Warm, even heat in winter and pleasantly cool air in summer is only a phone call or click away

Simply contact your nearest Mitsubishi Electric Specialist today and you can find out all there is to know about how to enhance your living environment. Our Specialists are fully qualified to give you all the right advice on which Mitsubishi Electric Ducted Air Conditioning System is right for you.

To locate your nearest Mitsubishi Electric Specialist go to our website
www.mitsubishielectric.com.au
or contact the

Diamond Dealer Call Centre 1300 722 228

They will determine whether a Power Inverter or a Commercial Power Inverter System best suits your needs, both in comfort and efficiency. You can either visit one of our Specialist’s Showrooms, or they will happily arrange for one of their Consultants to come to your home.

All Mitsubishi Electric Power Inverter and Commercial Power Inverter Systems are MEPS (Minimum Efficiency Performance Standard) Compliant, so you can be sure that they will give you the performance and efficiency that they were designed to deliver.

NOTE FOR SOUTH AUSTRALIAN CUSTOMERS: Certain models featured in this brochure may not be available for sale in South Australia. For confirmation of model availability or alternatives, contact your Mitsubishi Electric Specialist Dealer.

**NEW RELEASE**

Single Phase 17kW Power Inverter

Enhance your living environment with Mitsubishi Electric Air Conditioning Systems
The Mitsubishi Electric Story

Mitsubishi Electric have a proud history in the manufacturing and supply of leading edge electrical and electronic equipment for both domestic and commercial use. Our efforts to make indoor life more comfortable began in 1921, with the introduction of our first electric fan which became an instant hit. Some 10 years later we began to manufacture coolers, which were just as popular.

Since then our understanding that technology is the driving factor of change in our lives has seen us become a world leader in energy efficient air conditioning systems. However our development of breakthrough technologies and products is not just restricted to heating and cooling.

Since 1980 to the present day the pace at which Mitsubishi Electric has introduced and refined products that benefit society, industry and individuals, has been nothing less than astonishing.

These technologies include the world’s first large scale LED Screen for sports arenas, the world’s largest CRT television screen for the consumer market, the world’s first spiral escalator, the world’s fastest elevators, the antenna technology behind the world’s first in-flight internet service, solar cell technology and much more. Today Mitsubishi Electric is a global giant with operations in over 35 countries, with more than 97,000 employees.

Our commitment to quality service, research and development has helped us gain a leading position in today’s marketplace in a wide variety of areas including heating, cooling and air conditioning.

Mitsubishi Electric’s ‘today technology’ provides climate controlled comfort wherever you live, work and relax.

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.

Our commitment to quality, service, research and development has helped us gain a leading position in today’s marketplace.

Our advanced control technology means controlling your comfort is easy

Our state of the art Controller allows you to get the most out of your Mitsubishi Electric Ducted Air Conditioning System.

Take Control At Your Fingertips

Simply open the front panel and total control of your comfort is there at the touch of a button. From temperature control to automatic stop/start on a daily or weekly basis, it’s all there at your fingertips.

Easy Operation

Full dot backlit LCD makes it easy to see and control units. The large type in the full dot Liquid Crystal Display allows the status of your system to be viewed at a glance, day or night. While most remote controls can be confusing our control has been specifically designed to be more user friendly. The Slimline styling has been designed to fit unobtrusively with any décor.

Effective Energy Saving Control

Limiting the set temperature range

Setting upper and lower temperature limits prevents the unit from excessive heating and cooling, thereby saving energy further and reducing your power bill.

Setting Example (Restaurant in summer time)

*Result of cooperative study with Japan Facility Solution Co, Ltd.

Setting the temperature to "1°C higher in cooling" while "1°C lower in heating" results in about 10% energy saving.

*Based on our internal calculation

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Higher performance, lower power consumption and longer life

When it comes to comfort, efficiency and durability, Mitsubishi Electric has the advantage over the opposition, we call it MEQ – Mitsubishi Electric Quality. Simply put it is a superior standard that we apply to our own business. While other systems may meet stringent industry standards, Mitsubishi Electric continually strives to exceed them. MEQ delivers air conditioning systems at the leading edge of technology that operate efficiently in extreme weather conditions, year in, year out.

