Why Choose Mitsubishi Electric?

Whether it’s consistent heating and cooling for the home or office, Mitsubishi Electric offers you state-of-the-art technology that is quiet, simple to use, reliable and above all energy efficient.

Mitsubishi Electric Inverter Multi-Split Systems fulfill the air conditioning needs of up to 8 rooms with a single outdoor unit. Perfect for apartments and two-storey homes.

MITUBISHI ELECTRIC

Space Savings
The Mitsubishi Electric Inverter Multi-split System is designed to allow several indoor units to be connected to a single outdoor unit. This enhances exterior aesthetics by reducing the number of outdoor units necessary, while also providing an easy and economical way of adding indoor units at any time.

Flexible Choice
Offering the ability to select up to 8 indoor units for a single outdoor unit, with the cooling capacities of outdoor units ranging from 5.2 to 15.5kW and an array of different models to suit specific applications. You will be hard pressed to find a better match for your building dimensions and comfort requirements.

Quiet Control
Comfort without the noise, based on smooth operation and innovative features such as automatic selection of low-noise mode when operation load is low. Choose a wall-mounted model to create a comfortable space where noise levels are at a level where soothing peace and quiet can be enjoyed.

Economical Operation
Efficient operation is achieved through heating/cooling only the desired space, cutting waste by preventing air conditioning of areas where it’s not needed. Using an individual air conditioner for each required space allows more economical performance. Combining this concept with the latest innovative inverter technologies, we are able to offer industry-leading levels of energy-efficient operation for both heating and cooling.
Comfortable and Energy-efficient

MXZ-6D120VA

An Ideal Match for Apartments
The air conditioning needs of an entire house or apartment (up to 6 rooms) can be met with one compact single-fan outdoor unit.

Optimum Comfort for up to 6 rooms with a Single Outdoor Unit
In addition to fitting into the same installation space as the MXZ-4C80 and MXZ-5D100 outdoor units, this powerful unit can manage the cooling/heating requirements of up to 6 rooms. The utilisation of a single fan has reduced constraints related to unit height as well. An improved cooling capacity of up to 13.5kW (MAX) makes it possible to accommodate diverse installation requests.

Significant Energy Savings
Cutting-edge inverter technologies achieve an impressively high Annual Energy Efficiency Ratio (AEER) of 3.18 and Annual Coefficient of Performance (ACOP) of 3.45.

A single outdoor unit for up to 8 rooms
MXZ-8B160VA

Mitsubishi Electric’s best Solution for Two Storey Homes
Powerful yet quiet, the new Power Multi is specially designed for use in typical Australian houses. Connecting with a 10kW indoor unit allows you to create an ideal environment in first floor, while you can stop operation in ground floor. Cool & heat in only necessary space to make your life much smarter than ever.

Significant Energy Savings
The Power Multi System is equipped with Mitsubishi Electric’s cutting-edge inverter technologies, achieving an impressively high Annual Energy Efficiency Ratio (AEER) of 3.06 and Annual Coefficient of Performance (ACOP) of 3.45.

*Only PLA-RP100BA and PEAD-RP100JAA
Inverter Technologies

Mitsubishi Electric inverters ensure superior performance including the optimum control of operation frequency. As a result, optimum power is applied in all cooling/heating ranges and maximum comfort is achieved while being energy efficient. That’s the Mitsubishi Electric promise.

Inverters - How do they work?

Inverters electronically control the electrical voltage, current and frequency of electrical devices such as the compressor motor in an air conditioner. They receive information from sensors monitoring operating conditions, and adjust the revolution speed of the compressor, which directly regulates air conditioner output. Optimum control of operation frequency results in energy efficiency and providing the most comfortable room environment.

Economic Operation

Impressively low operating cost is a key advantage of inverter air conditioners. We’ve combined advanced inverter technologies with cutting-edge electronics and mechanical technologies to achieve a synergistic effect that enables improvements in cooling/heating performance efficiency. Better performance and energy efficiency are the result.

True Comfort

Simple comparison of air conditioner operation control with and without an Inverter.

<table>
<thead>
<tr>
<th>Point 1: Quick &amp; Powerful</th>
<th>Point 2: Room Temperature Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increasing the compressor motor speed by controlling the operation frequency ensures powerful output at start-up and brings the room temperature to the comfort zone faster than units not equipped with an inverter. Hot rooms are cooled, and cold rooms are heated faster and more efficiently.</td>
<td>The compressor motor operating frequency and the change of room temperature are monitored to calculate the most efficient waveform to maintain the room temperature in the comfort zone. This eliminates the large temperature swings common with non-inverter systems, and guarantees a pleasant, comfortable environment.</td>
</tr>
</tbody>
</table>

Temperature (°C) | Cooling capacity (W) |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>4,000</td>
</tr>
<tr>
<td>55</td>
<td>3,500</td>
</tr>
<tr>
<td>50</td>
<td>3,000</td>
</tr>
<tr>
<td>45</td>
<td>2,500</td>
</tr>
<tr>
<td>40</td>
<td>2,000</td>
</tr>
<tr>
<td>35</td>
<td>1,500</td>
</tr>
<tr>
<td>30</td>
<td>1,000</td>
</tr>
<tr>
<td>25</td>
<td>500</td>
</tr>
</tbody>
</table>

Point 1: When room temperature is higher than the setting, capacity rises to quickly adjust the temperature to the original setting.

