



Natural Comfort for Everybody

# Mr. SLIM

Air Conditioning Systems





## Changes for the Better

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

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

MITSUBISHI ELECTRIC  
**#worksforME**



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# Why Choose Mitsubishi Electric?

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

## Quality & Reliability

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

## Flexible Choice

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

## After Sales Service & Spare Parts

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

## Peace of Mind

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



# Benefits of Mr Slim

Mitsubishi Electric Mr Slim air conditioning is used for residential and light commercial applications that offer a diverse selection of indoor and outdoor units to accommodate large homes, small to medium commercial spaces such as café/restaurant indoor seating areas, retail outlets and small offices.

## Flexibility When You Need It

The outdoor unit is 'slim' this gives you the flexibility of installation with a variety of connectible indoor units for greater customisation. Some units are suitable for the narrow pathways to homes, and others are compact with the ability for installation in small spaces.

## Design

There are various designs, whether you require ducted, cassette or under ceiling indoor units, the outdoor unit design also isn't overlooked, from 7.1kW to 24.5kW there is a consistent side discharge style.

## Control Options

The Mr Slim range has a variety of optional controllers available to compliment most requirements. Handheld, Wall Mount, Bluetooth, Wi-Fi and Zone Controllers for individual units and central control options for ease of operating multiple systems.

## Cleaning-Free Pipe Re-Use Technology\*

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

\*Please contact your local dealer for details.

## Other Benefits

Also available in the Mr Slim range is the longer pipe runs on the ZM Outdoor Series, allowing greater flexibility in installation from the indoor to the outdoor units. Handle grips on the outdoor units allow easier handling for installation.



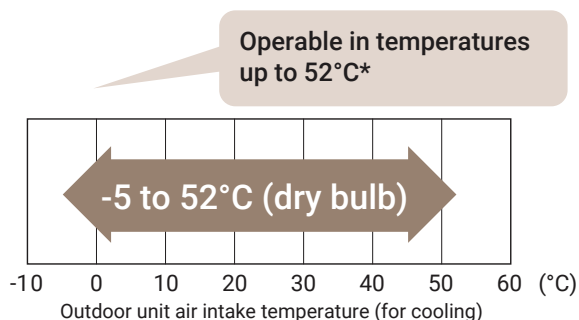
# Technology

With the Mitsubishi Electric Inverter and Power Inverter Series, climate control is available at the touch of a button. A wide selection of combinations are available, from wall hung and ceiling cassettes to ducted systems with the option for zone control. There is a product suitable for almost any residential and light commercial design.

## Guaranteed Operating Range

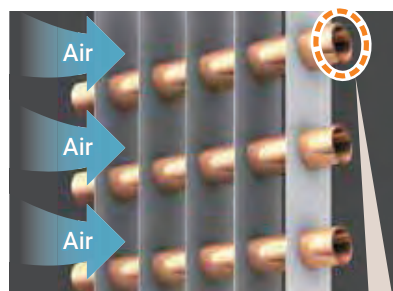
With the harsh Australian environment, it is comforting to know that your air conditioner will continue to operate with a guaranteed operating range of  $-5^{\circ}\text{C}$  to  $52^{\circ}\text{C}^*$ . This means your air conditioner will continue to operate when you need it most.

\*SUZ-M25-71, PUZ-ZM10-250 models only.



## Heat Exchanger

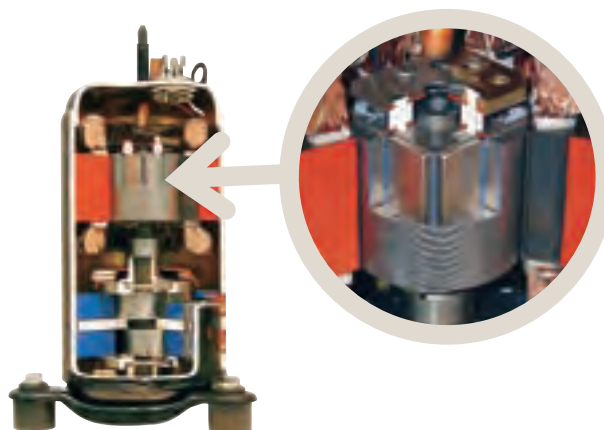
Multi row heat exchanger for highly efficient transfer, for rapid heating and cooling of your home.



