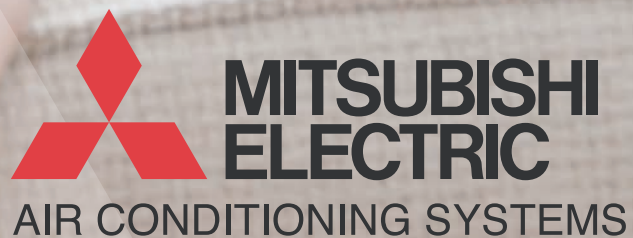


Enhance your living environment with  
**Mitsubishi Electric Ducted  
Air Conditioning Systems.**



# 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.*



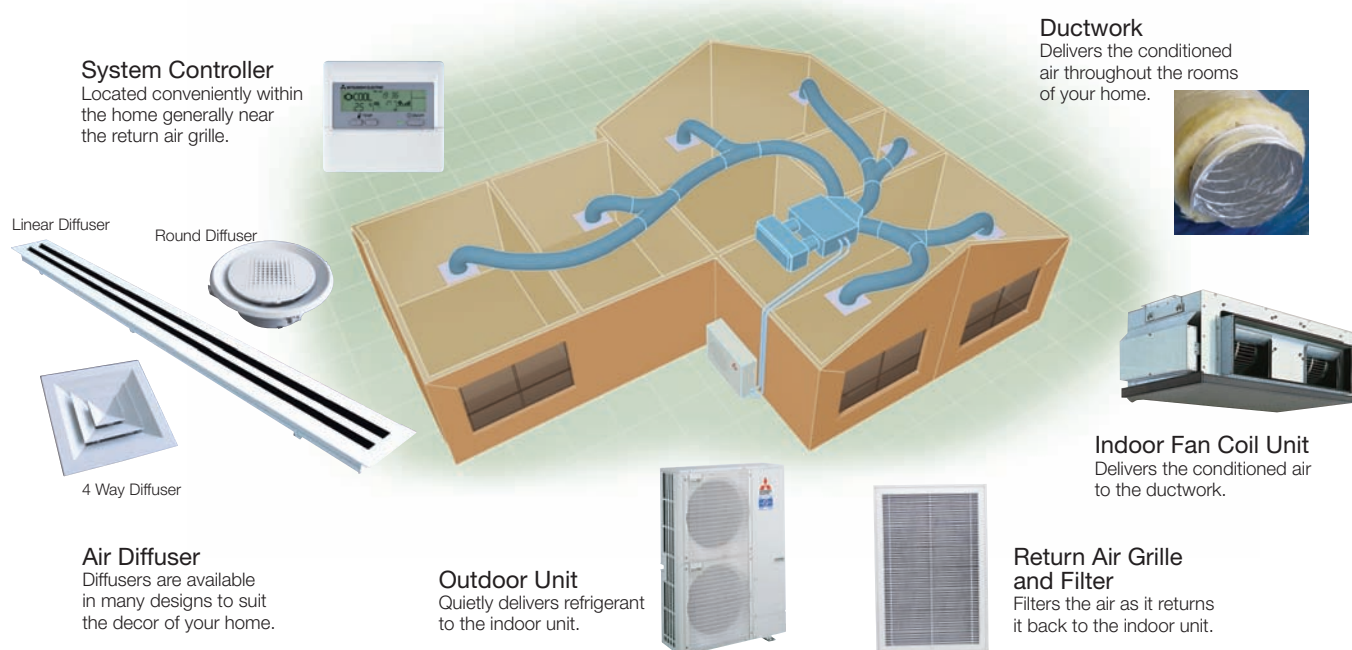
# To enhance your living environment has to be the ultimate in comfort.

With Mitsubishi Electric Ducted Inverter Systems, climate control is at the touch of a button.

Warm even heat during Winter and clean 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 visually appealing Air Diffusers positioned in the ceiling, wall or floor. 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.



## 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.

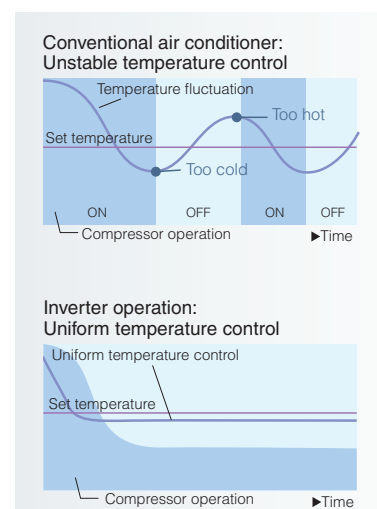
Conventional non-inverter systems run at a fixed speed. To maintain a set temperature the compressor switches on/off so room temperatures continually fluctuate, falling, rising and falling again.