Point 2: When room temperature reaches the desired setting, capacity eases in order to maintain the set temperature level.

MORE ADVANTAGES WITH MITSUBISHI ELECTRIC

Reluctance DC Rotary Compressor

Powerful neodymium magnets are used in the rotor of the reluctance DC motor. More efficient operation is realised by strong magnetic and reluctance torques produced by the magnets.

Power Receiver and Twin LEV Control

Mitsubishi Electric has developed a power receiver and twin linear expansion valves (LEV) circuit that optimise compressor performance. This technology ensures optimum control in response to operating waveform and outdoor temperature. Operating efficiency has been enhanced by tailoring the system to the characteristics of R410A refrigerant.

Vector Wave ECO Inverter

This inverter monitors the varying compressor motor frequency and creates the most efficient waveform for the motor speed. As a result, operating efficiency in all speed ranges is improved. Less power is used and energy consumption reduced.

Grooved Piping

High-performance grooved piping is used in heat exchangers to increase the heat exchanging area.

Highly Efficient DC Scroll Compressor

Higher efficiency has been achieved by adding a frame compliance mechanism to the DC scroll compressor. The mechanism allows movement in the axial direction of the frame supporting the cradle scroll, thereby greatly reducing leakage and friction loss, and ensuring extremely high efficiency at all speeds.

DC Fan Motor

A highly efficient DC motor drives the fan of the outdoor unit. Efficiency is much higher than an equivalent AC motor.
**Selection**

**STEP 1  SELECT INDOOR UNITS**

Select the indoor unit to be installed in each room.

<table>
<thead>
<tr>
<th>Wall-mounted</th>
<th>Floor-standing</th>
<th>4-way ceiling cassette</th>
<th>Ceiling suspended</th>
<th>Ceiling concealed</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSZ-FH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-EF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFZ-KJ*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLZ-KA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCA-KA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLA-RP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEZ-KD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*When MFZ-KJ indoor unit(s) is connected to MXZ, please refer to the note on page 31.*

**STEP 2  SELECT OUTDOOR UNITS**

Select the best outdoor unit based on the number of indoor units and overall system capacity required.

<table>
<thead>
<tr>
<th>2-port</th>
<th>3-port</th>
<th>4-port</th>
<th>8-port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect up to 2 indoor units</td>
<td>Connect up to 3 indoor units</td>
<td>Connect up to 4 indoor units</td>
<td>Connect up to 8 indoor units*</td>
</tr>
<tr>
<td>MXZ-2D52VA</td>
<td>MXZ-3D64VA</td>
<td>MXZ-4D71VA</td>
<td>Outdoor Unit MXZ-8B160VA</td>
</tr>
<tr>
<td>Connect up to 5 indoor units</td>
<td>Connect up to 6 indoor units</td>
<td>Branch Boxes FAC-AK32BC FAC-AK53BC</td>
<td></td>
</tr>
<tr>
<td>MXZ-3D100VA</td>
<td>MXZ-2D120VA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Connection to indoor units requires an appropriate branch box (distribution piping is required when connecting two branch boxes).*

**STEP 3  CHECK SYSTEM COMPATIBILITY**

Possible combinations depends on the outdoor unit chosen. Please check the following points.

**CHECK INDOOR UNITS**

Refer to the Indoor Unit Compatibility Table to check if the indoor unit selected can be used with the outdoor unit selected.

(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.

---

**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 from 35 models of 5 types including wall-mounted, floor-standing, ceiling-concealed, 4-way ceiling-cassette and ceiling-suspended units.

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.

### Indoor Unit Compatibility Table

<table>
<thead>
<tr>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>MXZ-2D52VA</th>
<th>MXZ-3D64VA</th>
<th>MXZ-4D71VA</th>
<th>MXZ-5D100VA</th>
<th>MXZ-6D120VA</th>
<th>MXZ-7D140VA</th>
<th>MXZ-8B160VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>M series</td>
<td>Wall-mounted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-FH50VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-FH32VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-FH12VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-EP2VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-EP21VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-EP3VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-EP4VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-EP5VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE22VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE21VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE42VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE12VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE11VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE69VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE71VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE80VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor-standing</td>
<td>MFZ-KJ32VE</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>MFZ-KJ32VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFZ-KJ35VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFZ-KJ42VE</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSZ-GE91VA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S series</td>
<td>4-way Cassette</td>
<td>SLZ-KR35VAQJ</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLZ-KR35VAQJ</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLZ-KR45VAQJ</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceiling-concealed</td>
<td>SEZ-KD20VAQJ</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>SEZ-KD20VAQJ</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEZ-KD30VAQJ</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P series</td>
<td>4-way Cassette</td>
<td>PLA-RP66BA</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>PLA-RP66BA</td>
<td>√</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceiling-suspended</td>
<td>PCA-RPK6AQ</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCA-RPK6AQ</td>
<td></td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceiling-concealed</td>
<td>PEAD-RP71JAA</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>PEAD-RP100JAA</td>
<td></td>
<td></td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*When MFZ-KJ indoor unit(s) is connected to MXZ, please refer to the note on page 31.*
Indoor Unit Line-Up

