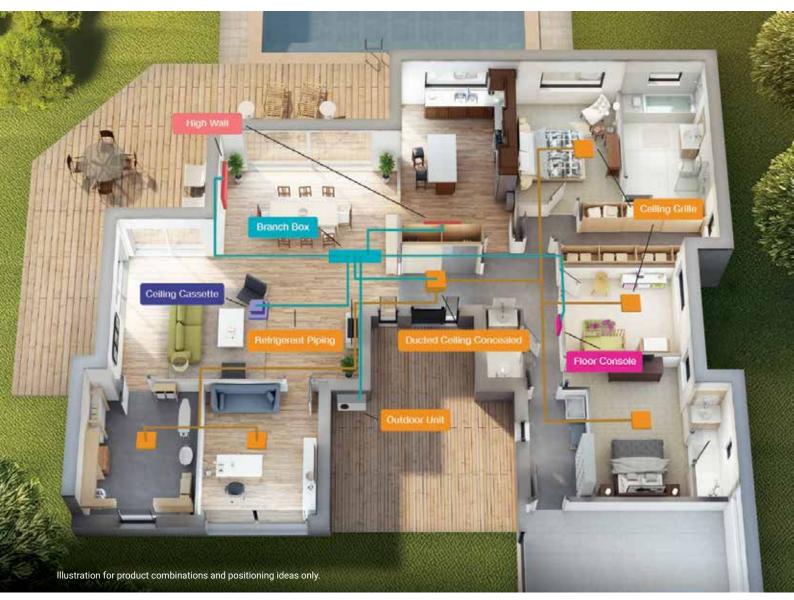
Mitsubishi Electric air conditioners deliver reliable performance year in, year out. When used in residential applications, Mitsubishi Electric air conditioners are covered by a full 5 year parts and labour warranty.







### TECHNOLOGY



## Why Multi Split?

## The Total Home Solution

Multi Split Systems are the ideal cooling/heating solution for each room with just a single outdoor unit.

It gives you the freedom to select the indoor model best suited to each room in your home, catering to your comfort and unique requirements, without cluttering the exterior.

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

### Details

- Only one outdoor unit
- Energy efficient
- Choose from High Walls, Floor Consoles, Ducted or Cassettes
- 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

Home owners can select multiple indoor air conditioner models, and have 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.

### 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.

### **Keep Your Exterior Clutter-Free**

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.

### **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<sup>\*</sup>, which will greatly please both you and your neighbours.

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

### 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 size are only indicative. Air conditioning systems must be sized for a

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

## **Indoor Units**

### **MSZ-LN Series**

### Capacity Range: 2.5/3.5/5.0kW

- 🕑 Built-In Wi-Fi ✓ Quiet 19dBA Noise Level (LN25) ⊘ Plasma Quad Plus Filter ⊘ 3D i-see Sensor ⊘ Dual Split Vane Technology Oual Barrier Coating **MSZ-EF** Series Capacity Range: 2.2/2.5/3.5/4.2/5.0kW ⊘ Built-In Weekly Timer ✓ Wi-Fi Control<sup>\*1</sup> ⊘ Nano Platinum Filter ✓ Quiet 21dBA Noise Level in 'Quiet Mode' (EF22/25/35) O Appealing design matches any room décor **MSZ-AP Series** Capacity Range: 1.5/2.0/2.5/3.5/4.2/5.0/6.0\*3/7.1\*3/8.0\*3kW Oual Barrier Coating ⊘ Long Airflow Operation (AP60/71/80) ⊘ Quiet 18dBA Noise Level ✓ Wi-Fi Control<sup>\*1</sup> (AP25 in heating mode) Built-In Anti-Allergy ⊘ Electrostatic Anti-Allergy Enzyme Filter\*2 Enzyme Filter (Optional)\*2 **MFXZ-KW** Series Capacity Range: 2.5/3.5/5.0kW Simple & Flat Design ✓ Wi-Fi Control<sup>\*1</sup> ⊘ Nano Platinum Filter O Built-In Installation Capability ⊘ Multi-Flow Vane (Optimum ⊘ Built-In Weekly Timer Air Distribution) MLZ-KP Series Capacity Range: 2.5/3.5/5.0kW ✓ Slim Body
- O Horizontal Airflow

\*2 Excludes MSZ-AP15-20.

⊘ Multi-Flow Vane (Optimum Air Distribution)

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

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

- Auto Vane Control
- O Built-In Weekly Timer
- ✓ Wi-Fi Control<sup>\*1</sup>

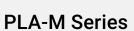


### **SLZ-M Series**

### Capacity Range: 2.5/3.5/5.0kW

- ⊘ Outside-Air Intake
   ⊘ Wi-Fi Control<sup>\*1</sup>
- WI-FI CONTON
- ⊘ 3D i-see Sensor (Optional)

## l) ceiling installation



- ⊘ Outside-Air Intake
- ⊘ 3D i-see Sensor (Optional)
- ✓ Wi-Fi Control<sup>\*1</sup>
- ⊘ High/Low Ceiling Modes

O Unit height of only 235mm

⊘ Compact 2ft x 2ft size for



Capacity Range: 7.1\*2/10.0\*2kW

## **PCA-M Series**

#### ⊘ Stylish Unit Design

- ⊘ Outside-Air Intake
- ⊘ High/Low Ceiling Modes
- 32dBA Noise Level (M50)
   Wi-Fi Control\*1



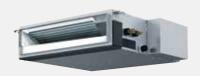
Capacity Range: 2.5/3.5/5.0/6.0/7.1kW

Capacity Range: 5.0\*2/6.0\*2/7.1\*2/10.0\*2kW

⊘ Compact Design

**SEZ-M Series** 

- ⊘ Three fan speeds and four static pressure levels
- ⊘ Wi-Fi Control<sup>\*1</sup>
- 🕗 Unit height of only 200mm



## **PEAD-M Series**

⊘ Compact Design

⊘ 30dBA Noise Level in 'Low Mode' (71)

- C Lighter Weight
- ⊘ Wi-Fi Control\*1

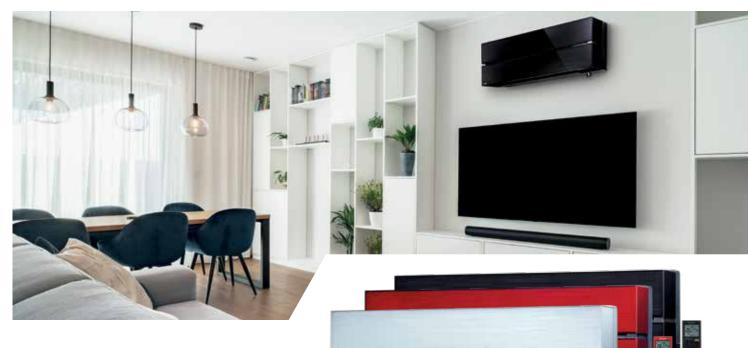


Capacity Range: 5.0/6.0/7.1/10.0\*2kW

\*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.

### **RANGE | INDOOR UNITS**



## **MSZ-LN Series**

## Indoor Unit

The LN Series is a great accompaniment for the contemporary home, blending efficiency with a sleek and ultra modern design. With a range of deep, rich colours, like pearl white, ruby red and onyx black, the LN Series is premium and stylish.



### 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>



### 3D î-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 e.g. when cooling the room, if the middle of the room is detected to be hotter, more airflow is directed towards it. Eliminating unnecessary heating/cooling.



### Built-In Wi-Fi\*2 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.



### **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.

Capacity Range: 2.5/3.5/5.0kW

### **General Specifications**

Unit Dimensions (mm): 890 (W) x 233 (D) x 307 (H) Available Colours: Pearl White, Ruby Red, Onyx Black Additional Features:

- » Direct/Indirect Airflow
- » Dual Barrier Coating
- » Natural Flow
- » Absence Detection

\*1 Testing Standard JEM1467:2015.

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



## **MSZ-EF Series**

## **Indoor Unit**

The streamlined wall mounted indoor units have contemporary clean lines, expressing sophistication and quality, in a modern design. Available in 3 stylish colours natural white, matte silver and glossy black to provide the best match scenario for diverse interior designs.



### 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>



### Wi-Fi Control Optional\*3

Unlock the door to smarter heating and cooling systems, for total home comfort. Connecting 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.



### Quiet Operation

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



### i-Save Mode

"i-Save" is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice in repetition to immediately return to the previous temperature setting.