Round-tube shape

## Indoor Unit DC Fan Motor

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

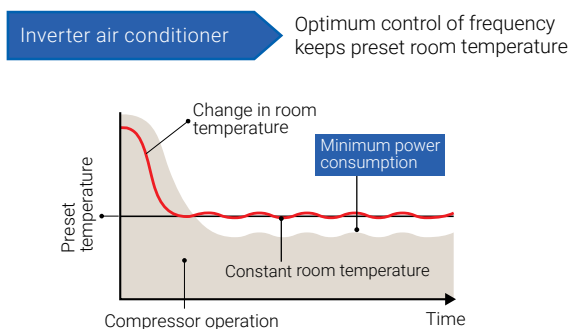
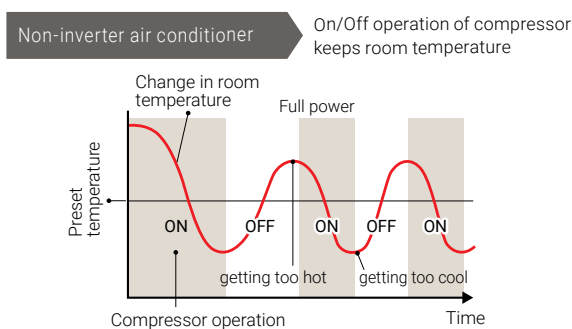




## Inverter Technology/ True Comfort

Mitsubishi Electric Inverters ensure a high level of performance, including the precise control of operation frequency. As a result, power is applied in all heating/cooling ranges, and maximum comfort is achieved while consuming minimal energy. Fast, comfortable operation and low running cost - that's the Mitsubishi Electric promise.

### Inverter Operation Comparison



The compressors of air conditioners without an Inverter start and stop repeatedly to maintain the preset room temperature. This repetitive on/off operation uses excessive electricity and compromises room comfort. The compressors of air conditioners equipped with an Inverter run continuously; the Inverter quickly optimises the operating frequency according to changes in room temperature. This ensures energy-efficient operation and a more comfortable room.

## Outdoor Unit DC Scroll Compressor

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

## Fan Speed & ESP

Multiple choices of static pressure settings for ducted systems allowing flexibility of airflow volume.














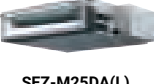
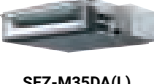
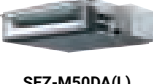
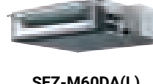
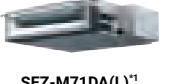
















## Demand Response Capable\*

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

\*SUZ-M, PUZ-M and PUZ-ZM models only.

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

# Product Line-Up

		1-Phase 2.5kW	1-Phase 3.5kW	1-Phase 5.0kW	1-Phase 6.0kW	1-Phase 7.1kW	1 & 3-Phase 10.0kW
Ceiling Cassette	SLZ-M Series	 SLZ-M25FA-A	 SLZ-M35FA-A	 SLZ-M50FA-A	 SLZ-M60FA-A		
	PLA-M Series					 PLA-M71EA-A	 PLA-M100EA-A
	MLZ-KP Series	 MLZ-KP25VF	 MLZ-KP35VF	 MLZ-KP50VF			
Ceiling Suspended	PCA-M Series			 PCA-M50KA	 PCA-M60KA	 PCA-M71KA	 PCA-M100KA
Bulkhead	SEZ-M Series	 SEZ-M25DA(L)	 SEZ-M35DA(L)	 SEZ-M50DA(L)	 SEZ-M60DA(L)	 SEZ-M71DA(L) <sup>1</sup>	
Ceiling Concealed	PEAD-M Series			 PEAD-M50JAAD	 PEAD-M60JAAD	 PEAD-M71JAAD	 PEAD-M100JAAD
	PEA-M GAA Series						 PEA-M100GAA
	PEA-M HAA Series						 PEA-M100HAA
	PEA-M LAA Series						
Wall Mounted	PKA-M Series					 PKA-M71KAL <sup>2</sup>	 PKA-M100KAL <sup>3</sup>
Outdoor Unit	R32 S Series	 SUZ-M25VAD-A	 SUZ-M35VAD-A	 SUZ-M50VAD-A	 SUZ-M60VAD-A	 SUZ-M71VAD-A	
	R32 P Series					 PUZ-ZM71VHA-A	 PUZ-ZM100VKA-A  PUZ-ZM100YKA2-A



\*1 SEZ-M71DA(L) indoor units should be connected to an SUZ outdoor unit.  
 \*2 PKA-M71KAL only compatible with PUZ-ZM71VHA-A.  
 \*3 PKA-M100KAL only connectable with PUZ-ZM100V(Y)KA.  
 \*4 Wireless controller available with SEZ-M25-71DAL.  
 \*5 PLA-M140EA-A and PCA-M140KA only compatible with PUZ-ZM140V(Y)KA-A.