MSZ-EF Series
Developed to complement modern interior room décor, MSZ-EF Series air conditioners are available in three colours specially chosen to blend in naturally wherever installed. The streamlined wall-mount indoor units have eloquent silver-bevelled edges, expressing sophistication and quality. Elegant, quiet and powerful, these air conditioners are the ideal answer, providing the best match scenario for interior design and maximum room comfort.

- Built-in Weekly Timer
- Appealing design matches any room décor
- Nano Platinum Filter
- Quiet 21dB noise level in ‘Quiet Mode’ (EF22/25/35)

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

MSZ-FH Series
- Quiet 20dB noise level (FH05)
- Plasma Duo Filter (FH25/35/50)
- 3D i-See Sensor
- Quick Clean body

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

MSZ-GE Series
- Quiet 19dB noise level (GE22/25/35)
- Nano Platinum Filter (GE60/71/80)
- Built-in Weekly Timer (GE60/71/80)
- Quick Clean body
- Catechin Filter (GE22-50)

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

MFZ-KJ Series
- Simple & Flat design
- Nano Platinum filter
- Built-in Weekly Timer
- Multi-flow Vane (optimum air distribution)
- Trouble-free installation & maintenance

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

SLZ Series
- Fresh-air intake
- Unit height of only 335mm

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

PLA Series
- 73 airflow patterns
- 3D i-See Sensor (optimal corner panel)
- Fresh-air intake
- High/Low ceiling modes

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

SEZ Series
- Compact Design
- Unit Height of only 200mm

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

PEAD Series
- Compact
- Lighter weight
- 30dB noise level in ‘Low Mode’ (71)

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

PCA-KA Series
- Stylish unit design
- Fresh-air intake
- 30dB noise level
- High/Low ceiling modes

<table>
<thead>
<tr>
<th>2.2kW</th>
<th>2.5kW</th>
<th>3.5kW</th>
<th>4.2kW</th>
<th>5.0kW</th>
<th>6.0kW</th>
<th>7.1kW</th>
<th>8.0kW</th>
<th>10.0kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
FH Series

The new FH series is the culmination of our air-cleaning, motion-sensor and airflow technologies and represent our efforts to create an air conditioner that put No.1 Priority on healthy living.

EF Series

The Streamlined wall-mounted indoor units have eloquent beveled edges, expressing sophistication and quality. Available in 3 stylish colours classic white, matte silver and glossy black to provide the best match scenario for diverse interior designs while simultaneously ensuring maximum room and energy savings.

Absence Detection
Econo Cool
Auto Vane
Anti-Mould Filter
Pure White
Compact
24 Hour Timer
Auto Restart
Quick Clean
Weekly Timer
Auto Change Over
Natural Flow
Operating Temperature
Cooling at -10°C ~ -46°C
Heating at -15°C ~ 24°C
Vertical & Horizontal Swing
Auto Change Over
3D i-See Sensor
Direct/Indirect Airflow
8 x 94 areas
Stylish Design
Developed to complement modern interior room decor, MSZ-EF Series is available in three colours glossy black, matte silver and classic white. Specially chosen to blend in naturally wherever installed.

Plasma Filter
The Plasma Filter System is an advanced, multi-stage filtration system designed to effectively neutralise contaminants such as allergens, viruses and bacteria ensuring the circulation of fresh, clean air back into the room.

Indirect / Direct 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.

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 upwards, downwards or to the side.

Platinum Filter
The Nano Platinum Deodorising Filter reduces airborne bacteria while improving air quality. The optional Electro Static Anti-Allergy Enzyme Filter effectively combats common allergens.

Electrostatic Anti-Allergy Enzyme Filter
24 Hour Timer
Weekly Timer
Self Diagnosis
Auto Change Over

3D i-See Sensor

8 × 94 areas

Vertical & Horizontal Swing

Wi-Fi Control
Unlock the door to smarter cooling and heating for total home comfort. You can control and monitor your air conditioner from anywhere anytime via your smartphone, tablet or online account. Additional adapter MAC-558IF-E required per unit.
GE Series

The MSZ-GE units provide excellent energy-savings and operation is impressively quiet. A vast series line-up is ready to ensure comfortable room environments in response to your air conditioning needs.

Quiet Operation
A “Quiet Mode” setting has been added to the fan speed settings, ensuring super quiet operation below 19dB for model sizes 36 and under. Perfect for the bedroom; it’s so quiet you’ll check to see if it’s on.