Capacity Range: 2.2/2.5/3.5/4.2/5.0 kW

### **General Specifications**

**Unit Dimensions (mm):** 895 (W) x 195 (D) x 299 (H) Available Colours: Natural White, Matte Silver, Glossy Black Additional Features:

- » R32 refrigerant
- » Built-In Weekly Timer
- » 7 day programmable controller
- » Plasma Quad Connect Filter (Optional)

\*2 Testing Standard JIS L190

\*3 Optional Wi-Fi adapter required per unit. Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.

<sup>\*1</sup> Models MSZ-EF25/35 only.

### **RANGE | INDOOR UNITS**



## **MSZ-AP Series**

### **Indoor Unit**

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**

The 'Quiet Mode' fan speed setting ensures super quiet operation. Perfect for the bedroom; it's so quiet you'll check to see if it's on.

The MSZ-AP25 can achieve 18dBA\*1 for heating mode only.



### **Dual Barrier Coating**

The advanced Dual Barrier Coating on the heat exchanger and facial surfaces reduce 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.



### 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.



## Wide and Long Airflow (AP6.0/7.1/8.0)

The wide and long airflow function is especially beneficial for large spaces, helping to ensure that air is well circulated and reaches every corner of the room.

### **General Specifications**

Unit Dimensions (mm): 760 (W) x 178 (D) x 250 (H) (AP20) 798 (W) x 219 (D) x 299 (H) (AP25-50) 1,100 (W) x 257 (D) x 325 (H) (AP60-80)

\*1 Model MSZ-AP25 in heating mode only

\*2 Excludes MSZ-AP15-20.

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

Capacity Range: 1.5/2.0/2.5/3.5/4.2/5.0/6.0\*3/7.1\*3/8.0\*3kW

Available Colours: Natural White

Additional Features:

- » Wi-Fi Control (Optional)\*4
- » Inverter Technology
- » Blue Fin Condenser
- » Demand Response Capable
- » R32 Refrigerant

\*4 Optional Wi-Fi adapter required per unit. Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.



## **Indoor Unit**

Our floor consoles are a great renovation option with their slimline design, 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

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**

Rapid Heating Technology ensures the perfect room temperate is reached, much faster. 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

Provides improved air distribution from the upper and lower air outlets, resulting in a comfortable and even temperature throughout the room. Three uniquely shaped vanes control the airflow and allow the freedom to customise comfort according to preferences.



### Nano Platinum Feature

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

Capacity Range: 2.5/3.5/5.0kW

### **General Specifications**

**Unit Dimensions (mm):** 750 (W) x 215 (D) x 600 (H) Available Colours: Pure White Additional Features:

- » Quiet Operation (models 25/35), 19dB Heating (models 25/35)
- » i-Save Mode
- » Wi-Fi Control (Optional)\*1

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

\*2 Testing Standard JIS L1902.

<sup>\*1</sup> Optional Wi-Fi adapter required per unit.

### **RANGE | INDOOR UNITS**



## **MLZ-KP** Series

### **Ceiling Cassette**

Offering a sleek and slim appearance and compact design without sacrificing performance, blending seamlessly into home aesthetics.



### 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 for 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.

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### **Horizontal Airflow**

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

### **General Specifications**

Unit Dimensions (mm): 1,102 (W) x 360 (D) x 185mm (H) Available Colours: Natural White Capacity Range: 2.5/3.5/5.0kW

Additional Features:

- » Anti-Allergy Enzyme Filter (Optional)
- » Built-in drain pump
- » Wi-Fi Control (Optional)\*1

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

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



## **SLZ-M Series**

## **Ceiling Compact Cassette**

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.



### 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.



### **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.

### **General Specifications**

**Unit Dimensions (mm):** 570 (W) x 570 (D) x 245 (H) Available Colours: Pure White

### Air Cleaning Filter

This built-in filter reduces dust and other particulates, helping keep 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.



### **Horizontal Airflow**

Horizontal mode spreads airflow across the ceiling to help reduce that uncomfortable drafty feeling usually associated with ceiling cassette air conditioners.

Capacity Range: 2.5/3.5/5.0kW

Additional Features:

- » Fresh Air intake
- » Built-In Drain Pump
- » Wi-Fi Control (Optional)\*1

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

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

### **RANGE | INDOOR UNITS**



## **SEZ-M Series**

### Bulkhead

Our concealed-ceiling unit has a reduced installation space height with impressively quiet operation. Comfort for living spaces, offices, restaurants and shops.



### **Impressively Quiet**

With the sound of rustling leaves measuring at 20dB<sup>\*1</sup>, the Mitsubishi Electric SEZ-M Series (25/35 models) offers impressively quiet operation at a hushed 23dB<sup>\*2</sup>; ensuring a calm and comfortable environment.



### Discreet Design

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.



### 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.

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### **Easy Installation**

The Mitsubishi Electric compact design requires minimal space with a height of only 200mm, ideal for installation in buildings with lower ceilings.

Capacity Range: 2.5/3.5/5.0/6.0/7.1kW

### **General Specifications**

Unit Height (mm): 200 (H)

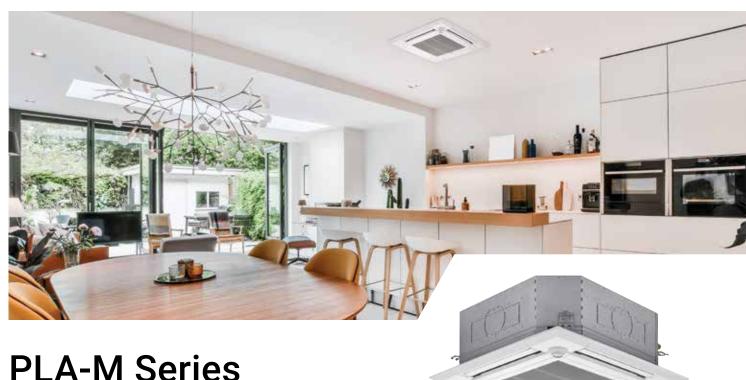
External Static Pressure: 5/15/35/50Pa

» Wi-Fi Control (Optional)\*3

Additional Features:

- » Optional M-NET Connection
- » Error Logs
- \*1 The sound level for SEZ is measured in an anechoic chamber.
- \*2 Source: NSW EPA.

\*3 Optional Wi-Fi adapter required per unit. Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.



## Ceiling Cassette

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.



### **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.



### Horizontal Airflow

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



### Wide Airflow

These ceiling cassettes have the capacity to circulate air evenly throughout a room, through the use of wide-angle outlets. Achieving a 20% reduction in horizontal airflow and fan speed, when compared to conventional models, increasing the comfort experienced by occupants.



### Plasma Quad Connect Optional

A secondary air purifying filter that connects to your air conditioner. Plasma Quad technology significantly improves indoor air quality by inhibiting six key indoor pollutants; Influenza virus, bacteria, PM2.5, allergens, mould and dust.

Capacity Range: 7.1/10.0kW\*

### **General Specifications**

**Unit Dimensions (mm):** 840 (W) x 840 (D) x 258 (H) Available Colours: Natural White Additional Features:

- » Automatic grille lowering down to 4m (Optional)
- » Built-In Drain Pump

#### **RANGE | INDOOR UNITS**



## **PCA-M Series**

### **Ceiling Suspended**

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.



### Wi-Fi Control Optional\*2

Unlock the door to smarter heating and cooling systems, for total home comfort. Connecting 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.



### High & 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.



### 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.



### **Outside Air Intake**

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

### **General Specifications**

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)

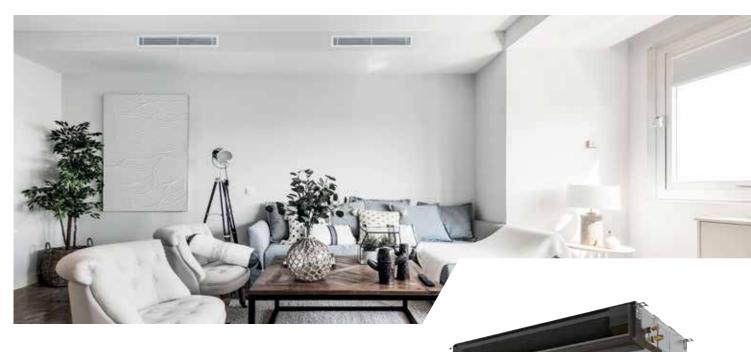
Available Colours: Natural White

Capacity Range: 5.0/6.0/7.1/10.0kW\*1

- Designed For: » Schools
- » Shops
- » Restaurants

\*2 Optional Wi-Fi adapter required per unit. Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.

<sup>\*1</sup> PCA-M50-100 are only connectable to PUMY outdoor units.