1 & 3-Phase 12.5kW	1 & 3-Phase 14.0kW	1 & 3-Phase 16.0kW	1 & 3-Phase 18.0kW	3-Phase 20.0kW	3-Phase 24.5kW	Remote Controller (Optional)	See Page
							14
 PLA-M125EA-A	 PLA-M140EA-A*5						15
							16
 PCA-M125KA	 PCA-M140KA*5						17
							18
 PEAD-M125JAAD	 PEAD-M140JAAD						19
 PEA-M125GAA	 PEA-M140GAA						20
 PEA-M125HAA	 PEA-M140HAA	 PEA-M160HAA					21
			 PEA-M180LAA	 PEA-M200LAA	 PEA-M250LAA		22
							23
							24
 PUZ-M125VKA-A	 PUZ-M140VKA-A						25
 PUZ-ZM125V(Y)KA-A	 PUZ-ZM140V(Y)KA-A	 PUZ-ZM160V(Y)KA-A	 PUZ-ZM180V(Y)KA-A	 PUZ-ZM200V(Y)KA-A	 PUZ-ZM250V(Y)KA-A		26-27

# Control your Comfort

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

## Wi-Fi CONTROL



### Wi-Fi Control\*1

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

#### Features:

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

### Voice Control

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

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

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

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

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

### Develop Operating Rules

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

### Control Multiple Units

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





PAR-41MAA

## 7 Day Wired Controller

PAR-41MAA

A large easy to read display with backlit LCD.

### Features:

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



PAR-SL97A-E PAR-SL100A-E

## Handheld Controllers

PAR-SL97A-E | PAR-SL100A-E

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

### Features:

- 24 hour timer
- Mode and fan speed selection
- i-Save mode
- Fan Speed

\*Optional receiver PAR-SA9CA-E, PAR-SF9FA-E or PAR-SE9FA-E required.



PAR-CT01MAA-PB

## Bluetooth\* Touch Screen Controller

PAR-CT01MAA-S/SB/PB

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

### Features:

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

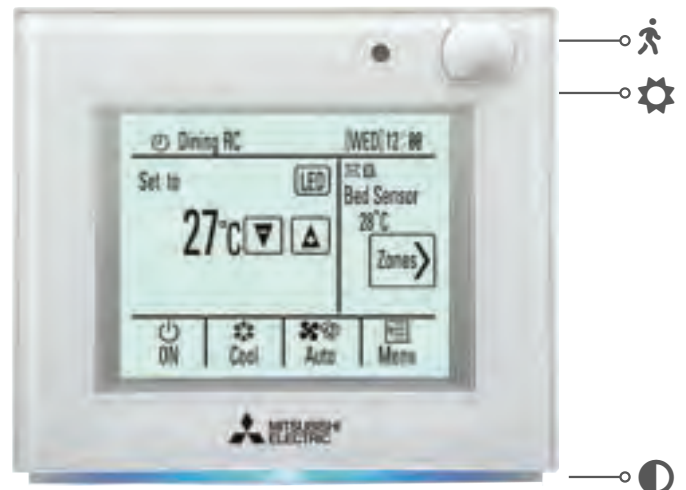
\*Available for PAR-CT01MAA-SB and PAR-CT01MAA-PB.

# Zone Controller

## What is Zoning?

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

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



### Occupancy Sensor

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

### Brightness Sensor

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

### LED Indicator

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

### Weekly Timer

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

## PAR-SL100A-E

With an easy to read backlit 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. It also allows you to control the 3D i-see Sensor (optional part) for the SLZ-M and PLA-M ceiling cassettes.

### 3D i-see Sensor

#### Detects Occupants

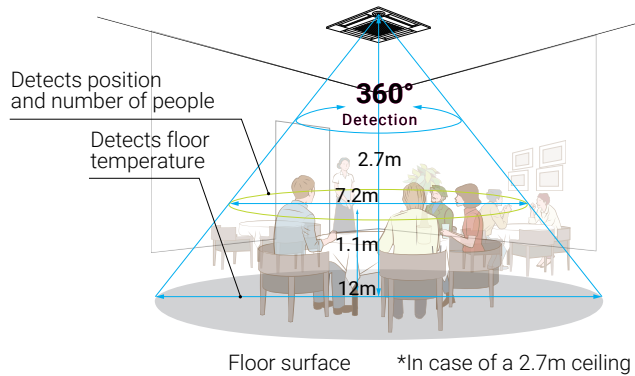
3D i-see Sensor detects the occupancy of people in the room and sets the air conditioning settings accordingly. This makes automatic power-saving operation possible in high traffic areas/places. Additionally, when the area is continuously unoccupied, the system switches to an enhanced power-saving mode.



# 3D i-see Sensor

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

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



## Econo Cool Energy Saving Feature

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

(Function only available during manual cooling operation).

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

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



### Indirect Airflow

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

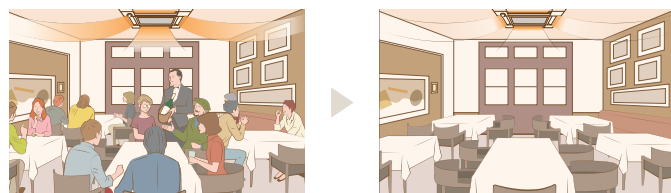


### Direct Airflow

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

### Absence Detection

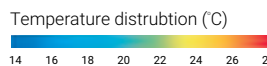
The sensor detects whether there are people in the room. When no-one is in the room, the unit automatically switches to energy-saving mode.