Econo Cool
- Auto Vane
- Vertical Swing
- Wide, Long & Powerful
- Pure White

Nano Platinum Filter
- Auto Change Over
- Weekly Timer 60/70/80
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Electrostatic Anti-Allergy Filter
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
-24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Auto Restart
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Self Diagnosis
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Slim, Sophisticated Design
Floor Consoles feature a new contemporary sleek design with linear beauty, harmonized with all types of interiors.

MFZ Series

FLOOR STANDING UNIT

High Capacity, Simple, Flat Design in Harmony with Living Spaces Raise the value of your room to the next level.

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

Multi Flow Vane
A Powerful blower provides optimum 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 customize comfort according to preferences.

Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Auto Restart
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Failure Recall
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Vertical Airflow
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Easy Installation (with leveling plate)
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

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 to immediately return to the previous temperature setting. Using this function contributes to energy savings when, for example, leaving the room or going to bed.

Wide & Long Airflow
The wide and long airflow modes allow the airflow direction to be adjusted, ensuring every corner of the room is comfortable. These modes are simply activated at the touch of a button on your remote controller. The long mode extends airflow by 12m to reach even the furthest point of large living rooms or enables kitchens to be reached in an open plan environment.

GE SERIES FEATURES
- Potentially Demand Response Capable
- Eco Cool
- Nano Platinum Filter
- Electrostatic Anti-Allergy Filter

MFZ SERIES FEATURES
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Auto Restart
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Failure Recall
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Vertical Airflow
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C

Easy Installation (with leveling plate)
- Only 19dB (KJ 25/35)
- Econo Cool
- Anti-Allergy Enzyme (Standard Filter)
- Built-In Weekly Timer
- 24 Hour Timer
- Operating Temperature Cooling at -10°C ~ -46°C Heating at -15°C ~ 24°C
The incorporation of wide air-outlet and the "i-See Sensor" enhances airflow distribution control, achieving an enhanced level of comfort throughout the room. The synergy of higher energy efficiency and more comfortable room environment results in the utmost user satisfaction.

PLA Series

Our compact, lightweight ceiling cassette units with 4-way airflow provide maximum comfort by evenly distributing airflow throughout the entire room.

SLZ Series

A radiation-based sensor to monitor temperature throughout an entire room. When connected to the air conditioner control panel, "i-See Sensor" works to maximise room comfort.

Compact Design

A design that is a perfect match for ceilings made using 2’x2’ construction. The 4-way air outlet provides maximum comfort with evenly distributed airflow.

Air Cleaning Filter

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

Fresh-Air Intake

A duct hole is provided in the main body, making it possible to intake fresh air from outside.

Optimum Airflow

Optimum airflow settings provide maximum comfort throughout the room.

Automatic Grille Lowering Function

An automatic grille lowering function is available for easy filter maintenance. The grille can be lowered a maximum of 4m from the ceiling in 8 steps, thus enabling easy cleaning of the air filter.

SLZ SERIES FEATURES

- PAM Control
- Long Life (2,500 Hour Filter)
- Fresh Air Intake
- Pure White
- Auto Vane
- Vertical Swing
- 12 Hour Timer (SLZ-VA12U)
- Auto Restart
- Cooling at -10°C~46°C (K25)
- Heating at -15°~24°C
- Self Diagnosis (with wired R/C check code)
- MXZ Connection
- Failure Recall
- High Efficiency Filter (Optional)
- Vertical Fin
- Horizontal Fin
- High Ceiling Mode
- Low Ceiling Mode
- Auto Fan Speed Mode
- Self Timer
- Auto Change Over
- Cool Change Over
- Low Temp Cooling
- Quiet Operation
- Group Control (Optional)
- M-NET Connection (Optional)
- Wi-Fi Interface (Optional)
- Cleaning Free pipe reuse
- Drain Lift Up
- Flare Connection
- Self Diagnostic Function
- Failure Recall Function

SLZ SERIES FEATURES

- PAM Control
- Long Life (2,500 Hour Filter)
- Fresh Air Intake
- Pure White
- Auto Vane
- Vertical Swing
- 12 Hour Timer (SLZ-VA12U)
- Auto Restart
- Cooling at -10°C~46°C (K25)
- Heating at -15°~24°C
- Self Diagnosis (with wired R/C check code)
- MXZ Connection
- Failure Recall
- High Efficiency Filter (Optional)
- Vertical Fin
- Horizontal Fin
- High Ceiling Mode
- Low Ceiling Mode
- Auto Fan Speed Mode
- Self Timer
- Auto Change Over
- Low Temp Cooling
- Quiet Operation
- Group Control (Optional)
- M-NET Connection (Optional)
- Wi-Fi Interface (Optional)
- Cleaning Free pipe reuse
- Drain Lift Up
- Flare Connection
- Self Diagnostic Function
- Failure Recall Function