## **PEAD-M Series**

## Low Profile Mid-Static Ceiling Concealed

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



### 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>.



### **Compact Design**

Installation in low ceilings with little clearance space is made possible by the PEAD Series' height of 250mm. Its variable airflow settings allow you to establish the function to best fit various room configurations. The distance between the lower surface of the indoor unit main body and the drainage pump lift is 700mm. As low as 250mm, this is the answer for low ceiling spaces.

### **General Specifications**

Unit Height (mm): 250 (H)

- Additional Features:
- » Lightweight for ease of installation
- » Built-in condensate pump

\*3 PEAD-M100 are only connectable to PUMY outdoor units.

\*4 Application dependent on site conditions.

Capacity Range: 5.0/6.0/7.1/10.0kW\*3

### **TECHNOLOGY | OUTDOOR UNITS**



## **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\*1

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.

\*1 Please contact your local dealer for details. \*2 This feature is available on all MXZ and 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.

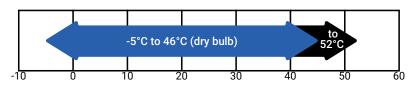
\*Excludes MXZ-2F52VF. \*This requires an additional adapter from your power provider and is installed in accordance with AS/NZS 4755.3.1:2014.



### **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  $-5^{\circ}$ C to  $46^{\circ}$ C/52°C\*. This means your air conditioner will continue to operate when you need it most.

\*46°C MXZ Series and 52°C PUMY Series.



Outdoor unit air intake temperature for cooling (°C)

### **RANGE | OUTDOOR UNITS**



## **MXZ** Series

2-Port





MXZ-4F71VGD-A1

4/5-Port

MX7-4E80VGD-A1

MXZ-5F100VGD-A1

6-Port

MXZ-6F120VGD-A1

**Outdoor Unit** 

Connect multiple indoor units to a single outdoor unit. Diverse range of indoor units to suit the specific layout and design requirements for a building.



### **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.



### **General Specifications**

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.



## **PUMY Series**

**Outdoor Unit** 



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\*2

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



### **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\*3

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



### **General Specifications**

### **Guaranteed Operating Range:**

-10°C to 46°C (Cooling), -5°C (-15°C<sup>\*1</sup>) to 24°C (Heating)

Capacity Range: 9.0/12.5/14.0/15.5/22.4/28.0/33.5kW

Single and Three Phase (P200/250/300 three phase only)

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

\*2 Capacity reduction differs by mode setting. PAC-SC36NA-E is required to activate Quiet Mode.

\*3 Refer to installation manual for more details.

## 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																				
	Wall Mounted								oor iding	Ceiling Cassette			Ceiling Concealed							
Model	MSZ	Z-LN	MSZ-EF		MSZ	Z-AP		MFX	Z-KW	SL	Z-M	ML	Z-KP		SEZ-M		PEAD-M		I	
Capacities	25/35	50	22/25/35/42/50	15/20/25/35/42/50	60	71	80	25/35	50	25/35	50	25/35	50	25/35	50	60	71	50	60	71
MXZ-2F52VF-A1	•		•	•				•		•		٠		•						
MXZ-2F52VGD-A1	•		•	٠				•		•		٠		•						
MXZ-3F54VGD-A1	•	•	•	•				•	•	•	•	•	•	•	•			•		
MXZ-4F71VGD-A1	•	•	•	•	•			•	•	•	•	٠	•	•	•	•		•	٠	
MXZ-4F80VGD-A1	•	•	•	•	•	•		•	•	٠	•	٠	•	•	•	•	•	•	٠	•
MXZ-5F100VGD-A1	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
MXZ-6F120VGD-A1	•	•	•	٠	•	•	•	•	•	٠	•	•	•	•	•	•	•	•	•	•

PUMY Series																						
	Wall Mounted				Floor Ceiling Cassette					Ceiling Suspended			Ceiling Concealed									
Model	MSZ	Z-LN	MSZ-EF	MSZ-AP	MFX	Z-KW	SL	Z-M	PL	A-M	ML	Z-KP		PC	A-M		SEZ-M			PEAD-M		
Capacities	25/35	50	22/25/35/42/50	15/20/25/35/42/50	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)KMD2-A	•	•	•	•	•	٠	•	•	•		•	•	•	•	•		•	•	•	•	•	
PUMY-SP112V(Y)KMD2-A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PUMY-SP125V(Y)KMD2-A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PUMY-SP140V(Y)KMD2-A	•	•	•	•	•	•	٠	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	•
PUMY-P200YKMD2-A	•	•	•	•	•	٠	٠	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	•
PUMY-P250YBMD-A.TH	•	٠	•	•	•	٠	٠	٠	٠	•	•	•	٠	•	٠	•	•	•	•	٠	•	•
PUMY-P300YBMD-A.TH	٠	•	•	•	•	•	•	•	•	•	٠	•	٠	•	•	•	•	•	•	٠	•	•

### SELECTION

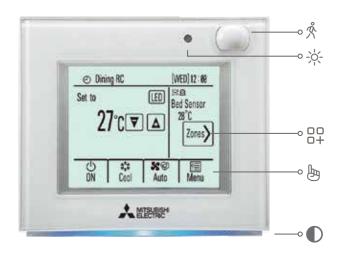
Step 1	Select Indoor Units											
Select the indoor unit to be installed in each room.												
Wall Mounted	Floor Standing	Ceiling Cassette	Ceiling Suspended	Ceiling Concealed								
MSZ-EF MSZ-EF	MFXZ-KW	SLZ-M FLA-M MLZ-KP	PCA-M	SEZ-M PEAD-M								

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(Y)KMD2-A         Branch Boxes'           PUMY-SP125V(Y)KMD2-A         PAC-MK34BC           PUMY-SP140V(Y)KMD2-A         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	РИМУ-Р200УКМД2-А РИМУ-Р250УВМД-А.ТН         Вranch Boxes' РАС-МКЗ4ВС           РИМУ-Р300УВМД-А.ТН         РАС-МК54ВС

 $^{\ast}\mbox{Branch}$  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.											
Refer to the Indoor Unit Compatibilities be used with the outdoor unit select	Check Indoor Units y Table (page 24) to check if the indoor units selected can sted. (Indoor units not listed in the table cannot be used.)	Check Indoor Units Capacity Combination 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.											





### Features:

### **外** Occupancy Sensor

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

### ☆ 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.

### Averaging Control Sensor

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

### **b** Touch Panel

A 4.3" easy to use touch panel with backlight.

## **Zone Controller**

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?

### LED Indicator

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

### 🕚 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.

### **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. Unoccupied spaces can be prevented from receiving airflow, reducing power consumption in unnecessary areas.

### **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-CT01MAA-PB

## 7 Day Wired Controller

PAR-41MAA

A large easy to read display with backlit LCD.

#### Features:

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



PAR-41MAA

## Handheld Controllers

PAR-SL97A-E | PAR-SL101A-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-SL101A-E only)



PAR-SL97A-E

PAR-SL101A-E

## **Control your Comfort**

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



### **Develop Operating Rules**

My Heat Pump

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.



### Voice Control

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





\*1 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. \*2 To use Amazon Alexa to control your air conditioner you will need an Amazon Alexa Echo device. \*3 To use Google Assistant to control your air conditioner you will need a Google Home Smart speaker.



#### Area Temperature Monitor

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.

### **Efficient Cooling**

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.



### 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
Ambient Temperature	35°C	35°C
Set Temperature	5°C	7℃
Perceived Temperature	30°C	29.3°C

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





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

### **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.



#### **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.



#### **Demand Function\***

With the 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.

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.