To overcome this problem Mitsubishi Electric's 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 Outdoor Inverter units have been aesthetically designed to minimise their visual impact on your environment.

Each contains a number of innovative features that makes them quieter, more energy efficient and reliable, placing them at the cutting edge in the industry.







# 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.

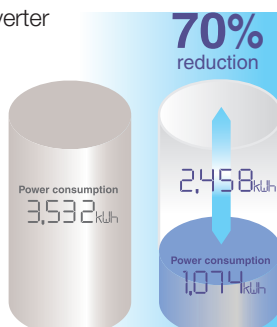
This results in one of the highest COP\* (Co-efficient of Performance) ratings in the industry, helping to lower overall running costs and provide greater savings.

## 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 70% compared to an old model installed 8 years ago.

Conditions of trial calculation  
(according to Japan Refrigerant Association)

| Place            | Office in Tokyo (Japan)                                       |
|------------------|---|
| Operating time   | 8AM to 8PM (12 hours/day) & 6 days/week                       |
| Operating period | Cooling: April 16-November 8<br>Heating: December 14-March 23 |
| Set temperature  | Cooling: 27°C, Heating: 20°C                                  |

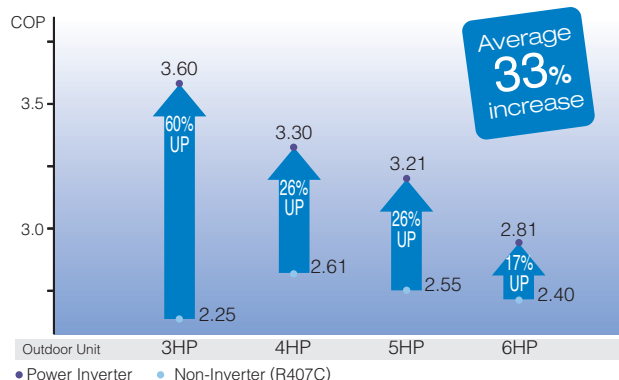


Before replacement:  
Installed 8 years ago

After replacement:  
Power Inverter  
Model name  
PLA-RP71AA/  
PUHZ-RP71VHA

## Case Study 2 - COP\*

Comparison of COP between non-Inverter and Power Inverter (4 way cassette type) models.



● Power Inverter ● Non-Inverter (R407C)

\*COP is a performance and efficiency rating similar to the Star Energy Rating System. The higher the COP, the more efficient the system.

## Quiet Operation

Improvements 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 temperatures drops, as it automatically switches to low noise mode which reduces its operating noise by a further 3dB.

## OUTDOOR UNIT NOISE COMPARISON



\*AT OUTDOOR TEMPERATURE OF 25°C

## Noise level



## DC Fan Motor

A highly efficient DC Motor drives the fan of the outdoor unit, offering up to 60% greater efficiency than the equivalent AC Motor.



The compact configuration provides larger airflow with low noise.

## Peace of Mind

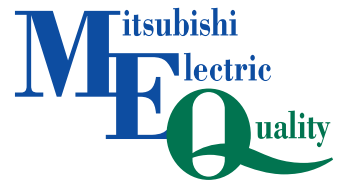
All Mitsubishi Electric air conditioners used in residential applications are covered by a full 5 year parts and labour warranty.

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



# Higher performance, lower power consumption and longer life.

When it comes to comfort, efficiency and durability, Mitsubishi Electric has a distinct 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 span for all our products. The result is an air conditioning range that is rated amongst the best in the industry in terms of design, quality and energy efficiency.

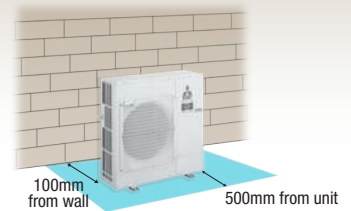
### Durability

We subject the indoor and outdoor units of all our systems to rigorous durability testing, which includes harsher temperature extremes than are likely to be found anywhere in the world. This allows us to produce higher quality products that protect your investment through years of reliable service.



# Compact Inverter.

The Advanced Technology in Mitsubishi Electric's Compact Inverter makes it the perfect solution for today's diversified Residential and Commercial requirements. For homes, or small to medium size offices, our Compact Inverter Ducted System gives you cost effective climate control for both heating and cooling. Technological advances have increased output and efficiency, allowing you to reach and maintain your chosen temperature faster, without fluctuations, while using less energy. The Compact Inverter is smaller and lighter, making handling and installation easier which gives you more flexibility in your choice of location.



## Quiet Operation

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

## Longer Maximum Piping Length

The new technology has also made it possible to pipe refrigerant up to 70 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.

Flexibility in Layout Planning is further enhanced by the integration of the Compact Inverter or Power Inverter outdoor units and our range of Concealed Indoor Units.