### Econo Cool On



### Conventional Cooling Mode

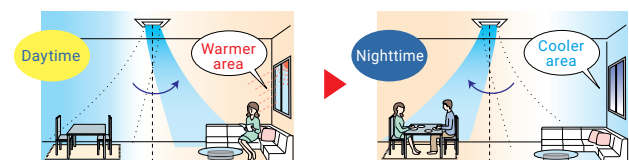


## Area Temperature Monitor

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

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

### Cooling Mode



### Auto Vane

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

# Indoor Units



## SLZ-M Series

### Ceiling Compact Cassette

- Capacity Range: 2.5/3.5/5.0/6.0kW
- Unit Dimensions (mm): 570 (W) x 570 (D) x 245 (H)
- Colour: Pure White
- Multiple Vane Settings

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

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### Compact Design

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

### Air Cleaning Filter

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

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

#### Detects Occupants (Optional)

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





## PLA-M Series Ceiling Cassette

- Capacity Range: 7.1/10.0/12.5/14.0kW
- Unit Dimensions (mm): 840 (W) x 840 (D) x 258 (H)
- Colour: Natural White
- Automatic grille lowering (down to 4m) (Optional)

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

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### Horizontal Airflow

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

### Wide Airflow

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

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

#### Detects Occupants (Optional)

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



## MLZ-KP Series

### Ceiling Cassette

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

The MLZ Series one-way ceiling cassette features a sharp, slim and sleek appearance. Comes with built-in drain pump.

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### Sleek, Slimline Design

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

### Auto Vane Control

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

### Set Airflow According to Ceiling Height

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

### Horizontal Airflow

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







## PCA-M Series

### Ceiling Suspended

- Capacity Range: 5.0/6.0/7.1/10.0/12.5/14.0kW
- Unit Dimensions (mm):
  - 960 (W) x 680 (D) x 230 (H) (PCA-M50)
  - 1,280 (W) x 680 (D) x 230 (H) (PCA-M60-71)
  - 1,600 (W) x 680 (D) x 230 (H) (PCA-M100-140)
- Colour: Natural White
- Designed for schools, shops and restaurants

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

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### Equipped with Automatic Air-Speed Adjustment

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

### Equipped with High and Low Ceiling Modes

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

### Outside-Air Intake

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



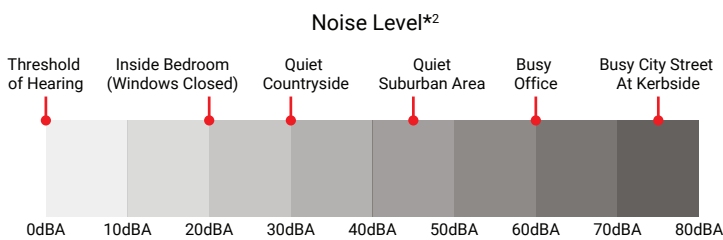
## SEZ-M Series

### Bulkhead

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

### Impressively Quiet

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



\*<sup>1</sup> The sound level for SEZ - is measured in an anechoic chamber, testing standard ISO 3745:2003.

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

### DC Fan Motor

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

### Discreet Design

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





## PEAD-M Series

### Low Profile Mid-Static Ceiling Concealed

- Capacity Range: 5.0/6.0/7.1/10.0/12.0/14.0kW
- Unit Height: 250mm
- Lightweight for ease of installation
- Built-in condensate pump

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

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### Compact Design

The height of the PEAD Series (5.0kW-14.0kW) has been unified to 250mm making installation possible in low ceilings with minimal clearance space. It has variable airflow settings to establish the best operation to match different room layouts. The drainage pump lift is 700mm from the lower surface of the indoor units main body. The solution for low ceiling space, as low as 250mm.

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

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



## PEA-M GAA Series

- Capacity Range: 10.0/12.5/14.0kW
- Unit Dimensions (mm): 1,400 (W) x 634 (D) x 400 (H)
- External Static Pressure: 50/100/150Pa

The GAA Series is a range of high static pressure units, with increased variation in airflow options.

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### Flexibility in Design

A flexible duct design and increased variation in airflow options allow operation that best matches room layouts.

### Ideal Airflow

It is possible to adjust distance between air intake and outlets for optimal airflow. With high static pressures (150Pa), GAA Series units are applicable to a wide range of building types and applications.

### Optional Zone Controller

Upgrading to an optional zone controller gives the option of up to 4 or 8 zones, to provide control to different rooms of the home. Zone Controller is compatible with the optional Wi-Fi Control interface and app.





## PEA-M HAA Series

### 2 Piece Construction



- Capacity Range: 10.0/12.5/14.0/16.0kW
- Unit Dimensions (mm): 1,405 (W) x 900 (D) x 380 (H)
- External Static Pressure: 50/100/150Pa

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### Ease of Installation

The indoor unit can be separated into the fan deck and heat exchanger for ease of transportation and installation into ceiling space. Ideal for the re-modelling of existing homes into roof trusses, thanks to the two-piece construction.