### SPECIFICATIONS | INDOOR UNITS

MSZ-LN Series (Wall Mounted)											
Indoor Un	it			MSZ-LN25VG2V/B/R-A3	MSZ-LN50VG3V/V/R-A1						
Fan Speec	l in the second s				Quiet-Lo-Mid-Hi-SHi-Auto						
	Airflow [min-max]	·max] L		lx] L/s		78 - 207	78 - 217	95 - 232			
Cooling Sound Pressure Lev [min-max]			dBA	19 - 42	19 - 43	27 - 46					
	Airflow [min-max] L/s			75 - 232	75 - 232	90 - 262					
Heating	Sound Pressure Level dBA			19 - 45	19 - 45	25 - 47					
		Height	mm	307	307	307					
Dimensior	ıs	Width	mm	890	890	890					
Depth		mm	233	233	233						
Weight			kg	15.5	15.5	16.0					
Pipe Size [Liquid/Gas] mm				ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52					

V: White, B: Black, R: Red

MSZ-EF	Series (Wall Mounte	ed)							
Indoor Uni	t			MSZ-EF22VGDW/B/S-A1	MSZ-EF25VGDW/B/S-A1	MSZ-EF35VGDW/B/S-A1	MSZ-EF42VGDW/B/S-A1	MSZ-EF50VGDW/B/S-A1	
Fan Speed						Quiet-Lo-Mid-Hi-SHi-Auto			
	Airflow [min-max]		L/s	67 - 175	67 - 175	67 - 175	97 - 187	97 - 188	
Cooling	Sound Pressure Leve [min-max]	el .	dBA	19 - 42	19 - 42	21 - 42	28 - 43	30 - 43	
	Airflow [min-max]		L/s	67 - 198	67 - 198	67 - 212	92 - 220	107 - 243	
Heating	Sound Pressure Leve [min-max]	Sound Pressure Level dBA			21 - 45	21 - 46	28 - 48	30 - 49	
		Height	mm	299	299	299	299	299	
Dimensior	ıs	Width	mm	885	885	885	885	885	
		Depth	mm	195	195	195	195	195	
Weight			kg	11.5	11.5	11.5	11.5	11.5	
Pipe Size	[Liquid/Gas]		mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	

W: White, B: Black, S: Silver

MSZ-AP	Series (Wall Mount	ed)										
Indoor Unit	t			MSZ-AP15 VGD-A1	MSZ-AP20 VGD-A1	MSZ-AP25 VGD2-A1	MSZ-AP35 VGD2-A1	MSZ-AP42 VGD2-A1	MSZ-AP50 VGD2-A1	MSZ-AP60 VGD2-A1	MSZ-AP71 VGD2-A1	MSZ-AP80 VGD2-A1
Fan Speed Quiet-Lo-Mid-Hi-SHi-Auto												
	Airflow [min-max]		L/s	58 - 107	58 - 115	82 - 205	82 - 223	90 - 223	100 - 258	157 - 315	160 - 310	160 - 342
Cooling	Sound Pressure Leve [min-max]	1	dBA	21 - 40	21 - 42	19 - 44	19 - 45	26 - 49	28 - 49	29 - 48	30 - 49	30 - 53
	Airflow [min-max]		L/s	62 - 113	62 - 122	82 - 190	82 - 215	88 - 233	93 - 268	180 - 338	170 - 320	170 - 320
Heating	Sound Pressure Leve [min-max]	l	dBA	21 - 40	21 - 42	18 - 42	19 - 45	26 - 46	28 - 48	30 - 48	30 - 51	30 - 51
		Height	mm	250	250	299	299	299	299	325	325	325
Dimension	s	Width	mm	760	760	798	798	798	798	1100	1100	1100
Depth mm			mm	178	178	219	219	219	219	257	257	257
Weight			kg	8.2	8.2	10.5	10.5	10.5	10.5	16.0	17.0	17.0
Pipe Size [	Liquid/Gas]		mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70	ø6.35/ø12.70	ø6.35/ø12.70	ø6.35/ø12.70

MFXZ-KV	V Series (Floor Stand	ding)				
Indoor Uni	t			MFXZ-KW25VG-A2	MFXZ-KW35VG-A2	MFXZ-KW50VG-A2
Fan Speed					Quiet-Lo-Mid-Hi-SHi-Auto	
	Airflow [min-max]		L/s	70 - 150	70 - 150	93 - 205
Cooling	Sound Pressure Level [min-max]		dBA	23 - 43	23 - 43	28 - 48
	Airflow [min-max]		L/s	70 - 162	70 - 162	100 - 233
Heating	Sound Pressure Level [min-max]		dBA	24 - 44	24 - 44	29 - 49
		Height	mm	600	600	600
Dimension	IS	Width	mm	750	750	750
Depth mm			mm	215	215	215
Neight			kg	14.5	14.5	14.5
Pipe Size [	Liquid/Gas]		mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70

SLZ-M S	eries (Ceiling Comp	act Casse	ette)			
Indoor Uni	it			SLZ-M25FA-A	SLZ-M35FA-A	SLZ-M50FA-A
Fan Speed					Lo-Mid-Hi	·
	Airflow [Lo-Mid-Hi]		L/s	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192
Cooling	Sound Pressure Leve [Lo-Mid-Hi]	əl	dBA	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39
	Airflow [Lo-Mid-Hi]		L/s	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192
Heating	Sound Pressure Leve [Lo-Mid-Hi]	el	dBA	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39
		Height	mm	245 (10)	245 (10)	245 (10)
Dimensior	ns (Panel)	Width	mm	570 (625)	570 (625)	570 (625)
		Depth	mm	570 (625)	570 (625)	570 (625)
Weight (Pa	anel)		kg	15 (3)	15 (3)	15 (3)
Pipe Size	[Liquid/Gas]		mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70

#### PLA-M Series (Ceiling Cassette)

	chies (coming cases	,			
Indoor Uni	it			PLA-M71EA2-A	PLA-M100EA2-A
Fan Speed	l i			Lo-Mid2	-Mid1-Hi
		L/s	267 - 350	317 - 483	
Cooling	Sound Pressure Leve [min-max]	1	dBA	28 - 34	31 - 40
	Airflow [min-max]		L/s	267 - 350	317 - 483
Heating	Sound Pressure Leve [min-max]	1	dBA	28 - 34	31 - 40
		Height	mm	258 (40)	298 (40)
Dimensior	ns (Panel)	Width	mm	840 (950)	840 (950)
Depth mm		mm	840 (950)	840 (950)	
Weight (Pa	Weight (Panel) kg		kg	21 (5)	24 (5)
Pipe Size	Pipe Size [Liquid/Gas] mm			ø9.52/ø15.88	ø9.52/ø15.88

MLZ-KP	Series (Ceiling Cass	ette)				
Indoor Uni	t			MLZ-KP25VG-A1	MLZ-KP35VG-A1	MLZ-KP50VG-A1
Fan Speed					Quiet-Lo-Mid-Hi	-
	Airflow [min-max]		L/s	100 - 147	100 - 157	100 - 190
Cooling	Sound Pressure Leve [min-max]		dBA	27 - 38	27 - 40	29 - 47
	Airflow [min-max]		L/s	100 - 153	100 - 165	100 - 197
Heating	Sound Pressure Leve [min-max]		dBA	26 - 37	26 - 40	26 - 48
		Height	mm	185 (24)	185 (24)	185 (24)
Dimensior	ns (Panel)	Width	mm	1102 (1200)	1102 (1200)	1102 (1200)
		Depth	mm	360 (424)	360 (424)	360 (424)
Weight (Pa	anel)		kg	15.5 (3.5)	15.5 (3.5)	15.5 (3.5)
Pipe Size	[Liquid/Gas]		mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70

PCA-M S	Series (Ceiling Suspe	nded)										
Indoor Uni	it			PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2					
an Speed					Lo-Mid2-Mid1-Hi							
	Airflow [min-max]		L/s	167 - 250	250 - 317	267 - 333	367 - 467					
Cooling	Sound Pressure Level [min-max]		dBA	32 - 40	33 - 40	35 - 41	37 - 43					
	Airflow [min-max]		L/s	167 - 250	250 - 317	267 - 333	367 - 467					
leating	Sound Pressure Level [min-max]		dBA	32 - 40	33 - 40	35 - 41	37 - 43					
		Height	mm	230	230	230	230					
imensior	ıs	Width	mm	960	1280	1280	1600					
Depth mm		680	680	680	680							
Weight kg				26	32	32	37					
Pipe Size [Liquid/Gas] mm				ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88					

No remote controller included.

SEZ-M S	eries (Bulkhead)											
Indoor Un	it			SEZ-M25DA (L)	SEZ-M35DA (L)	SEZ-M50DA (L)	SEZ-M60DA (L)	SEZ-M71DA (L)				
Fan Speed	1			Lo-Mid-Hi								
	Airflow [min-max]		L/s	92 - 150	117 - 183	167 - 250	200 - 300	200 - 333				
Cooling Sound Pressure Level [min-max] @ 5 Pa			dBA	22 - 29	23 - 33	29 - 36	29 - 37	29 - 39				
	Airflow [min-max]		L/s	92 - 150	117 - 183	167 - 250	200 - 300	200 - 333				
Heating	Sound Pressure Level [min-max] @ 5 Pa		dBA	22 - 29	23 - 33	29 - 36	29 - 37	29 - 39				
Static Pre	ssure		Pa	5/15/35/50	5/15/35/50	5/15/35/50	5/15/35/50	5/15/35/50				
		Height	mm	200	200	200	200	200				
Dimensio	ıs	Width	mm	790	990	990	1190	1190				
Depth mm		700	700	700	700	700						
Weight			kg	17.5	21.0	22.0	25.5	25.5				
Pipe Size	[Liquid/Gas]		mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88				

SEZ-M DA: No remote controller included. SEZ-M DAL: Equipped with a wireless remote controller.