## Concealed 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.

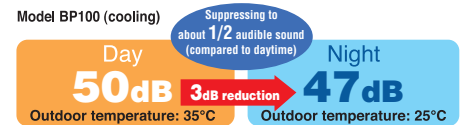
## High Output Fan Capability

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

## Computerised Dehumidification

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

| Model Size       | 71      | 100     | 125 | 140 | 200 | 250 |
|------------------|---------|---------|-----|-----|-----|-----|
| Compact Inverter | SUZ     | PUHZ-BP |     |     |     |     |
| Single Phase     | •       | •       | •   | •   |     |     |
| Three Phase      |         |         |     |     | •   | •   |
| Power Inverter   | PUHZ-RP |         |     |     |     |     |
| Single Phase     | •       | •       | •   | •   |     |     |
| Three Phase      |         | •       | •   | •   |     |     |



|                        | Max Height Difference | Max Piping Length |
|------------------------|-----------------------|-------------------|
| Compact Inverter       |                       |                   |
| SUZ-KA71               | 15                    | 30                |
| PUHZ-BP100,125,140VHA  | 30                    | 50                |
| PUHZ-BP200/250VHA      | 30                    | 70                |
| Power Inverter         |                       |                   |
| PUHZ-RP71VHA2          | 30                    | 50                |
| PUHZ-RP100,125,140VHA2 | 30                    | 75                |
| PUHZ-RP100,125,140YHA2 | 30                    | 75                |



# Power Inverter.

Ideal for larger homes or medium to large offices, the Mitsubishi Electric Power Inverter boasts all of the technological advances of the Compact Inverter with a number of design features that further reduce power consumption and make it ideally suited to commercial applications.

## Ultra Quiet Operation

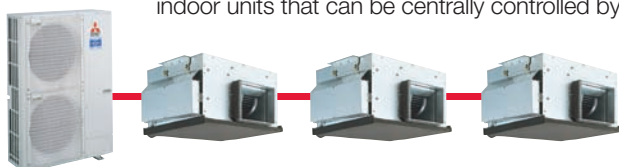
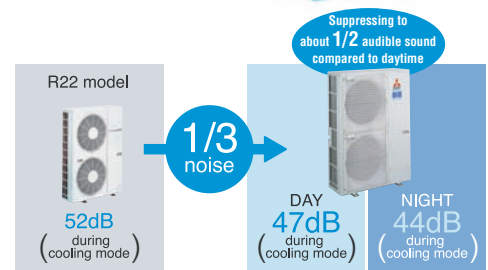
Improvements to the design of the dual fan blades and a new grille shape deliver operating noise levels that are the best in the industry. A Low Noise Priority function is also available, where the noise of the outdoor unit can be reduced via a switch or time clock.

## Longer Maximum Piping Length

The Power Inverter can pipe refrigerant up to 75 metres to the concealed ceiling unit, further adding to it's versatility and efficiency in getting airflow to where it is most effective.

## Multi System Use









The Mitsubishi Electric Power Inverter can be connected to a number of concealed indoor units that can be centrally controlled by one remote controller.








|                  | Twin              | Triple       |
|------------------|-------------------|--------------|
| Compact Inverter |                   |              |
| PUHZ-BP140VHA    | 2 x PEA-RP71      |              |
| PUHZ-BP200VHA    | 2 x PEA-RP100EA-2 |              |
| PUHZ-BP250VHA    | 2 x PEA-RP125     |              |
| PUHZ-BP250VHA    |                   | 3 x PEA-RP71 |
| Power Inverter   |                   |              |
| PUHZ-RP140VHA2   | 2 x PEA-RP71      |              |
| PUHZ-RP140YHA2   | 2 x PEA-RP71      |              |