PLA SERIES FEATURES

- PAM Control
- Long Life (2,500 Hour Filter)
- Fresh Air Intake
- Pure White
- Auto Vane
- Vertical Swing
- 12 Hour Timer (SLZ-VA12U)
- Auto Restart
- Cooling at -10°C~46°C (K25)
- Heating at -15°~24°C
- Self Diagnosis (with wired R/C check code)
- MXZ Connection
- Failure Recall
- High Efficiency Filter (Optional)
- Vertical Fin
- Horizontal Fin
- High Ceiling Mode
- Low Ceiling Mode
- Auto Fan Speed Mode
- Self Timer
- Auto Change Over
- Low Temp Cooling
- Quiet Operation
- Group Control (Optional)
- M-NET Connection (Optional)
- Wi-Fi Interface (Optional)
- Cleaning Free pipe reuse
- Drain Lift Up
- Flare Connection
- Self Diagnostic Function
- Failure Recall Function
For elegance and style, the PEAD Series compliments the room environment with an aesthetically pleasing ceiling installation and high-pressure static fan. Long pipe work installation is supported, increasing freedom in the placement of indoor units.

**CEILING-CONCEALED**

Our concealed-ceiling unit has a reduced installation space height with impressively quiet operation. Comfortable operation for the living room, bedroom and other living spaces.

**SEZ Series**

**CEILING-CONCEALED**

Our concealed-ceiling unit has a reduced installation space height with impressively quiet operation. Comfortable operation for the living room, bedroom and other living spaces.

**Increased Selection of Fan Speeds and Static Pressure Levels**

DC fan motor settings have been increased to accommodate more application needs. Three fan speed settings (Low, Medium and High) and four static pressure levels (5, 15, 35 and 50Pa) are now available.

**Compact Ceiling-Concealed Units**

Only the intake-air grille and outlet vents are visible when using this ceiling-concealed indoor unit. The rest of the unit is conveniently hidden in the ceiling cavity, essentially leaving the ceiling and walls free of bulky looking devices and maintaining a high-class interior décor. The compact units require minimal space and can be installed in buildings with lowered ceilings, where exposed units were the rule in the past.

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

Five-stage external static pressure conversions and three fan speed selections are available. Capable of being set to a maximum of 125Pa, units are applicable to a wide range of building types.

**Maximum Noise Reduced by up to 7dB**

We've lowered the minimum static pressure level, resulting in less room noise when the optimum static pressure is selected.

**Four Levels Available for All Models**

<table>
<thead>
<tr>
<th>Previous model</th>
<th>Current model</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEZ-KD25</td>
<td>5/15/35/50Pa</td>
</tr>
<tr>
<td>SEZ-KA35</td>
<td>5/15/35/50Pa</td>
</tr>
</tbody>
</table>

**SEZ Series Features**

- Auto Restart
- Cooling at -15°~46°C (KA25/35)
- Heating at -15°~24°C
- Optional Wi-Fi Control
- Weekly Timer (SEZ-VAG) (PAR-31MA)
- Optional M-NET Connection
- Flare Connection
- Failure Recall
- Self Diagnosis (with wired R/C check code)

**SEZ-KA35VA**

Width reduced by 110mm
Height reduced by 70mm

**SEZ-KD35VA**

Width reduced by 110mm
Height reduced by 70mm

**SEZ Series Dimension Comparison**

- **SEZ-KA35VA**
  - Width: 990mm
  - Height: 700mm
  - Depth: 200mm

- **SEZ-KD35VAQ**
  - Width: 990mm
  - Height: 700mm
  - Depth: 200mm

**SEZ Series Features**

- Auto Change Over
- Auto Restart
- Quiet Operation
- Group Control (Optional)
- M-NET Connection (Optional)
- Wi-Fi Interface (Optional)
- Cleaning Free pipe reuse
- Flare Connection
- Self Diagnostic Function

**PEAD Series**

**CEILING-CONCEALED**

For elegance and style, the PEAD Series compliments the room environment with an aesthetically pleasing ceiling installation and high-pressure static fan. Long pipe work installation is supported, increasing freedom in the placement of indoor units.

**PEAD Series Features**

- Auto Restart
- Cooling at -15°~46°C (KA25/35)
- Heating at -15°~24°C
- Optional Wi-Fi Control
- Weekly Timer (SEZ-VAG) (PAR-31MA)
- Optional M-NET Connection
- Flare Connection
- Self Diagnosis (with wired R/C check code)
- Failure Recall
- Quiet Operation
- Group Control (Optional)
- M-NET Connection (Optional)
- Wi-Fi Interface (Optional)
- Cleaning Free pipe reuse
- Flare Connection
- Self Diagnostic Function
PCA-KA Series

CEILING-SUSPENDED

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

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.

Fresh Outside-Air Intake

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

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.