PEAD-M	Series (Ceiling Cond	cealed)									
Indoor Uni	it			PEAD-M50JAAD	PEAD-M60JAAD	PEAD-M71JAAD	PEAD-M100JAAD				
an Speed				Lo-Mid-Hi							
Airflow [Lo-Mid-Hi]			L/s	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567				
Cooling	Sound Pressure Leve [Lo-Mid-Hi] @ 50 Pa			30 - 35 - 39	30 - 33 - 37	30 - 34 - 39	33 - 38 - 42				
	Airflow [Lo-Mid-Hi]		L/s	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567				
leating	Sound Pressure Leve [Lo-Mid-Hi] @ 50 Pa	I	dBA	30 - 35 - 39	30 - 33 - 37	30 - 34 - 39	33 - 38 - 42				
Static Pres	ssure		Pa	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125				
		Height	mm	250	250	250	250				
imensior	IS	Width	mm	900	1100	1100	1400				
		Depth	mm	732	732	732	732				
Veight kg		kg	27	30	30	39					
Return Air Spigot Size mm			mm	858 x 210	1058 x 210	1058 x 210	1358 x 210				
Supply Air Spigot Size mm			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	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.

### SPECIFICATIONS | OUTDOOR UNITS

MXZ Ser	ies												
Outdoor U	nit		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				
Refrigeran	ıt		R32										
Power Sup	oply (V, Phase, Hz)		220 V, single, 60 Hz / 230 V, single, 50 Hz										
	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				
Cooling	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	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	dBA	46	46	46	48	49	52	53				
	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				
Heating	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	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	dBA	50	50	50	54	51	56	57				
Max. Runr	ning Current	A	12.2	12.2	18	18	21.4	21.4	29.8				
Breaker Si	ze	A	15	15	25	25	25	25	32				
Dimension	ns [HxWxD]	mm	550 x 800 x 285	710 x 840 x 330	710 x 840 x 330	710 x 840 x 330	796 x 950 x 330	796 x 950 x 330	1048 x 950 x 330				
Weight		kg	37	57	58	59	61	62	87				
Pre-Charg	e Refrigerant	kg	1.0	2.4	2.4	2.4	2.4	2.4	2.4				
	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				
Piping	Max. Length [Total-Each]	m	30 - 20	40 - 20	50 - 25	60 - 25	70 - 25	80 - 25	80 - 25				
	Max. Height	m	15/10*	15/10*	15/10*	15/10*	15	15	15				
Guarantee	Guaranteed Operating Range [Outdoor]		-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46				
ouarantee	a operating hange [outdoor]	Heating °C W.B.	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24				

Maximum Piping L	ength (	Total Le	ngth)			
Model	30m	40m	50m	60m	70m	80m
MXZ-2F52VF-A1	1					
MXZ-2F52VGD-A1		1				
MXZ-3F54VGD-A1			1			
MXZ-4F71VGD-A1				1		
MXZ-4F80VGD-A1					1	
MXZ-5F100VGD-A1						1
MXZ-6F120VGD-A1						1

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

Outdoor U	nit			PUMY-SP80VKMD2-A	PUMY-SP112VKMD2-A	PUMY-SP125VKMD2-A	PUMY-SP140VKMD2-A	
Power Sou	Irce				VKMD2: 1-phase 220-230-240	V, 50 Hz; 1-phase 220 V, 60 Hz	1	
	Capacity [N	ominal]* <sup>1, 7</sup>	kW	9.0	12.5	14.0	15.5	
	Power Inpu		kW	2.11	3.10	3.84	4.31	
	Current Inp	ut	A	9.79 - 9.36 - 8.97	14.38 - 13.75 -13.18	17.81 -17.04 -16.33	19.99 - 19.12 - 18.32	
Cooling	EER			4.27	4.03	3.65	3.54	
	AEER			3.35	3.31	3.29	3.40	
	Temp.	Indoor	W.B.	15°C ~ 24°C	15°C ~ 24°C	15°C ~ 24°C	15°C ~ 24°C	
	Range	Outdoor	D.B.	-5°C ~ 52°C* <sup>3,4</sup>	-5°C ~ 52°C* <sup>3,4</sup>	-5°C ~ 52°C* <sup>3,4</sup>	-5°C ~ 52°C* <sup>3, 4</sup>	
	Capacity [N	ominal]* <sup>2, 8</sup>	kW	10.0	14.0	16.0	16.5	
	Power Inpu	1	kW	2.27	3.17	3.90	4.02	
	Current Inp	ut	A	10.53 -10.07 - 9.65	14.70 -14.06 -13.48	18.09 - 17.30 - 16.58	18.65 - 17.83 - 17.09	
Heating COP				4.41	4.42	4.10	4.10	
	ACOP			3.62	3.72	3.56	3.55	
	Temp. Indoor W.B.		W.B.	15°C ~ 27°C	15°C ~ 27°C	15°C ~ 27°C	15°C ~ 27°C	
	Range	Outdoor	D.B.	-20°C ~ 15°C	-20°C ~ 15°C	-20°C ~ 15°C	-20°C ~ 15°C	
ndoor Uni	t Connectable	Total Capacity			50% to 130% of ou	tdoor unit capacity		
naoor Uni	t Connectable	Model/Quantity		P10 - P100/9	P10 - P140/12	P10 - P140/12	P10 - P140/12	
Sound Pre	ssure Level [N	leasured in Anechoic Room]	dBA	51/54	52/54	53/56	54/56	
lining		Liquid/Gas	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
Piping		Piping Length	m	7.5	7.5	7.5	7.5	
		Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	
			m³/min	75	77/75	81/81	81/81	
		Airflow Rate	L/s	1250	1283/1250	1350/1383	1350/1383	
an			cfm	2649	2719	2931	2931	
		Control, Driving Mechanism		DC control	DC control	DC control	DC control	
		Motor Output	kW	0.20 x 1	0.20 x 1	0.20 x 1	0.20 x 1	
		External Static Pressure	Pa	0/30*5	0/30*5	0/30*5	0/30*5	
		Type x Quantity			Twin rotary herme	tic compressor x 1		
		Manufacturer			Mitsubishi Elec	tric Corporation	1	
Compress	or	Starting Method		Inverter	Inverter	Inverter	Inverter	
		Motor Output	kW	1.5	2.2	2.5	3.1	
		Lubricant		FV50S (1.4 litre)	FV50S (1.4 litre)	FV50S (1.4 litre)	FV50S (1.4 litre)	
External Fi	inish				Galvanised steel sheet	munsell no. 3Y 7.8/1.1	1	
External D	imension [HxV	/xD]	mm	981 x 1050 x 330 (+25)	981 x 1050 x 330 (+25)	981 x 1050 x 330 (+25)	981 x 1050 x 330 (+25)	
		High Pressure Protection		High pressure switch	High pressure switch	High pressure switch	High pressure switch	
Protection	Devices	Inverter Circuit [Comp./Fan]			Overcurrent detection, overheat	detection (heat sink thermistor)	)	
Toteotion	Democo	Compressor			Compressor thermisto	r, overcurrent detection		
		Fan Motor			Overheating, vo	ltage protection		
Pefrigerant Type x Original Charge				R410A x 3.5 kg	R410A x 3.5 kg	R410A x 3.5 kg	R410A x 3.5 kg	
geran		Control		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valv	
Net Weigh			kg	93*6	93*6	93*6	93*6	
leat Exch				Cross fin and copper tube	Cross fin and copper tube	Cross fin and copper tube	Cross fin and copper tub	
	t [HIC: Heat In	ter-Changer]		HIC circuit	HIC circuit	HIC circuit	HIC circuit	
Defrosting	Mothod			Reversed refrigerant circuit Reversed refrigerant circuit Reversed refrigerant circuit Reversed refrigerant circuit				

#### Notes:

\*1, \*2 Nominal conditions (subject to ISO 15042).
\*3 10°C to 52°C: when connecting following models: PEFY-P15/20/25/32/40VMX-E1, PKFY-P10/15/20/25/32VLM, PFFY-P20/25/32VLE(R)M, PFFY-P20/25/32VLKM, and M Series, S Series and P Series type indoor unit with branch box. \*4 -15°C to 52°C: when using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the indoor unit listed in \*3.

\*5 It is possible to set the External static pressure to 30 Pa by dip switch.