## Concealed Indoor Units

| Indoor unit   |             | PEA-RP71EA  |            | PEA-RP100EA2  |            | PEA-RP125EA   |          | PEA-RP140EA2   |            | PEA-RP170WGA  |            | PEA-RP200WGA  |          | PEA-RP250WGA  |             |
|---|-------------|---|------------|---|------------|---|----------|--|------------|---|------------|---|----------|---|-------------|
| Outdoor unit  |             | SUZ-KA71VA  |            | PUHZ-BP100VHA   |            | PUHZ-BP125VHA   |          | PUHZ-BP140VHA  |            | PUHZ-BP170YHA   |            | PUHZ-BP200YHA   |          | PUHZ-BP250YHA   |             |
| Function  |             | Cooling   | Heating    | Cooling   | Heating    | Cooling   | Heating  | Cooling  | Heating    | Cooling   | Heating    | Cooling   | Heating  | Cooling   | Heating     |
| Capacity Rated  | kW          | 6.9   | 8          | 9.2   | 9.5        | 11.2  | 12.5     | 13   | 14.8       | 17.0  | 20.0       | 19  | 22.4     | 22  | 25          |
| Capacity (min-max)  | kW          | (0.9-8.1)   | (0.9-10.2) | (3.5-10)  | (3.5-11.2) | (5.2-12.5)  | (4.7-14) | (5.2-15.2)   | (4.7-17.4) | (9.0-21.0)  | (9.5-23.5) | (9-22.4)  | (9.5-25) | (11.2-28)   | (12.5-31.5) |
| Input   | kW          | 2.9   | 2.49       | 3.82  | 3.02       | 4.65  | 4.07     | 5.39   | 4.48       | 7.3   | 7.18       | 7.3   | 7.18     | 8.53  | 7.58        |
| EER Rated   | COP         | 2.34  | 3.08       | 2.41  | 3.31       | 2.31  | 3.22     | 2.34   | 3.39       | 2.53  | 3.01       | 2.53  | 3.01     | 2.49  | 3.21        |
| EER Partload see*3  |             | 3.04  |            | 2.94  |            | 2.86  |          | 2.91   |            | 3.19  |            | 3.19  |          | 3.07  |             |
|  |             |  |            |  |            |  |          |  |            |  |            |  |          |  |             |
| Indoor unit   |             | PEA-RP71EA  |            | PEA-RP100EA2  |            | PEA-RP125EA   |          | PEA-RP140EA2   |            | PEA-RP170WGA  |            | PEA-RP200WGA  |          | PEA-RP250WGA  |             |
| Power supply  |             | Single phase, 50Hz, 220-240V  |            |   |            |   |          |  |            |   |            |   |          |   |             |
| Airflow (Lo-Hi)   | L/S         | 367-450   |            | 450-567   |            | 567-700   |          | 800-1000   |            |   |            | 800-1000  |          | 1067-1333   |             |
| Ext static pressure   | Pa          | 125   |            |   |            |   |          |  |            |   |            |   |          |   |             |
| Sound pressure level  | dB(A)       | 52-55   |            | 54-58   |            |   |          | 51-55  |            |   |            | 47-51   |          | 53-55   |             |
| Dimensions  | Height (mm) | 428   |            | 428   |            | 428   |          | 428  |            |   |            | 465   |          | 465   |             |
|   | Width (mm)  | 785   |            | 1,055   |            | 1,255   |          | 1,415  |            |   |            | 1,600   |          | 1,600   |             |
|   | Depth (mm)  | 690   |            | 690   |            | 690   |          | 690  |            |   |            | 614   |          | 614   |             |
| Weight  | kg          | 46  |            | 59  |            | 72  |          | 76   |            |   |            | 74  |          | 80  |             |





## Compact Inverter – Outdoor units



| Outdoor unit              |              | SUZ-KA71VA                   |  | PUHZ-BP100VHA |  | PUHZ-BP125VHA |  | PUHZ-BP140VHA |  | PUHZ-BP170YHA |  | PUHZ-BP200YHA               |  | PUHZ-BP250YHA |  |
|---------------------------|--------------|------------------------------|--|---------------|--|---------------|--|---------------|--|---------------|--|-----------------------------|--|---------------|--|
| External finish           |              | Munsell 3Y 7.8/1.1           |  |               |  |               |  |               |  |               |  |                             |  |               |  |
| Power supply              |              | Single phase, 50Hz, 220-240V |  |               |  |               |  |               |  |               |  | Three phase, 50Hz, 380-415V |  |               |  |
| Compressor output         | kW           | 1.3                          |  | 2             |  | 3.4           |  | 3.9           |  |               |  | 4.7                         |  | 5.5           |  |
| Airflow                   | L/S          | 818                          |  | 1000          |  | 1170          |  |               |  |               |  | 2167                        |  |               |  |
| Sound pressure level (dB) | Cooling mode | 53                           |  | 50            |  | 52            |  | 54            |  |               |  | 59                          |  |               |  |
|                           | Silent mode  |                              |  | 47            |  | 49            |  | 51            |  |               |  | 56                          |  |               |  |
|                           | Heating mode | 55                           |  | 54            |  | 55            |  | 56            |  |               |  | 59                          |  |               |  |
| Sound power level         | dB(A)        | 68                           |  | 70            |  | 72            |  | 74            |  |               |  | 77                          |  |               |  |
|                           | Height (mm)  | 850                          |  |               |  | 943           |  |               |  |               |  | 1350                        |  |               |  |
|                           | Width (mm)   | 840                          |  |               |  | 950           |  |               |  |               |  | 950                         |  |               |  |
| Dimensions                | Depth (mm)   | 330                          |  |               |  | 330+30        |  |               |  |               |  | 330+30                      |  |               |  |
|                           | Weight       | 53                           |  | 66            |  | 80            |  | 84            |  |               |  | 126                         |  | 133           |  |
| Chargeless piping length  | m            | 7                            |  |               |  | 20            |  |               |  |               |  | 30                          |  |               |  |
| Max piping length         | m            | 30                           |  |               |  | 50            |  |               |  |               |  | 70                          |  |               |  |
| Protection device         |              | Discharge thermo, HP switch  |  |               |  |               |  |               |  |               |  |                             |  |               |  |
| Rated running current     | Amps         |                              |  | 15.26/11.68   |  | 18.24/15.64   |  | 19.46/15.38   |  |               |  | 9.47/9.88                   |  | 11.0/12.0     |  |
| Breaker size              | Amps         | 20                           |  | 25            |  | 32            |  | 40            |  |               |  | 32                          |  |               |  |