MEQ Gives Us 3 Important Advantages:

- **Comfort**: We have created products that are designed to provide you with exceptional comfort in your surroundings, in all weather conditions.
- **Efficiency**: We strive for the perfect balance of performance, reliability, low power consumption and a long operational life upon all our products. The result is an air conditioning range that is ranked amongst the best in the industry in terms of design, quality and energy efficiency.
- **Durability**: We subject the indoor and outdoor units of all our systems to rigorous durability testing, which includes testing in the harsh conditions that our products are expected to endure. The result is an air conditioning range that is rated amongst the best in the industry in terms of design, quality and energy efficiency.

Due to the high static pressure available from the fan coil unit’s multiple speed fans, even when the ductwork is very long, the volume of airflow remains consistent which gives you more flexibility in your choice of location.

### Power Inverter

The Advanced Technology in Mitsubishi Electric’s Power Inverter makes it the perfect solution for today’s diversified Residential and Commercial requirements. For homes, or small to medium size offices, our Power Inverter Ducted System gives you cost-effective climate control for both heating and cooling. Technological advances have increased output and efficiency, allowing you to reduce your energy costs and maintain your chosen temperature faster, with less fluctuation, using less energy. The Power Inverter is smaller and lighter, making handling and installation easier which gives you more flexibility in your choice of location.

### Quiet Operation

The Power Inverter operates at noise levels that are at the leading edge of Industry Standards.

### Longer Maximum Piping Length

The new technology also makes it possible to pipe refrigerant up to 75 metres from the Inverter to the concealed Indoor Fan Coil Unit, giving you more choice and versatility in the layout of your Ducted System and positioning your Outdoor Unit.

### Concoaled Indoor Unit

Mitsubishi Electric’s range of Concealed Indoor Units are versatile and easy to install even where roof or under floor space is limited.

### High Output Fan Capability

Even when the ductwork is very long, the volume of airflow remains constant due to the high static pressure available from the fan coil unit’s multiple speed fans.

### Computerised Dehumidification

This feature allows you to reduce the humidity inside your home leaving you comfortable in all seasons.

### Commercial Power Inverter

Used in large homes or medium to large offices, the Mitsubishi Electric Commercial Power Inverter boasts all of the technological advances of the Power Inverter with a number of design features that further reduce power consumption and make it ideally suited to commercial applications, including the ability to disassemble the unit for easy installation.

### Quiet Operation

Improvements to the design of the dual fan blades and a new grille and casing shape deliver operating noise levels that are the best in the industry. A Low Noise Priority function is also available, where the noise of the outdoor unit can be reduced via a switch or time clock.

### Longer Maximum Piping Length

The Commercial Power Inverter can pipe refrigerant up to 75 metres to the concealed Outdoor Unit, further adding to its versatility and efficiency in getting airflow to where it is most effective.

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### Power Supply

- **Model**: Power Inverter/Commercial Power Inverter
- **PUHZ-RP71VHA3**
  - **Model**: Power Inverter
  - **PUHZ-RP200YKA**
    - **Power Supply**: Single phase, 50Hz, 220-240V
  - **PUHZ-RP250YHM-A**
    - **Power Supply**: Three phase, 50Hz, 380-415V

### Chargeless piping length

- **PUHZ-RP71VHA3**
  - **Chargeless piping length**: 4,000m

### Capacities stated

Capacities stated are based on operating conditions and fluid properties. They are based on COP of 3.21 and operating conditions from 20°C - 24°C.

### Operating Range

- **Cooling**: 20°C – 24°C
- **Heating**: -11°C – 10°C
- **Partload**: 60 – 150% of Rated Capacity

### EER Rated COP

- **EER Rated COP**: 2.73, 3.21, 2.97, 3.33, 2.69

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### Measuring Conditions

- **EER**: Measured under standard conditions: 20°C and 40% RH
- **Power supply**: Single phase, 50Hz, 220-240V
- **Power supply**: Three phase, 50Hz, 380-415V
- **Humidity**: 40% RH
- **Atmospheric pressure**: 1013 hPa
- **Altitude**: sea level
- **Compressor output**: kW
- **Breaker size**: Amps
- **Weight**: kg
- **Capacities stated**: kW
- **EER Rated COP**: rated for COP of 3.21