### Ease of Maintenance

With 2-way maintenance access, regular maintenance is easy. Even when the unit is installed near the ceiling and inaccessible from the bottom, the unit is accessible from another side.

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

The HAA Series models incorporate three-stage external static pressure conversions and four fan speed selections, offering the ultimate in comfort solutions. The HAA Series features a maximum static pressure of 150 Pa, which allows longer ductwork and is suitable for a wide range of building types.



## PEA-M LAA Series



- Capacity Range: 18.0/20.0/24.5kW
- Unit Dimensions (mm): 1,370 (W) x 1,120 (D) x 470 (H)
- External Static Pressure: 75/100/150/200/250Pa

### 2 Piece Construction

This ducted fan coil has a two-piece construction, which allows for the separation of the indoor unit heat exchanger and the fan deck assembly. This is beneficial for installation into the roof space, for greater room capacities and increased variation in airflow; providing operation that suits most room layouts.

### Low Power Input with New Fan Design

The PEA-M LAA Series fan motor has been upgraded with a maximum external static pressure of up to 250 Pa and has four fan speed settings. We can achieve this with a newly designed patented Turbo In Sirocco fan that delivers high efficiency with lower power input.

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

The LAA Series models incorporate five-stage external static pressure conversions and four fan speed selections, offering the ultimate in comfort solutions. The LAA Series features a maximum static pressure from 75 to 250 Pa, which allows longer ductwork and is suitable for a wide range of building types.





## PKA-M Series

### Wall Mounted

- Capacity Range: 7.1/10.0kW\*
- Unit Dimensions (mm): 1,170 (W) x 295 (D) x 365 (H)
- Colour: Pure White
- Elegant design and compact dimensions are ideal for offices and shops

\*PKA-M Series only connectible with PUZ-ZM Power Inverter Series.

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### Flat Panel

A flat panel layout has been adopted for the PKA-M Series. Pursuing a design that harmonises with virtually any interior.

### Quick Clean Grille

The intake grille filter can easily slide out completely. This allows easy cleaning without any special tools (can be washed in water).

### Wired Remote Controller Available (Optional)

An optional wired remote controller and a terminal block are available to suit various installation sites.

### Drain Pump Option Available with All Models

Installation of the drain pump enables a drain outlet as high as 800mm above the base of the indoor unit. Drain water can be discharged easily even if the surface where the wall mounted unit does not have direct access outside, increasing the degree of freedom for installation.

# Outdoor Units



## Inverter

### SUZ-M Series

- Capacity Range: 2.5/3.5/5.0/6.0/7.1kW
- Single Phase only

SUZ-M Series outdoor units are now available in R32 refrigerant, making it more energy efficient compared to previous R410A models. Ideal for residential and light commercial applications. i.e. shop front applications, SUZ-M Series works with a broad range of indoor units, perfect for many interior designs.

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## Compact Design

The compact design allows the SUZ-M units to be more versatile, with the ability to fit into small spaces where limited room is an issue.

## Easier Transportation & Installation

The SUZ-M50 has an 18% reduction in height and a 24% reduction in weight, compared to the previous model. Facilitating easier transportation and installation.

## Guaranteed Operating Range

-5(-10)°C\* to 52°C (Cooling), -10°C to 24°C (Heating) (SUZ-M25-35).  
-5(-15)°C\* to 52°C (Cooling), -10°C to 24°C (Heating) (SUZ-M50-71).  
Continue to operate when you need it most.

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







## Inverter

### PUZ-M Series

- Capacity Range: 10.0/12.5/14.0kW
  - Single Phase only
- 

### Compact Design

With a new compact design that is suitable for smaller spaces, installation is more flexible and less obtrusive. The compact nature of the PUZ-M Series also makes transportation and handling easier. (Models PUZ-M100/125 only)

### R32

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

### Full Inverter

The Full Inverter ensures a high level of performance, including the finer control of operation frequency. As a result, improved power management is applied in all heating/cooling ranges and improved comfort is achieved while consuming less energy.

### Guaranteed Operating Range

-5(-15)°C\* to 46°C (Cooling), -5°C to 21°C (Heating).  
Continue to operate when you need it most.

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



## Power Inverter

### PUZ-ZM Series

- Capacity Range: 7.1\*<sup>1</sup>/10.0/12.5/14.0kW
- Single & Three Phase

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

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### Energy Efficiency

Mitsubishi Electric developed the unique 'Poki-Poki motor' in Japan. This innovative motor operates based on high density, high magnetic force, leading to high efficiency and reliability. Utilising the DC motor driving the outdoor unit, efficiency is much higher than an equivalent AC motor. One of the most energy efficient combinations in the market\*<sup>2</sup>.

### Guaranteed Operating Range

-5(-15)°C\*<sup>3</sup> to 52°C (Cooling), -20°C to 21°C (Heating).  
Continue to operate when you need it most.