## Power Inverter – Indoor units








| Indoor unit                |     | PEA-RP71EA    |                | PEA-RP100EA2  |                 | PEA-RP125EA     |               | PEA-RP140EA2  |               |
|----------------------------|-----|---------------|----------------|---------------|-----------------|-----------------|---------------|---------------|---------------|
| Function                   |     | Cooling       | Heating        | Cooling       | Heating         | Cooling         | Heating       | Cooling       | Heating       |
| Capacity Rated (min-max)*† | kW  | 7.1 (3.3-8.1) | 8.4 (3.5-10.2) | 10 (4.9-11.4) | 11.2 (4.5-14.0) | 12.5 (5.5-14.0) | 14 (5.0-16.0) | 14 (5.5-15.3) | 16 (5.0-18.0) |
| Input                      | kW  | 2.48          | 2.51           | 3.25          | 3.2             | 4.42            | 4.07          | 5.03          | 4.51          |
| EER Rated/Partload see*3   | COP | 2.73          | 3.21           | 2.97          | 3.33            | 2.69/3.43       | 3.31          | 2.67/3.26     | 3.50          |

† Capacities stated are based on indoor unit connected to PUHZ-RP series outdoor units

| Power supply         |             | Single phase, 50Hz, 220-240V |  |         |  |         |  |          |  |
|----------------------|-------------|------------------------------|--|---------|--|---------|--|----------|--|
| Airflow (Lo-Hi)      | L/S         | 367-450                      |  | 450-567 |  | 567-700 |  | 800-1000 |  |
| Ext static pressure  | Pa          | 125                          |  |         |  |         |  |          |  |
| Sound pressure level | dB(A)       | 52-55                        |  | 54-58   |  |         |  | 51-55    |  |
| Dimensions           | Height (mm) | 428                          |  | 428     |  | 428     |  | 428      |  |
|                      | Width (mm)  | 785                          |  | 1,055   |  | 1,255   |  | 1,415    |  |
|                      | Depth (mm)  | 690                          |  | 690     |  | 690     |  | 690      |  |
| Weight               | kg          | 46                           |  | 59      |  | 72      |  | 76       |  |

## Power Inverter – Outdoor units

| Outdoor unit              |              | PUHZ-RP71VHA2  | PUHZ-RP100V/YHA2            | PUHZ-RP125V/YHA2            | PUHZ-RP140V/YHA2            |
|---------------------------|--------------|--|-----------------------------|-----------------------------|-----------------------------|
| External finish           |              | Munsell 3.0Y 7.8/1.1   |                             |                             |                             |
| Power supply              |              | V: Single phase, 50Hz, 220-240v Y: Three phase, 50Hz, 380-415V |                             |                             |                             |
| Compressor output         | kW           | 1.6  | 1.9                         | 2.4                         | 3.9                         |
| Airflow                   | L/S          | 920  | 1000                        | 1170                        |                             |
| Sound pressure level (dB) | Cooling mode | 47   | 50                          | 52                          | 54                          |
|                           | Silent mode  | 44   | 47                          | 49                          | 51                          |
|                           | Heating mode | 48   | 54                          | 55                          | 56                          |
| Sound power level         | dB(A)        | 66   | 70                          | 72                          | 74                          |
|                           | Height (mm)  | 943  | 1350                        |                             |                             |
|                           | Width (mm)   | 950  |                             |                             |                             |
| Dimensions                | Depth (mm)   | 330+30   |                             |                             |                             |
|                           | Weight       | kg   | 75                          | 121                         | 116                         |
| Chargeless piping length  | m            | 30   | 30                          |                             |                             |
| Max piping length         | m            | 50   | 75                          |                             |                             |
| Protection device         |              | Discharge thermo, HP switch                                    |                             |                             |                             |
| Rated running current     | Amps         | 8.04/9.74  | V: 12.53/12.39 Y: 4.08/4.03 | V: 15.53/15.98 Y: 5.04/5.20 | V: 19.65/19.92 Y: 6.37/6.46 |
| Breaker size              | Amps         | 25   | V:32 Y:16                   | V:32 Y:16                   | V:40 Y:16                   |