PCA-KA SERIES FEATURES

- Long Life Filter
- Filter Check Signal
- Fresh-air Intake
- Pure White
- Auto-Vane
- High Efficiency Filter (Optional)
- Vertical Fin
- Horizontal Swing
- High Ceiling Mode
- Low Ceiling Mode
- Auto Fan Speed Mode
- Auto Change Over
- Auto Restart
- Quiet Operation
- Group Control (Optional)
- M-NET Connection (Optional)
- Wi-Fi Interface (Optional)
- Cleaning Free pipe reuse
- Drain Lift Up
- Flare Connection
- Self Diagnostic Function
- Failure Recall Function

MXZ Series

A selection of eight MXZ outdoor units with capacities ranging between 5.2 and 15.5kW can be matched with specific M, S and P Series indoor units to handle a variety of building layouts. The best solution for multi-system air conditioning needs.

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.

Ampere Limit Adjustment

Dip switch settings can be used to adjust the maximum electrical current for operation. This function is highly recommended for managing energy costs. (For details, refer to the outdoor unit installation manual.)

Wiring/Piping Correction Function

Simply press a single button to confirm if piping and wiring are properly connected. Wiring errors are corrected automatically when discovered. This eliminates the need to confirm complicated wiring connections when expanding the system.

Smaller MXZ with 2, 3, 4, 5 or 6 ports (example of MXZ-6D120VA system)

Power Multi MXZ-8B140/160VA for 8 ports
Branch Box Features
For MXZ-8B140VA/MXZ-8B160VA

Flexible Installation Indoor
The branch box can be installed in the ceiling, thus improving appearance. The piping length to the indoor units has been reduced. Maintenance is also easier through improved access to the circuit board and other inner parts by simply removing the side and bottom covers.

Flexible Installation Outdoor
The branch box can be installed outdoors by using the optional cover for outdoor installation. It can be suspended from the building eaves for easy maintenance access, eliminating the need for a special maintenance hole in the ceiling.

Brazing-Free, Quick Installation
All the piping leading to and from the branch box is connected using flare joints, which are easy to use and enable pipes to be connected quickly. The piping connection size differs according to the type and capacity of indoor units. Match the piping connection size for the indoor unit and branch box.

<table>
<thead>
<tr>
<th>Liquid: ø15.58mm (ø5/8 in.)</th>
<th>ø12.70mm (ø1/2 in.) x 4 + ø6.35mm (ø1/4 in.) x 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAC-AK53BC</td>
<td>PAC-AK52BC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gas: ø32.3mm (ø11/4 in.)</th>
<th>ø32.3mm (ø11/4 in.) x 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAC-AK32BC</td>
<td>PAC-AK31BC</td>
</tr>
</tbody>
</table>

Controls

Making the most out of your air conditioner all starts with the controls, these allow you to create the comfort levels that match your demands. As air conditioners are becoming more advanced, so are the controls, to allow accuracy and ease of use to maximise the functionality of your air conditioner. The availability of handheld remotes, wired wall controllers, internet-connectable controllers, and central based zone controllers not only provide you with a wide variety of choice, but also allow optimised programming efficiency.

24 Hour Controller
This simple to use remote controller features a 24 hour timer, an easy to read display and variety of operating modes at the touch of a button. An On/Off timer allows users to set operating times on a daily basis. The ‘i-Save’ mode recalls the present temperature. This remote is standard for the GE60/71/80 Series.

AE-200 10.4” LCD Touch Screen
Control up to 200 units, remote monitoring via web browser or personal computer via a LAN. Featuring a large, backlit high-resolution colour touch panel, easily visible making it easy to read and control units. Fan operation time as well as energy consumption can be displayed.

AT-50B 5” LCD Touch Screen
Simple operation at a touch with the ability to control up to 50 units. The AT-50B features both weekly and daily timer functions and night setback function. The backlit LCD lights up on touch and dims after a certain time period.

Weekly Remote Controller
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. This remote is standard for the GE60/71/80 Series, EF series and FH series.

PAR-31MAA 7 Day Controller
The wall mounted 7 day controller is an optional upgrade with the ability to connect to all Mitsubishi Electric systems listed in this brochure. The PAR-31MAA allows you to program up to 8 start/stop patterns per day for up to 7 days at a time. Other features include a variety of operation control functions, error information, temperature range restriction, operation lock and multi-language display. The PAR-31 also offers the following at the touch of a button: LCD backlight screen, large, easy to read display and mode view for both icon and word display.
Wi-Fi Control

Wi-Fi Control unlocks the door to smarter heating or cooling, for total home comfort wherever you are.

This innovative technology connects your domestic high wall, floor mounted and ducted 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.

Superior Customisation
This innovative technology places multiple functions of your air conditioner at your fingertips. Turning the unit ON/OFF, adjusting set temperature, changing mode, fan speed and airflow direction are all possible.

Develop Operating Rules
Tailor your system to always meet your needs. 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.

Optional upgrade adapter required

Wi-Fi FEATURES
- View & control from anywhere in the world
- Enhance energy savings
- Set up 7 day weekly schedule
- Wireless connection using WPS
Energy Efficiency

Felt Temperature Control

Conventional air conditioners control the air temperature at the top of a room to control room temperature and fail to take foot-level temperature into consideration. The “3D i-See Sensor” monitors the floor temperature and estimates the “felt temperature” (i.e., the temperature felt by people in the room). The airflow speed and temperature are adjusted to prevent over-cooling/heating, thereby reducing energy consumption.