\*<sup>1</sup> 7.1kW is single phase only.

\*<sup>2</sup> ZM Series with the GAA Indoor based on EER and COP values.

\*<sup>3</sup> Optional air protection guide is required where ambient temperature is lower than -5°C.





## Power Inverter

### PUZ-ZM Series

- Capacity Range: 16.0/18.0/20.0/24.5kW
- Single & Three Phase (20.0/24.5kW Three Phase only)

Mitsubishi Electric introduces Mr Slim Power Inverter PUZ-ZM series outdoor units with R32 refrigerant from 16kW to 24.5 kW. The 16.0 kW and 18.0 kW units are available with either single phase or three phase power supply, making the 18.0 kW model one of the largest single phase available in the market.

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### New Side Discharge Outdoor Unit

The Mr Slim outdoor PUZ-ZM250YKA-A is now a side discharge unit with twin fans, compared to the previous PUZ-RP250YKM-A top discharge unit. The new design is 1,338mm high and 139kg, making it possible to install the outdoor unit in discrete locations and easier to transport to sites.

### Long Pipe Lengths

The Mr Slim outdoor units feature power inverter technology with superior turndown capacity and long piping lengths up to 100m for PUZ-ZM200/250YKA-A. For installations with a pipe length of 50m or less, it is possible to use 7/8" soft drawn copper pipe for Mr Slim outdoor units PUZ-ZM200/250YKA-A. These two models do not require additional refrigerant charge when the installed pipe length is 50m or less and helps reduce installation cost and time.

### Guaranteed Operating Range

-5(-15)°C\* to 52°C (Cooling), -20°C to 21°C (Heating).  
Continue to operate when you need it most.

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

# Product Specifications



SLZ-M Series (Ceiling Compact Cassette)							
Indoor Unit		SLZ-M25FA-A	SLZ-M35FA-A	SLZ-M50FA-A	SLZ-M60FA-A		
Outdoor Unit		SUZ-M25VAD-A	SUZ-M35VAD-A	SUZ-M50VAD-A	SUZ-M60VAD-A		
Refrigerant		R32					
Power Supply (V, Phase, Hz)		230 V, Single-phase, 50/60 Hz, Outdoor unit supply					
Cooling	Capacity [Min-Rated*4-Max]	kW	1.50 - 2.50 - 3.50	1.50 - 3.50 - 4.00	2.30 - 5.00 - 5.50	2.30 - 5.60 - 6.70	
	Total Input [Rated]*4	kW	0.62	0.93	1.49	1.64	
	EER/AEER*1			4.03/3.88	3.76/3.68	3.35/3.31	3.41/3.35
	Star Rating			3.5	3.0	2.0	2.0
	Running Current [Rated]*4		A	3.30	4.30	6.60	7.20
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39	32 - 40 - 43
		Out (PWL)	dBA	45 (59)	48 (62)	48 (64)	49 (65)
Air Volume (In) Lo-Mid-Hi		L/s	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192	125 - 192 - 217	
Heating	Capacity [Min-Rated*5-Max]	kW	1.30 - 3.00 - 4.10	1.30 - 4.00 - 5.00	1.70 - 5.00 - 5.50	2.50 - 6.00 - 7.60	
	Total Input [Rated]*5	kW	0.78	1.05	1.58	1.87	
	COP/ACOP*1			3.85/3.73	3.80/3.73	3.16/3.12	3.20/3.16
	Star Rating			2.5	2.5	1.5	1.5
	Running Current [Rated]*5		A	3.90	4.80	7.10	8.20
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39	32 - 40 - 43
		Out (PWL)	dBA	46 (59)	48 (63)	49 (66)	51 (68)
Air Volume (In) Lo-Mid-Hi		L/s	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192	125 - 192 - 217	
Max. Running Current		A	7.00	8.80	13.80	15.20	
Indoor Unit	Input [Rated]	kW	0.02	0.03	0.03	0.04	
	Dimensions [HxWxD]	mm	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	
	Panel [HxWxD]	mm	10 x 625 x 625	10 x 625 x 625	10 x 625 x 625	10 x 625 x 625	
Weight (Panel)		kg	15.0 (3.0)	15.0 (3.0)	15.0 (3.0)	15.0 (3.0)	
Outdoor Unit	Dimensions [HxWxD]	mm	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	880 x 840 x 330	
	Weight	kg	30.0	35.0	41.0	54.0	
	Breaker Size	A	10	10	20	20	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70	ø6.35/ø15.88	
	Max. Length/Height	m	20/12	20/12	30/30	30/30	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 52	-10 ~ 52	-15 ~ 52*3	-15 ~ 52*3	
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	
Pre-Charge Refrigerant		kg	0.65 (7m)	0.90 (7m)	1.20 (7m)	1.25 (7m)	
Additional Refrigerant		g/m	20	20	20	20	

**Notes:**

- \*1 MEPS compliant.
- \*2 Sound pressure level measured in anechoic room at 1m.
- \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