## Guaranteed Operating Range

|         |             | SUZ-KA |          | PUHZ-RP/BP     |
|---------|-------------|--------|----------|----------------|
|         |             | 25/35  | 50/60/71 | all            |
| Cooling | Upper limit | 46°C   | 43°C     | 46°C           |
|         | Lower limit | -10°C  | -15°C    | -5°C (-15°C*1) |
| Heating | Upper limit | 24°C   | 24°C     | 21°C           |
|         | Lower limit | -15°C  | -10°C    | -20°C*2        |

\*1 With the optional air outlet guide, the operation at -15°C outdoor temperature is possible. \*2 -11°C for PUHZ-RP71.

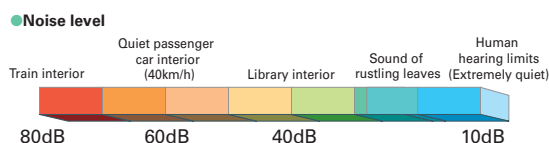
# Concealed Bulkhead.

Ideal for apartments or offices where ceiling access is not available for ducting, the ceiling concealed model compresses installation space to just 270 mm in height with the KA series and an even smaller 200mm when using the new KD series.


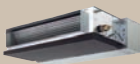
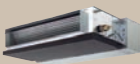
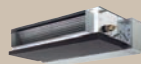
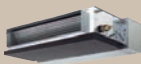




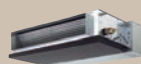
The KD series offers a number of improvements on the KA series including higher static pressure (50Pa) that allows it to be ducted to a limited number of outlets and the choice of hard wired control panel (VA) or infra red remote control (VAL).

## Whisper Quiet Operation






When operating at full capacity the Bulkhead Unit generates just 28dB of sound, so other than feeling the benefit of the even temperature that it delivers, you would hardly know that it is operating.



## Specification Chart Concealed Bulkhead

| Indoor unit   |             | SEZ-KA35VA  |           | SEZ-KA50VA  |           | SEZ-KA60VA   |           | SEZ-KA71VA  |            |
|---|-------------|---|-----------|---|-----------|--|-----------|---|------------|
| Outdoor unit  |             | SUZ-KA35VA  |           | SUZ-KA50VA  |           | SUZ-KA61VA   |           | SUZ-KA71VA  |            |
| Function  |             | Cooling   | Heating   | Cooling   | Heating   | Cooling  | Heating   | Cooling   | Heating    |
| Capacity (min-max)  | kW          | 1.0 - 3.9   | 0.9 - 5.0 | 1.1 - 5.6   | 1.1 - 7.2 | 1.1 - 6.3  | 0.9 - 8.0 | 0.9 - 8.3   | 0.9 - 10.4 |
| Input   | kW          | 1.06  | 1.1       | 1.78  | 1.84      | 1.96   | 2.45      | 2.46  | 2.36       |
| EER Rated   | COP         | 3.33  | 3.65      | 2.76  | 3.21      | 2.76   | 2.77      | 2.89  | 3.38       |
|   |             |   |           |  |           |  |           |   |            |
| Indoor unit   |             | SEZ-KA35VA  |           | SEZ-KA50VA  |           | SEZ-KA60VA   |           | SEZ-KA71VA  |            |
| Power supply  |             | Single phase, 50Hz, 220-240V  |           | Single phase, 50Hz, 220-240V  |           | Single phase, 50Hz, 220-240V   |           | Single phase, 50Hz, 220-240V  |            |
| Airflow (Lo-Hi)   | L/S         | 167-217   |           | 200-283   |           | 200-333  |           | 200-333   |            |
| Ext static pressure   | Pa          | Standard: 30, Max: 50   |           | Standard: 30, Max: 50   |           | Standard: 30, Max: 50  |           | Standard: 30, Max: 50   |            |
| Sound pressure level  | dB(A)       | 30-35   |           | 31-39   |           | 32-43  |           | 32-43   |            |
| Dimensions  | Height (mm) | 270   |           | 270   |           | 270  |           | 270   |            |
|   | Width (mm)  | 1,100   |           | 1,100   |           | 1,100  |           | 1,100   |            |
|   | Depth (mm)  | 700   |           | 700   |           | 700  |           | 700   |            |
| Weight  | kg          | 33.5  |           | 33.5  |           | 33.5   |           | 35  |            |
| Indoor unit*1   |             | SEZ-KD25VA  |           | SEZ-KD35VA  |           | SEZ-KD50VA   |           | SEZ-KD60VA  |            |
| Outdoor unit  |             | SUZ-KA25VA  |           | SUZ-KA35VA  |           | SUZ-KA50VA   |           | SUZ-KA61VA  |            |
| Function  |             | Cooling   | Heating   | Cooling   | Heating   | Cooling  | Heating   | Cooling   | Heating    |
| Capacity (min-max)  | kW          | 0.9 - 3.2   | 0.9 - 4.5 | 1.0 - 3.9   | 0.9 - 5.0 | 1.1 - 5.6  | 1.1 - 7.2 | 1.1 - 6.3   | 0.9 - 8.0  |
| Input   | kW          | 0.778   | 0.83      | 1.09  | 1.108     | 1.78   | 1.87      | 1.89  | 2.05       |
| EER Rated   | COP         | 3.12  | 3.47      | 3.06  | 3.43      | 2.72   | 3.07      | 2.81  | 3.25       |
|  |             |  |           |  |           |  |           |  |            |
| Indoor unit*1   |             | SEZ-KD25VA/VAL  |           | SEZ-KD35VA/VAL  |           | SEZ-KD50VA/VAL   |           | SEZ-KD60VA/VAL  |            |
| Power supply  |             | Single phase, 50Hz, 220-240V  |           | Single phase, 50Hz, 220-240V  |           | Single phase, 50Hz, 220-240V   |           | Single phase, 50Hz, 220-240V  |            |
| Airflow (Lo-Med-Hi)   | L/S         | 92-116-150  |           | 116-150-183   |           | 166-208-250  |           | 200-250-300   |            |
| Ext static pressure   | Pa          | 5-15-35-50  |           | 5-15-35-50  |           | 5-15-35-50   |           | 5-15-35-50  |            |
| Sound pressure level (Low-Mid-High)   | dB(A)       | 23-26-30  |           | 23-28-33  |           | 30-34-37   |           | 30-34-38  |            |
| Dimensions  | Height (mm) | 200   |           | 200   |           | 200  |           | 200   |            |
|   | Width (mm)  | 700   |           | 900   |           | 900  |           | 1,100   |            |
|   | Depth (mm)  | 700   |           | 700   |           | 700  |           | 700   |            |
| Weight  | kg          | 18  |           | 21  |           | 23   |           | 27  |            |