\*6 94 kg for PUMY-P80/112/125/140VKMD2-BS.

#### Rating Conditions:

\*7 Cooling: Indoor 27°C, D.B./19°C, W.B. Outdoor 35°C, D.B./24°C, W.B. \*8 Heating: Indoor 20°C, D.B./15°C, W.B. Outdoor 7°C, D.B./6°C, W.B.

		ingle Fan)							
Outdoor U	nit			PUMY-SP80YKMD2-A	PUMY-SP112YKMD2-A	PUMY-SP125YKMD2-A	PUMY-SP140YKMD2-A		
Power Sou	urce				YKMD2: 3-phase 380-400-415	V, 50 Hz; 3-phase 380 V, 60 Hz			
	Capacity [N	lominal]* <sup>1,7</sup>	kW	9.0	12.5	14.0	15.5		
	Power Inpu	ıt	kW	2.11	3.10	3.84	4.38		
	Current Inp	ıt A		3.37 - 3.21 - 3.09	4.96 - 4.71 -4.54	6.14 - 5.83 - 5.62	6.89 - 6.55 - 6.31		
Cooling	EER			4.27	4.03	3.65	3.60		
	AEER			3.35	3.31	3.29	3.40		
	Temp.	Indoor	W.B.	15°C ~ 24°C	15°C ~ 24°C	15°C ~ 24°C	15°C ~ 24°C		
	Range	Outdoor	D.B.	-5°C ~ 52°C* <sup>3, 4</sup>	-5°C ~ 52°C* <sup>3, 4</sup>	-5°C ~ 52°C* <sup>3,4</sup>	-5°C ~ 52°C* <sup>3,4</sup>		
	Capacity [N	lominal]* <sup>2, 8</sup>	kW	10.0	14.0	16.0	16.5		
	Power Inpu	ıt	kW	2.27	3.17	3.90	4.02		
		A	3.63 - 3.45 - 3.32	5.07 - 4.82 - 4.64	6.24 - 5.93 - 5.71	6.43 - 6.11 - 5.89			
			4.41	4.42	4.10	4.10			
	ACOP			3.62	3.72	3.56	3.55		
Temp. Indoor W.B.				15°C ~ 27°C	15°C ~ 27°C	15°C ~ 27°C	15°C ~ 27°C		
	Range	Outdoor	D.B.	-20°C ~ 15°C	-20°C ~ 15°C	-20°C ~ 15°C	-20°C ~ 15°C		
		Total Capacity			50% to 130% of ou	tdoor unit capacity			
ndoor Un	it Connectabl	e Model/Quantity		P10 - P100/9					
ound Pre	ssure Level [	Measured in Anechoic Room]	dBA	51/54	52/54	53/56	54/56		
		Liquid/Gas	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88		
Piping		Pipe Length	m	7.5	7.5	7.5	7.5		
		Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1		
			m³/min	75	77/75	81/83	120		
		Airflow Rate	L/s	1250	1283/1250	1350/1383	1350/1383		
an			cfm	2649	2719	2931	4237		
		Control, Driving Mechanism		DC control	DC control	DC control	DC control		
		Motor Output	kW	0.20 x 1	0.20 x 1	0.20 x 1	0.20 x 1		
		Type x Quantity							
		Manufacturer		Twin rotary hermetic compressor x 1 Mitsubishi Electric Corporation					
compress	or	Starting Method		Inverter	Inverter	Inverter	Inverter		
		Motor Output	kW	1.6	2.1	2.5	3.0		
xternal F	inish				Galvanised steel sheet		0.0		
	imension [Hx	[מצשי	mm	981 x 1050 x 330 (+25)	981 x 1050 x 330 (+25)	981 x 1050 x 330 (+25)	981 x 1050 x 330 (+25)		
.xternar b	intension [ns	High Pressure Protection		High pressure switch	High pressure switch	High pressure switch	High pressure switch		
		Inverter Circuit [Comp./Fan]		riigh pressure switch	Overcurrent detection, overheat	5	5		
Protection	Devices	Compressor			Compressor thermisto	/			
		Fan Motor			Overheating, vo				
	Type x Original Charge			R410A x 3.5 kg	R410A x 3.5 kg	R410A x 3.5 kg	R410A x 3.5 kg		
efrigerant Control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valv			
let Weigh	it .		kg	94*6	94*6	94*6	94*6		
Heat Exch			- end	Cross fin and copper tube	Cross fin and copper tube	Cross fin and copper tube	Cross fin and copper tub		
		nter-Changer]		HIC circuit	HIC circuit	HIC circuit	HIC circuit		
Defrosting									
	Parts			Reversed refrigerant circuit Reversed refrigerant circuit Reversed refrigerant circuit Accessed refrigerant circuit Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E					

#### Notes:

 \*1.\*2 Nominal conditions (subject to ISO 15042).
 \*3 10°C to 52°C: when connecting following models: PEFY-P15/20/25/32/40VMX-E1, 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.
 \*4 -15°C to 52°C: when using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the \*5 It is possible to set the External static pressure to 30 Pa by dip switch.
\*6 95 kg for PUMY-P80/112/125/140YKMD2-BS.

#### Rating Conditions:

\*7 Cooling: Indoor 27°C, D.B./19°C, W.B. Outdoor 35°C, D.B./24°C, W.B. \*8 Heating: Indoor 20°C, D.B./15°C, W.B. Outdoor 7°C, D.B./6°C, W.B.

Outdoor U	nit					PUMY-P200YKMD2-A	PUMY-P250YBMD-A	PUMY-P300YBMD-A			
Power Sou	Irce					YKMD2/YBM	 1D: 3-phase 380-400-415 V, 50 Hz; 3-phase	380 V 60 Hz			
01101 000	Capacity [No	ominal	<b>1</b> *1, 10		kW	22.4	28.0				
	Power Input		1		kW	6.22	6.83				
	Current Input				A	10.16 - 9.65 - 9.30	11.16 - 10.60 - 10.22/11.16				
cooling	EER				<b>A</b>	3.60	4.10				
		Indoo			W.B.	15°C ~ 24°C	15°C ~ 24°C				
	Temp. Range	Outdo			D.B.	-5°C ~ 52°C*3	-5°C ~ 52°C* <sup>4,5</sup>				
	Capacity [No				kW	25.0	31.5				
	Power Input		1		kW	6.00	6.06				
	Current Input A					9.80 - 9.31 - 8.98	9.90 - 9.41 - 9.07/9.90				
leating	COP				A						
		Indoo			W.B.	4.17	5.20				
	Temp. Range				D.B.	15°C ~ 27°C	15°C ~ 27°C				
		Outdo			р.в.	-20°C ~ 15°C	-20°C ~ 15°C				
			Capacity			50% to 130% of outdoor unit capacity	50% to 130% of outdoor unit capacity				
			TY MULTI			P15 - P200/12	P15 - P250/21				
		Br	anch Box			P15 - P100/8	P25 - P71/12				
Indoor Unit Connectable			Branch box	CITY MULT		P10 - P200/5	P15 - P250/16				
			1 unit	Branch box		P15 - P100/5	P25 - P71/5				
Indoor Unit Connectable				Total (Quar		10	21				
			Branch box	CITY MULTI Branch box		P10 - P200/3	P10 - P200/3 P15 - P250/11 P15 - P100/8 P25 - P71/10				
		ء <u>ق</u> ا	2 units	Diancii bux							
		//Quantit system		Total (Quar		11 N/A	21 P15 - P250/9				
		odel/Quantity ixed system	Branch box			N/A N/A	P25 - P71/12				
ound Pre iping [Liq an compress xternal Fi xternal D		lodel	3 units	Total (Quar		N/A	21				
ound Pre	ssure Level [M	<u>≥   ≥</u>	d in Anecho		dBA		57/61 59/60				
		casure			mm	Ø9.52*6/Ø19.05	ø9.52*7/ø22.20				
iping [Eid	[414/ 645]	Type	x Quantity			Propeller fan x 2	Propeller fan x 2				
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			m³/min	134	187 (cooling)/183 (heating)				
		Airflo	w Rate		L/s	2233	3117 (cooling)/3050 (heating)				
an			whate			4732	6603 (cooling)/6462 (heating)	( ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			
		Motor Output			cfm kW	0.20 + 0.20	0.375 x 2	( 0, ( 0,			
			nal Static Pre	accura	Pa	0.20 + 0.20	0/30*8				
			x Quantity	cooure	Pa	Scroll hermetic compressor x 1	Scroll hermetic compressor x 1				
omnress	or		ing Method		11.0	Inverter	Inverter	4.10 $15^{*C} \sim 24^{*C}$ 5 $-5^{*C} \sim 52^{*C^{*4.5}}$ $37.5$ $7.36$ 9.90 $12.02 \cdot 11.42 \cdot 11.01/12.02$ $5.10$ $15^{*C} \sim 27^{*C}$ $-20^{*C} \sim 15^{*C}$ $-20^{*C} \sim 15^{*C}$ init capacity $50\%$ to $130\%$ of outdoor unit capacity $50\%$ to $130\%$ of outdoor unit capacity $P25 \cdot P71/12$ $5$ $P15 \cdot P250/15$ $P25 \cdot P71/5$ $25$ $P15 \cdot P250/15$ $P25 \cdot P71/10$ $25$ $P15 \cdot P250/15$ $P25 \cdot P71/10$ $25$ $P15 \cdot P250/15$ $P25 \cdot P71/12$ $25$ $P15 \cdot P250/13$ $P25 - P71/12$ $25$ $0$ $912 \cdot 70/ø25 \cdot 40$ $2$ $Propeller fan x 2$ eating) $187$ (cooling)/197 (heating)           heating) $6603$ (cooling)/6956 (heating) $0.375 \times 2$ $0/30^{*6}$ essor x 1         Scroll hermetic compressor x 1           Inverter $7.23$ all no. 3Y 7.8/1.1         1662 x 1050 x 460 (+45)			
ompress	01		r Output		kW	4.07	6.30				
vternal Fi	inich		- output				alvanised steel sheet Munsell no. 3Y 7.8/1				
	imension [HxW	וחיי			mm	 1338 x 1050 x 330 (+25)	1662 x 1050 x 460 (+45)				
Atemar D			Pressure Pro	tection		High pressure switch	High pressure switch				
		<u> </u>	ter Circuit [C				It detection, Overheat detection (Heat sink	÷ .			
rotection	Devices			omp./rang				,			
			oressor				hermistor, Over current detection , Compre				
		Fan N				Overheating, voltage protection	Overheating, voltage protection				
efrigeran		Туре	x Original Ch	large		R410A x 7.3 kg	R410A x 9.3 kg	÷			
let Weigh					kg	138*9	192*8				
leat Exch		0				Cross fin and copper tube	Cross fin and copper tube				
	t [HIC: Heat Int	er-Cha	anger]			Double pipe heat exchanger	Double pipe heat exchanger				
efrosting	Method					Reversed refrigerant circuit	Reversed refrigerant circuit				
Optional P	arts			Air protecti		PAC-SH95AG-E	PAC-SK21AG-E				
				Air outlet g	uide	PAC-SH96SG-E	PAC-SK22SG-E	PAC-SK22SG-E			