- \*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB
- \*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB



PLA-M Series (Ceiling Cassette)						
Indoor Unit		PLA-M71EA-A	PLA-M100EA-A	PLA-M125EA-A		
Outdoor Unit		SUZ-M71VAD-A	PUZ-M100VKA-A	PUZ-M125VKA-A		
Refrigerant		R32				
Power Supply (V, Phase, Hz)		230 V, Single-phase, 50/60 Hz	230 V, Single-phase, 50 Hz			
Cooling	Capacity [Min-Rated*4-Max]	kW	2.80 - 7.10 - 8.10	4.00 - 10.00 - 10.60	5.80 - 12.00 - 13.00	
	Total Input [Rated]*4	kW	1.87	2.88	3.46	
	EER/AEER*1		3.79/3.73	3.47/3.36	3.46/3.38	
	Running Current [Rated]*4	A	8.20	12.90	16.80	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	28 - 30 - 32 - 34	31 - 34 - 37 - 40	33 - 37 - 41 - 44
		Out (PWL)	dBA	49 (66)	52 (71)	54 (72)
Air Volume (In) (Lo-Mid2-Mid1-Hi)	L/s	267 - 283 - 317 - 350	317 - 383 - 433 - 483	350 - 417 - 467 - 517		
Heating	Capacity [Min-Rated*5-Max]	kW	2.60 - 8.00 - 10.20	2.80 - 11.20 - 12.50	4.10 - 14.00 - 15.00	
	Total Input [Rated]*5	kW	2.17	2.98	3.85	
	COP/ACOP*1		3.68/3.63	3.75/3.64	3.63/3.55	
	Running Current [Rated]*5	A	9.50	13.30	17.30	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	28 - 30 - 32 - 34	31 - 34 - 37 - 40	33 - 37 - 41 - 44
		Out (PWL)	dBA	51 (68)	54 (72)	56 (74)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	267 - 283 - 317 - 350	317 - 383 - 433 - 483	350 - 417 - 467 - 517		
Max. Running Current	A	15.10	20.50	27.20		
Indoor Unit	Input [Rated]	kW	0.04	0.07	0.10	
	Dimensions [HxWxD]	mm	258 x 840 x 840	298 x 840 x 840	298 x 840 x 840	
	Panel [HxWxD]	mm	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	
	Weight (Panel)	kg	21.0 (5.0)	24.0 (5.0)	27.0 (5.0)	
Outdoor Unit	Dimensions [HxWxD]	mm	880 x 840 x 330	981 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	
	Weight	kg	55.0	76.0	84.0	
	Breaker Size	A	20	32	32	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	30/30	55/30	55/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 52	-15 ~ 46	-15 ~ 46	
	Heating	°C	-10 ~ 24	-15 ~ 21	-15 ~ 21	
Pre-Charge Refrigerant	kg	1.45 (7m)	3.1 (30m)	3.6 (30m)		
Additional Refrigerant	g/m	40	40	40		