## Specification Chart Outdoor Bulkhead Units

|                          |              |  |  |  |  |  |
|--------------------------|--------------|---|---|---|---|---|
| Outdoor unit             |              | SUZ-KA25VA  | SUZ-KA35VA  | SUZ-KA50VA  | SUZ-KA61VA  | SUZ-KA71VA  |
| External finish          |              | Munsell 3Y 7.8/1.1  |   |   |   |   |
| Power supply             |              | Single phase, 50Hz, 220-240V  |   |   |   |   |
| Compressor output        | kW           | 0.55  | 0.65  |   | 0.85  | 1.3   |
| Airflow                  | L/S          | 568/534   | 551   |   | 818   |   |
| Sound pressure level     | Cooling mode | 46  | 47  |   | 53  |   |
|                          | Heating mode | 46  | 48  |   | 55  |   |
| Sound power level        | dB(A)        | 59  | 61  |   | 68  |   |
|                          | Height (mm)  |   | 550   |   | 850   |   |
| Dimensions               | Width (mm)   |   | 800   |   | 840   |   |
|                          | Depth (mm)   |   | 285   |   | 330   |   |
| Weight                   | kg           | 33  | 37  |   | 53  | 58  |
| Chargeless piping length | m            |   |   | 7   |   |   |
| Max piping length        | m            |   | 20  |   | 30  |   |
| Breaker size             | Amps         |   | 10  |   | 20  |   |

\*1 SEZ-KD models available with wireless remote controller.



# Controlling your comfort is easy in anyone's language.

Our new state of the art Controller allows you to get the most out of your Mitsubishi Electric Ducted Air Conditioning System. To aid communication in today's multicultural society, the control can be switched to 8 different languages.



## Easy To Read Display

The large type in the 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. The only visible buttons are those most frequently used: On/Off and Temperature Up/Down.



## Total 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.

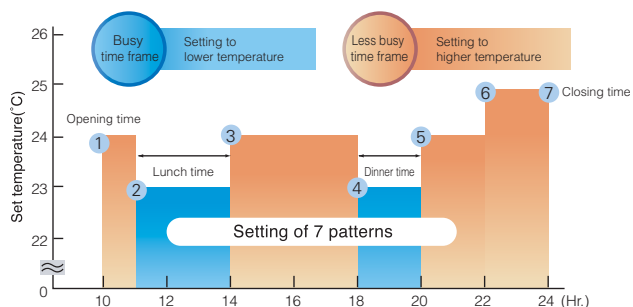


## Energy Saving Control

### 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.

about **10%** Energy Saving  
\*Based on our internal calculation

## Operation Lock

The operation of all buttons on the control can be locked with the exception of the On/Off button.