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### Power Inverter – Outdoor Units

<table>
<thead>
<tr>
<th>CapacitiesRated</th>
<th>Power supply</th>
<th>Breaker size</th>
<th>Weight</th>
<th>Chargeless piping length</th>
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### Power Inverter – Indoor Units

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### Piping Length

- **PUHZ-RP71VHA3**
  - **Piping Length**: 4,000m

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### Power Inverter – Ducted System

- **Commercial Power Inverter – Ducted System**: Suitable for large homes and medium to large offices, the Mitsubishi Electric Commercial Power Inverter boasts all of the technological advances of the Power Inverter with a number of design features that further reduce power consumption and make it ideally suited to commercial applications, including the ability to disassemble the unit for easy installation.

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### Concealed Indoor Unit

- **Concealed Ducted Power Inverter – Indoor Units**: Mitsubishi Electric’s range of Concealed Indoor Units are versatile and easy to install even where roof or under floor space is limited.
Concealed Bulkhead

Ideal for apartments or offices where ceiling access is not available for ducting, the ceiling concealed model compresses installation space to just 200 mm in height when using the new KD series. The KD series offer extra static pressure (25Pa) that with careful design will enable it to be ducted to a limited number of outlets. You also have the choice of either hard wired control panel (HWC) or infra red remote control (IRL).

Quiet Operation

When operating at full capacity, the Bulkhead Unit generates just 26dB(A) of sound, so other than feeling the benefit of the even temperature that it delivers, you would hardly know that it is operating.

Mitsubishi Electric’s Ducted Inverter Technology gives you the edge

Mitsubishi Electric’s Advanced Technology Inverter Systems are more economical and efficient than conventional systems. Conventional non-inverter systems run at a fixed speed. To maintain a set temperature the compressor switches on and off room temperatures continually fluctuate, falling, rising and falling again. To overcome this problem Mitsubishi’s Electric advanced inverter technology gently increases or decreases power to suit the prevailing conditions reaching the desired temperature quicker, more efficiently, without severe temperature fluctuations. The resulting reduction in electricity consumption by our energy saving technology not only saves you money but also reduces your carbon footprint on the environment.

Mitsubishi Electric’s Ducted Inverter Unit is positioned out of sight in either the ceiling void, or under the floor. Cool or warm air is then ducted quietly to each room through beautifully appaying Air Diffusers positioned in the wall, floor or wall. Warm or cool air is then filtered and returned to the Indoor Fan Coil Unit through the Return Air Grille. The system is easily operated via a wall mounted LCD Control Panel.

To enhance your living environment has to be the ultimate in comfort

With Mitsubishi Electric Ducted Inverter Systems, climate control is at the touch of a button. Warm or cool during Winter and cool air during Summer. Our Ducted Systems are ideal for multiple room applications and can incorporate zone selection if required.

The Outdoor Inverter Unit that provides the power, is positioned outside your home, while the Indoor Fan Coil Unit is positioned out of sight in either the ceiling void, or under the floor. Cool or warm air is then ducted quietly into each room through beautifully appaying Air Diffusers positioned in the wall, floor or wall. Warm or cool air is then filtered and returned to the Indoor Fan Coil Unit through the Return Air Grille.

Reducing Energy Consumption

Cost performance comparison Inverter model vs. non-inverter model: Thanks to the new Inverter System, a large reduction in power consumption is now possible. The results in one of the highest COP’s (Coefficient of Performance) ratings in the industry, helping to lower overall running costs and provide greater savings.

Case Study 1 – Power Consumption

Based on our calculations on the operating conditions shown below, the new Inverter System can reduce power consumption by up to 75% compared to an old model installed 8 years ago.

Case Study 2 – COP*

Compared to conventional models, the new Inverter System increases energy efficiency by an average of 10%.

Quiet Operation

Improve in the design of our fan blades combined with a new grille shape has seen us become No 1 in the industry.

The outdoor unit is even quieter when the outside temperature drops, as it automatically switches to low noise mode which reduces it’s operating noise by a further 3dB.

Peace of Mind

All Mitsubishi Electric air conditioners used in residential applications are covered by a 5-5 year parts and labour warranty.

Mitsubishi Electric air conditioners have been designed and built to deliver optimum performance year in year out.