#### Notes:

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

\*1, \*2 Nominal conditions (subject to ISO 15042).
 \*3 10°C to 52°C: when connecting following models: PKFY-P10/15/20/25/32VLM-E, PFFY-P20/25/32VKM, PFFY-P20/25/32VLEM, PFFY-P20/25/32VLRM(M), and M Series, S Series and P Series type indoor unit.
 \*4 10°C to 52°C: when connecting following models: PKFY-P15/20/25/32VLM, PFFY-P20/25/32VLKM, PFFY-P20/25/32VCM, PFFY-P20/25/32VLEM, PFFY-P50/63VMA3-E, and M Series and S Series type indoor unit.

\*5-15°C to 52°C: when using an optional air protect guide (PAC-SK21AG-E). However, this condition does not apply to the indoor unit listed in \*4.

\*6 Liquid pipe diameter: 12.7 mm, when further piping length is longer than 60 m, or the farthest length of main pipe between outdoor unit and branch box is longer than 20 m in branch box system. \*7 Liquid pipe diameter: 12.7 mm, when further piping length is longer than 90 m, and when PEFY-P200 or P250 is connected. \*8 It is possible to set the External static pressure to 30 Pa by dip switch.

\*9 139 kg for PUMY-P200YKMD2-A-BS. 194 kg for PUMY-P250/300YBMD-A-BS.

#### Rating Conditions:

\*10 Cooling: Indoor 27°C, D.B./19°C, W.B. Outdoor 35°C, D.B./24°C, W.B. \*11 Heating: Indoor 20°C, D.B./15°C, W.B. Outdoor 7°C, D.B./6°C, W.B.

Option		Anti-Alloren Enzemo Eilter		Electrostatic	Enzyme Filter	Deodorising Filter		High-Efficiency Filter	Element		Tike-e Doc	FIRE BOX	Soft-Dry Cloth	3D i-see Sensor	Corner Panel	Shutter Plate	Multi-Functional Casement	Outside-Air Intake Duct Flange	Space Panel					
1	ndoor l	Jnit	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-SE1ME-E	PAC-SJ37SP-E	PAC-SJ41TM-E	PAC-SH650F-E	PAC-SJ65AS-E	PAC-SJ92DM-E	PAC-SJ93DM-E	PAC-SJ94DM-E	PAC-KE07DM-E
		MSZ-LN25VG2V/B/R-A3					•							•										
		MSZ-LN35VG2V/B/R-A3					•							•										
		MSZ-LN50VG3V/B/R-A1					•							•										
		MSZ-EF22VGDW/B/S-A1				٠								•										
		MSZ-EF25VGDW/B/S-A1				•								•										
		MSZ-EF35VGDW/B/S-A1				•								•										
	-	MSZ-EF42VGDW/B/S-A1				٠								•										
	untec	MSZ-EF50VGDW/B/S-A1				•								•										
	Wall Mounted	MSZ-AP15VGD-A1																						
	Wa	MSZ-AP20VGD-A1																						
ries		MSZ-AP25VGD2-A1	•			•																		
M Series		MSZ-AP35VGD2-A1	•			•																		
		MSZ-AP42VGD2-A1																						
		MSZ-AP50VGD2-A1	•			•																		
		MSZ-AP60VGD2-A1		•	•																			
		MSZ-AP71VGD2-A1		•	•																			
	or ding	MSZ-AP80VGD2-A1		•	•																			
		MFXZ-KW25VG-A2	•			•																		
	Floor Standing	MFXZ-KW35VG-A2	•			•																		
		MFXZ-KW50VG-A2	•			•																		
	ette	MLZ-KP25VG-A1	•			•																		
	Ceiling Cassette	MLZ-KP35VG-A1	•			•																		
		MLZ-KP50VG-A1 SLZ-M25FA-A	•			•																		
	Ceiling Cassette	SLZ-M25FA-A													•									
	g Cas	SLZ-M35FA-A													-									
	Ceilin	SLZ-MOUFA-A													•									
S Series	Ĕ	SEZ-MOUFA-A SEZ-M25DA(L)												-	•									•
S Se	Ceiling Concealed	SEZ-M25DA(L)																						•
	once	SEZ-M50DA(L)																						•
	ling C	SEZ-M60DA(L)																						•
	Ceil	SEZ-M71DA(L)																						•
		PLA-M71EA2-A						•								•	•	•	•	•				
	ssett	PLA-M100EA2-A						•								•	•							
	Ceiling Cassette	PLA-M125EA2-A						•								•	•	•	•	•				$\square$
	Ceili	PLA-M140EA2-A						•								•	•	•	•	•				
s		PCA-M50KA2						-	•											-	•			$\left  - \right $
P Series	ng nded	PCA-M60KA2								•													•	
۵.	Ceiling Suspended	PCA-M71KA2								•										$\square$				
	Š	PCA-M100KA2									•													
	- 2	PEAD-M71JAAD										•												
	Ceiling Concealed																							
	00	PEAD-M100JAAD											•											