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.)

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 is detected to be hotter, more airflow is directed towards it.) This helps to prevent unnecessary cooling/heating and contributes to higher energy efficiency.

Demand Function (Offsite Modification)

It is possible to reduce electricity consumption within a range from 0 to 100% by performing the following onsite installation. The demand function can be enabled by adding a commercially available input contact point On/Off switch to the CNIM control (the contact point demand input, optional part).

- Incorporate the “Adapter for external input (PAC-EC36NA)” into the circuit.
- By switching SW1-1 on the control circuit board for the outdoor unit, the following power consumption restrictions (compared to rated power) can be set.

<table>
<thead>
<tr>
<th>SW1-1</th>
<th>Power consumption when SW2 is on</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>0% (Forced compressor stop)</td>
</tr>
<tr>
<td>ON</td>
<td>50%</td>
</tr>
</tbody>
</table>

Attractive

Pure White

Pure white is adopted for the unit colour: white expressing the essence of cleanliness and easily matching virtually all interior décor.

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.

Air Quality

Plama Duo

Units are equipped with a pre-filter and two special filters that perform plasma air cleaning and plasma purification functions (Plasma Duo). The plasma system removes bad odours and bacterial particulates of micron- and nanometre-size from the air.

Fresh-Air Intake

Indoor air quality is enhanced by the direct intake of fresh exterior air.

Anti-Allergy Enzyme Filter

The anti-allergy enzyme filter works to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.

High-Efficency Filter

This high-performance filter has a much finer mesh compared to standard filters, and is capable of capturing minute particulates floating in the air that were not previously caught.

Nano Platinum Filter

The filter has a large capture area and incorporates nanometre-sized platinum- ceramic particles that work to kill bacteria and deodorise the circulating air.

Catechin Filter

Catechin is a biodegradable by-product of green tea with both antiviral and antioxidant qualities. It also has an excellent decontaminating effect, which is why Mitsubishi Electric uses the compound in its air conditioner filters. In addition to improving air quality, it prevents the spreading of bacteria and viruses throughout the room. Easily removed for cleaning and maintenance, when the filter is washed regularly the deodorising action is rated to last more than 15 years.

Long-life Filter

A special process for the entrapment surface improves the filtering effect, making the maintenance cycle longer than that of units equipped with conventional filters.

Filter Check Signal

Air conditioner operating time is monitored, and the user is notified when filter maintenance is necessary.

Electrostatic Anti-allergy Enzyme Filter

This feature features both the Air Cleaning Filter and Anti-allergy Enzyme Filter.

Air Distribution

Horizontal Fin

The air outlet swings up and down so that the airflow is spread evenly throughout the room.

Vertical Fin

The air outlet swings from side to side so that the airflow reaches every part of the room.

Low Ceiling Mode

If the room has a low ceiling, the airflow volume can be increased to ensure that air is circulated all the way to the floor.

Auto Fan Speed Mode

The airflow speed mode adjusts the fan speed of the indoor unit automatically according to the present room conditions.

Wide & Long Airflow

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.
FEATUREGLOSSARY

Installation

Cleaning-Free Pipe Reuse (2D52/3D54/4D71/4D80/5D100/6D120)

The application of pipe reuse technology makes it possible to reuse piping, thereby allowing cleaning-free re-use of air conditioning systems that use R22 refrigerant.

* The existing piping can not be reused if the outer diameter and the thickness of the existing piping do not meet applicable specifications or damage to piping is found. (3D54/4D71/4D80/5D100/6D120)

Quick Clean Body

The cover panel can be quickly removed for washing and the airflow vents can be opened without any special tools, making it easy to clean the inside of the air conditioner in minutes. Periodic cleaning of the air conditioner is recommended to maintain optimum operating and energy efficiency.

Quick Clean Kit (Optional)

Our exclusive “Quick Clean Kit” can be easily connected to a household vacuum cleaner for quick and easy cleaning of the heat exchanger.

* It is highly recommended that rubber gloves be worn when cleaning the heat exchanger; touching it with bare hands may lead to injury.

Maintenance

Quick Clean Body

The cover panel can be quickly removed for washing and the airflow vents can be opened without any special tools, making it easy to clean the inside of the air conditioner in minutes. Periodic cleaning of the air conditioner is recommended to maintain optimum operating and energy efficiency.

Built-in drain pump efficiently pumps out water

Self-Diagnostic Function Check Code Display

Check codes are displayed on the remote controller or the operation indicator to inform the user of malfunctions detected.

Failure Recall Function

Operation failures are recorded, allowing confirmation when needed.