This stops little children or any unauthorised person changing temperatures or settings that may in turn waste valuable energy and increase running costs.

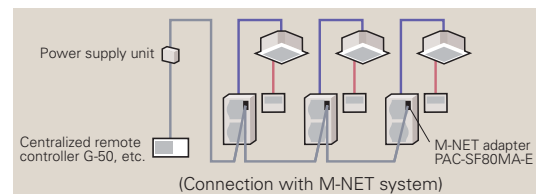
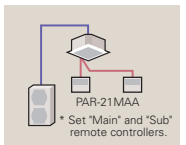
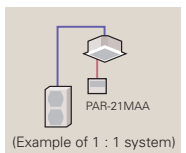
## New Weekly Timer

The Weekly Timer allows you to programme the unit with up to 8 different automatic On/Off and Temperature changes per day, 7 days in advance, which means your home or office can be at the optimum temperature whenever required.

## Versatility Is The Key To Comfort Control

To allow you climate control of your home or office a number of Control System options are available. Three of the most popular are:

- Locating the System Control Unit in a central position, typically near the return air grille.
- Multiple Control Units, either fixed or Infra red, positioned in different rooms, each of which can control your system.
- Multiple Systems controlled by their individual Control Units or via one Central System Control which can be operated locally or "dialed into" through the World Wide Web, allowing you control of your system from anywhere in the world.

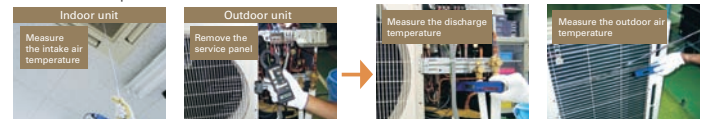


## Easy Maintenance Function

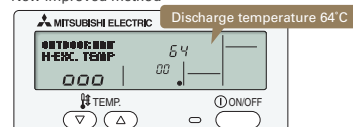
Your System Control can also give you a complete diagnostic on the condition of your indoor and outdoor units at the touch of a button, which means you can be sure that your system is operating efficiently at all times.

In turn if any future service work is required, fault diagnostic time is drastically reduced.

### Conventional inspection work



### New improved method



### Easy maintenance information

| Compressor                               | Outdoor unit                      | Indoor unit                       |
|--|-----------------------------------|-----------------------------------|
| ① Accumulated operating time (x10 hours) | ④ Heat exchanger temperature (°C) | ⑦ Intake air temperature (°C)     |
| ② Number of ON/OFF times (x10 times)     | ⑤ Discharge temperature (°C)      | ⑧ Heat exchanger temperature (°C) |
| ③ Operating current (A)                  | ⑥ Outdoor temperature (°C)        | ⑨ Filter operating time* (Hours)  |

\*The filter operating time is the time elapsed since the filter was reset.

# Warm, even heat in winter and cool fresh 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](http://www.mitsubishielectric.com.au)**

They will determine whether a Compact Inverter System or a 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 Compact and 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.



## MITSUBISHI ELECTRIC AUSTRALIA PTY LTD.

[www.mitsubishielectric.com.au](http://www.mitsubishielectric.com.au) (Incorporated in New South Wales)

ABN 58 001 215 792

### New South Wales

348 Victoria Road  
Rydalmere NSW 2116  
Phone 02 9684 7555  
Fax 02 9898 1043

### Queensland/Northern Territory

Unit 12, 469 Nudgee Road  
Hendra QLD 4011  
Phone 07 3623 2000  
Fax 07 3630 1888

### South Australia

77 Port Road  
Hindmarsh SA 5007  
Phone 08 8340 2000  
Fax 08 8340 0555

### Victoria/Tasmania

Suite 28  
Omnico Business Park  
270 Ferntree Gully Road  
Notting Hill VIC 3168  
Phone 03 9535 7800  
Fax 03 9535 7801

### North QLD - Townsville

Mitsubishi Electric Office  
Phone 07 4728 5223  
Fax 07 4728 5102  
Capricorn Air  
13 Mackley Street  
Garbutt QLD 4814  
Phone 07 4775 5222  
Fax 07 4775 5305

### Western Australia

Unit 5, 329 Collier Road  
Bassendean WA 6054  
Phone 08 9377 3400  
Fax 08 9377 3499



HEAD OFFICE TOKYO BUILDING 2-7-3 MARUNOUCHI, CHIYODA-KU 100-8310, JAPAN



Certificate Number  
49385



Certificate Number  
EC97J1132

Mitsubishi Electric Shizuoka Works acquired ISO9001 certification under Series 9000 of the International Standard Organisation (ISO) based on a review of Quality warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