### **OPTIONAL PARTS | INDOOR UNITS**

Option			_	e							emote	oller		Wirele	ss Rem	ote Cor	ntroller					for
			System Control Interface	MA & Contact Terminal Interface	Wi-Fi Interface		Connector Cable		Power Supply Terminal Kit		Wired Remote		Signal Sender	Wireless Remote Controller		Signal Receiver		Controller Kit (Sender & Receiver)	Remote Sensor	Remote On/Off	Adapter	Connector Cable for Remote Display
				∠ Ter	\$		1				Controller		Sign			Signa		Cont (Sender				
	Indoor Unit		MAC-334IF-E	MAC-497IF-E	MAC-588IF-E	MAC-1702RA-E	MAC-1710RA-E	PAC-SG96HR-E	PAC-SG97HR-E	PAC-SJ39HR-E	PAR-41 MAA	PAC-YT52CRA	PAR-SL97A-E	PAR-SL101A-E	PAR-SA9CA-E	PAR-SF9FA	PAR-SE9FA-E	PAR-SL94B-E	PAC-SE42TS-E	PAC-SE55RA-E	PAC-SF40RM-E	PAC-SA88HA-E
		MSZ-LN25VG2V/B/R-A3	•	•		•	•				●* <sup>2</sup>	● <sup>*2</sup>										
		MSZ-LN35VG2V/B/R-A3	•	•		•	•				●* <sup>2</sup>	●* <sup>2</sup>										
		MSZ-LN50VG3V/B/R-A1	•	•		•	•				•* <sup>2</sup>	•* <sup>2</sup>										
		MSZ-EF22VGDW/B/S-A1	٠	•	•	•	•				●* <sup>2</sup>	●* <sup>2</sup>										
		MSZ-EF25VGDW/B/S-A1	٠	•	•	•	•				●* <sup>2</sup>	● <sup>*2</sup>										
		MSZ-EF35VGDW/B/S-A1	•	•	•	•	•				•* <sup>2</sup>	•* <sup>2</sup>										
		MSZ-EF42VGDW/B/S-A1	•	•	•	•	•				●* <sup>2</sup>	● <sup>*2</sup>										
	ited	MSZ-EF50VGDW/B/S-A1	٠	•	٠	٠	•				●* <sup>2</sup>	● <sup>*2</sup>										
	Wall Mounted	MSZ-AP15VGD-A1	•	•	•	•	•				•* <sup>2</sup>	•* <sup>2</sup>										
	Wall	MSZ-AP20VGD-A1	٠	•	•	•	•				•* <sup>2</sup>	•* <sup>2</sup>										
Ş		MSZ-AP25VGD2-A1	•	•	٠	٠	•				●* <sup>2</sup>	●* <sup>2</sup>										
M Series		MSZ-AP35VGD2-A1	•	•	•	•	•				●* <sup>2</sup>	●* <sup>2</sup>										
Σ		MSZ-AP42VGD2-A1	٠	•	٠	•	•				●* <sup>2</sup>	•* <sup>2</sup>										
		MSZ-AP50VGD2-A1	٠	•	٠	•	•				●* <sup>2</sup>	●* <sup>2</sup>										
		MSZ-AP60VGD2-A1	٠	•	٠	•	•				●* <sup>2</sup>	●* <sup>2</sup>										
		MSZ-AP71VGD2-A1	٠	•	٠	٠	•				•* <sup>2</sup>	•* <sup>2</sup>										
		MSZ-AP80VGD2-A1	٠	•	٠	•	•				●* <sup>2</sup>	•* <sup>2</sup>										
	ő	MFXZ-KW25VG-A2	٠	•	٠	٠	•				●* <sup>2</sup>	●* <sup>2</sup>										
	Floor Standing	MFXZ-KW35VG-A2	٠	•	٠	٠	•				●* <sup>2</sup>	•* <sup>2</sup>										
	5 - T	MFXZ-KW50VG-A2	٠	•	•	٠	•				•* <sup>2</sup>	•* <sup>2</sup>										
	e a	MLZ-KP25VG-A1	٠	•	٠	•	•				●* <sup>2</sup>	●* <sup>2</sup>										
	Ceiling Cassette	MLZ-KP35VG-A1	٠	•	•	٠	•				●* <sup>2</sup>	● <sup>*2</sup>										
	0.0	MLZ-KP50VG-A1	٠	•	٠	•	•				•* <sup>2</sup>	•* <sup>2</sup>										
	e a	SLZ-M25FA-A	•	•	٠						•	•	•	● <sup>*4</sup>		•			•	•	●* <sup>5</sup>	•
	Ceiling Cassette	SLZ-M35FA-A	•	•	٠						•	•	•	•* <sup>4</sup>		•			•	•	●* <sup>5</sup>	•
	0.0	SLZ-M50FA-A	٠	•	٠						•	•	•	•* <sup>4</sup>		•			•	•	●* <sup>5</sup>	•
S Series	p	SEZ-M25DA(L)	٠	•	٠						●* <sup>3</sup>	●* <sup>3</sup>	•		•				٠	•	●* <sup>5</sup>	•
N N	Ceiling Concealed	SEZ-M35DA(L)	٠	•	•						●* <sup>3</sup>	●* <sup>3</sup>	•		•				•	•	●* <sup>5</sup>	•
	g Con	SEZ-M50DA(L)	٠	•	•						●* <sup>3</sup>	●* <sup>3</sup>	•		•				•	•	● <sup>*5</sup>	•
	Seilin	SEZ-M60DA(L)	٠	•	٠						●* <sup>3</sup>	●* <sup>3</sup>			•				٠	•	●* <sup>5</sup>	•
		SEZ-M71DA(L)	٠	•	•						●* <sup>3</sup>	●* <sup>3</sup>	•		•				•	•	●* <sup>5</sup>	•
	Ceiling Cassette	PLA-M71EA2-A	● <sup>*1</sup>	•* <sup>1</sup>	٠					•	•	•	•	•* <sup>4</sup>			•		•	•	●* <sup>5</sup>	•
	Ceil	PLA-M100EA2-A	•* <sup>1</sup>	•* <sup>1</sup>	٠					٠	•	٠	•	•* <sup>4</sup>			•		٠	•	•* <sup>5</sup>	٠
		PCA-M50KA2	•* <sup>1</sup>	•* <sup>1</sup>	•			•			•	•	•					•	•	•	●* <sup>5</sup>	•
ies	Ceiling Suspended	PCA-M60KA2	●* <sup>1</sup>	•* <sup>1</sup>	•			•			•	•	•					•	•	•	●* <sup>5</sup>	•
P Series	Ceil	PCA-M71KA2	•* <sup>1</sup>	•* <sup>1</sup>	٠			٠			•	٠	•					•	٠	•	●* <sup>5</sup>	٠
	Š	PCA-M100KA2			•			•			•	٠	•					•	•	•	●* <sup>5</sup>	٠
	Ceiling Concealed	PEAD-M71JAAD	● <sup>*1</sup>	•* <sup>1</sup>	•				•		•	•	•		•				•	•	●* <sup>5</sup>	•
	Conc	PEAD-M100JAAD	•* <sup>1</sup>	•* <sup>1</sup>	•				•		•	•	•		•				•	•	● <sup>*5</sup>	•

\*1 P Series indoor units can be used in combination with SUZ or MXZ outdoor units. \*2 MAC-334IF-E or MAC-497IF-E is required.

\*3 Excluding SEZ-VAL. \*4 Group control cannot be used.

\*5 Unable to use with wireless remote controller.

### **OPTIONAL PARTS | OUTDOOR UNITS**

$\square$	<u></u>			Joint							
Option		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		Air Outl	Air Outlet Guide		
				Flare	-						
	Outdoor Unit	PAC- SG76RJ-E	PAC-493PI	MAC-A454 JP-E	MAC- A455JP-E	MAC- A456JP-E	MAC-881SG	MAC-856SG	PAC-SH96 SG-E	PAC-SG60 DS-E	
	MXZ-2F52VF-A1		•	•	•		•				
	MXZ-2F52VGD-A1		•	•	•			•			
ies	MXZ-3F54VGD-A1		•	•	•			•			
Z Series	MXZ-4F71VGD-A1	•	•	•	•	•		•			
MXZ	MXZ-4F80VGD-A1	•	•	•	•	•			•	•	
	MXZ-5F100VGD-A1	•	•	•	•	•			•	•	
	MXZ-6F120VGD-A1	•	•	•	•	•			•	•	

$\square$				Joint	Pipe									
	Option	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	Branch Box Outdoor Cover	Air Outlet Guide		Air Protection Guide		2 Branch Pipe (Joint)	Drain Socket	
				Flare										
	Outdoor Unit	PAC- SG76RJ-E	PAC- 493PI	MAC- A454JP-E	MAC- A455JP-E	MAC- A456JP-E	PAC-AK 350CVR-E	PAC- SH96SG-E	PAC- SK22SG-E	PAC- SH95SG-E	PAC- SK21AG-E	CMY-Y62- G-E	PAC-SG61 DS-E	
	PUMY-SP80V(Y)KMD2-A							•		•		•	•	
	PUMY-SP112V(Y)KMD2-A							•		•		•	•	
s	PUMY-SP125V(Y)KMD2-A							•		•		•	•	
Series	PUMY-SP140V(Y)KMD2-A							•		•		•	•	
PUMY	PUMY-P200YKMD2-A							•		•		•	•	
<u> </u>	PUMY-250/300YBMD-A								•		•			
	РАС-МК34ВС	•	•	•	•	•	•							
	PAC-MK54BC	•	•	•	•	•	•							

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