Outdoor Unit Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Power Supply (V Phase, Hz, Amp)</th>
<th>Power Consumption</th>
<th>Operating Current</th>
<th>Operating Current at 0.35PS</th>
<th>0.50PS</th>
<th>0.60PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
</tr>
<tr>
<td>MZJ-E18AVAK</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Power Supply (V Phase, Hz, Amp)</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Operating Current</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Operating Current at 0.35PS</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>0.50PS</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>0.60PS</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
</tbody>
</table>

Built-in drain pump efficiently pumps out water

Exclusive Quick Clean Kit (Optional)

Our exclusive “Quick Clean Kit” can be easily connected to a household vacuum cleaner for quick and easy cleaning of the heat exchanger.

* It is highly recommended that rubber gloves be worn when cleaning the heat exchanger; touching it with bare hands may lead to injury.

Flare Connection

Flare connection to cooling pipe work is possible.

Failure Recall Function

Operation failures are recorded, allowing confirmation when needed.

Drain Pipe

A built-in drain pump enables drain piping to be raised.

Self-Diagnostic Function Check Code Display

Check codes are displayed on the remote controller or the operation indicator to inform the user of malfunctions detected.

Failure Recall Function

Operation failures are recorded, allowing confirmation when needed.

<table>
<thead>
<tr>
<th>Type</th>
<th>Power Supply (V Phase, Hz, Amp)</th>
<th>Power Consumption</th>
<th>Operating Current</th>
<th>Operating Current at 0.35PS</th>
<th>0.50PS</th>
<th>0.60PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
</tr>
<tr>
<td>MZJ-E18AVAK</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Power Supply (V Phase, Hz, Amp)</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Operating Current</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>Operating Current at 0.35PS</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>0.50PS</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
<tr>
<td>0.60PS</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
<td>208 single</td>
</tr>
</tbody>
</table>

Built-in drain pump efficiently pumps out water

Exclusive Quick Clean Kit (Optional)

Our exclusive “Quick Clean Kit” can be easily connected to a household vacuum cleaner for quick and easy cleaning of the heat exchanger.

* It is highly recommended that rubber gloves be worn when cleaning the heat exchanger; touching it with bare hands may lead to injury.

Flare Connection

Flare connection to cooling pipe work is possible.

Failure Recall Function

Operation failures are recorded, allowing confirmation when needed.

Drain Pipe

A built-in drain pump enables drain piping to be raised.

Self-Diagnostic Function Check Code Display

Check codes are displayed on the remote controller or the operation indicator to inform the user of malfunctions detected.

Failure Recall Function

Operation failures are recorded, allowing confirmation when needed.
# Indoor Unit Specifications

## MSZ-GE (Wall-mounted: Stylish type)

<table>
<thead>
<tr>
<th>Feature</th>
<th>MSZ-EF25VE (W/B/S)</th>
<th>MSZ-EF35VE (W/B/S)</th>
<th>MSZ-FH25VE</th>
<th>MSZ-FH35VE</th>
<th>MSZ-FH50VE</th>
<th>MSZ-FH50VE</th>
<th>MSZ-FH35VE</th>
<th>MSZ-FH50VE</th>
<th>MSZ-FH50VE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions (mm)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight (kg)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## PLW-GE (One way cassette)

<table>
<thead>
<tr>
<th>Feature</th>
<th>PLW-GE10BA</th>
<th>PLW-GE15BA</th>
<th>PLW-GE15BA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fan Speed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Airflow (min-max)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound Pressure Level (dB)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## MXZ-3D54VA Pipe Length

<table>
<thead>
<tr>
<th>Feature</th>
<th>MXZ-3D54VA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pipe Length (mm)</strong></td>
<td></td>
</tr>
</tbody>
</table>

## PLA-GE60VAD (Compact cassette)

<table>
<thead>
<tr>
<th>Feature</th>
<th>PLA-GE60VAD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fan Speed</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Airflow (min-max)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sound Pressure Level (dB)</strong></td>
<td></td>
</tr>
</tbody>
</table>

## PLA-GE71VAD (Compact cassette)

<table>
<thead>
<tr>
<th>Feature</th>
<th>PLA-GE71VAD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fan Speed</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Airflow (min-max)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sound Pressure Level (dB)</strong></td>
<td></td>
</tr>
</tbody>
</table>

## PCA-RP (Floor-standing)

<table>
<thead>
<tr>
<th>Feature</th>
<th>PCA-RP20BA</th>
<th>PCA-RP20BA</th>
<th>PCA-RP20BA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fan Speed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Airflow (min-max)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound Pressure Level (dB)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## PEAD-RP100JAA (Ceiling-suspended)

<table>
<thead>
<tr>
<th>Feature</th>
<th>PEAD-RP100JAA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fan Speed</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Airflow (min-max)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sound Pressure Level (dB)</strong></td>
<td></td>
</tr>
</tbody>
</table>

## When MFZ-KJ indoor unit(s) is connected to MXZ, please charge additional refrigerant according to the following chart.

<table>
<thead>
<tr>
<th>No. of MFZ-KJ indoor unit(s)</th>
<th>1 unit</th>
<th>2 units</th>
<th>3 units</th>
<th>4 units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Max. refrigerant</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*SL2.3A(VAL). No remote controller included. *SL2.3A. Val. Equipped with a wireless remote controller.

---

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