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Product Specifications



PLA-M Series (Ceiling Cassette)										
Indoor Unit		PLA-M71EA-A	PLA-M100EA-A		PLA-M125EA-A		PLA-M140EA-A			
Outdoor Unit		PUZ-ZM 71VHA-A	PUZ-ZM 100VKA-A	PUZ-ZM 100YKA2-A	PUZ-ZM 125VKA-A	PUZ-ZM 125YKA-A	PUZ-ZM 140VKA-A	PUZ-ZM 140YKA-A		
Refrigerant		R32								
Power Supply		V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz								
Cooling	Capacity [Min-Rated <sup>*4</sup> -Max]	kW	3.30 - 7.10 - 8.10	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00	6.20 - 13.50 - 15.30	6.20 - 13.50 - 15.30	
	Total Input [Rated] <sup>*4</sup>	kW	1.78	2.43	2.43	3.55	3.55	3.93	3.93	
	EER/AEER <sup>*1</sup>		3.98/3.77	4.11/3.95	4.11/3.87	3.52/3.42	3.52/3.37	3.43/3.34	3.43/3.30	
	Running Current [Rated] <sup>*4</sup>	A	8.10	11.10	5.10	16.60	5.50	18.07	6.40	
	Sound Pressure Level <sup>*2</sup>	In (Lo-Mid2-Mid1 -Hi)	dBA	28 - 30 - 32 - 34	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44	33 - 37 - 41 - 44	36 - 39 - 42 - 44	36 - 39 - 42 - 44
		Out (PWL)	dBA	47 (67)	49 (69)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)
Air Volume (In) (Lo-Mid2-Mid1 -Hi)	L/s	267 - 283 - 317 - 350	317 - 383 - 433 - 483	317 - 383 - 433 - 483	350 - 417 - 467 - 517	350 - 417 - 467 - 517	400 - 433 - 483 - 533	400 - 433 - 483 - 533		
Heating	Capacity [Min-Rated <sup>*5</sup> -Max]	kW	3.50 - 8.00 - 10.20	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	
	Total Input [Rated] <sup>*5</sup>	kW	2.03	2.94	2.94	3.58	3.58	4.48	4.48	
	COP/ACOP <sup>*1</sup>		3.94/3.75	3.80/3.68	3.80/3.62	3.91/3.80	3.91/3.75	3.57/3.49	3.57/3.45	
	Running Current [Rated] <sup>*5</sup>	A	9.89	14.02	5.10	16.30	5.90	21.14	7.20	
	Sound Pressure Level <sup>*2</sup>	In (Lo-Mid2-Mid1 -Hi)	dBA	28 - 30 - 32 - 34	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44	33 - 37 - 41 - 44	36 - 39 - 42 - 44	36 - 39 - 42 - 44
		Out (PWL)	dBA	51 (70)	51 (69)	50 (69)	52 (70)	52 (70)	52 (71)	52 (71)
Air Volume (In) (Lo-Mid2-Mid1 -Hi)	L/s	267 - 283 - 317 - 350	317 - 838 - 433 - 483	317 - 383 - 433 - 483	350 - 417 - 467 - 517	350 - 417 - 467 - 517	400 - 433 - 483 - 533	400 - 433 - 483 - 533		
Max. Running Current	A	19.27	27.96	11.96	28.16	12.16	29.16	12.16		
Indoor Unit	Input [Rated]	kW	0.04	0.07	0.07	0.10	0.10	0.10	0.10	
	Dimensions [HxWxD]	mm	258 x 840 x 840	298 x 840 x 840	298 x 840 x 840	298 x 840 x 840	298 x 840 x 840	298 x 840 x 840	298 x 840 x 840	
	Panel [HxWxD]	mm	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	
Weight (Panel)	kg	21.0 (5.0)	24.0 (5.0)	24.0 (5.0)	27.0 (5.0)	27.0 (5.0)	27.0 (5.0)	27.0 (5.0)		
Outdoor Unit	Dimensions [HxWxD]	mm	943 x 950 x 330 (+25)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	70.0	113.0	113.0	113.0	113.0	113.0	113.0	
	Breaker Size	A	25	32	16	32	16	40	16	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	50/30	75/30	75/30	75/30	75/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]	Cooling <sup>*3</sup>	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	
	Heating	°C	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Pre-Charge Refrigerant	kg	2.8 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)		
Additional Refrigerant	g/m	40	40	40	40	40	40	40		

## Notes:

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

## Rating Conditions:

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB



<b>MLZ-KP Series (Ceiling Cassette)</b>						
<b>Indoor Unit</b>		<b>MLZ-KP25VF</b>	<b>MLZ-KP35VF</b>	<b>MLZ-KP50VF</b>		
<b>Outdoor Unit</b>		<b>SUZ-M25VAD-A</b>	<b>SUZ-M35VAD-A</b>	<b>SUZ-M50VAD-A</b>		
<b>Refrigerant</b>		R32				
<b>Power Supply (V, Phase, Hz)</b>		230 V, Single-phase, 50/60 Hz, Outdoor unit supply				
<b>Cooling</b>	Capacity [Min-Rated*4-Max]	kW	1.50 - 2.50 - 3.20	1.50 - 3.50 - 4.10	2.30 - 5.00 - 5.50	
	Total Input [Rated]*4	kW	0.59	0.90	1.37	
	EER/AEER*1			4.23/4.07	3.80/3.88	3.59/3.64
	Star Rating			3.5	3.0	2.5
	Running Current [Rated]*4		A	3.30	4.20	6.10
	Sound Pressure Level*2	In (Slo-Lo-Mid-Hi)	dB(A)	27 - 31 - 34 - 38	27 - 32 - 36 - 40	29 - 36 - 41 - 47
		Out (PWL)	dB(A)	45 (59)	48 (62)	48 (64)
Air Volume (In) Slo-Lo-Mid-Hi		L/s	100 - 120 - 133 - 147	100 - 122 - 140 - 157	100 - 138 - 163 - 190	
<b>Heating</b>	Capacity [Min-Rated*5-Max]	kW	1.30 - 3.20 - 4.20	1.30 - 4.10 - 4.70	1.70 - 6.00 - 6.80	
	Total Input [Rated]*5	kW	0.79	1.13	1.83	
	COP/ACOP*1			4.05/3.93	3.62/3.56	3.27/3.24
	Star Rating			3.5	2.5	2.0
	Running Current [Rated]*5		A	4.00	5.00	8.10
	Sound Pressure Level*2	In (Slo-Lo-Mid-Hi)	dB(A)	26 - 29 - 34 - 37	26 - 32 - 36 - 40	26 - 37 - 42 - 48
		Out (PWL)	dB(A)	46 (59)	48 (63)	49 (66)
Air Volume (In) Slo-Lo-Mid-Hi		L/s	100 - 117 - 137 - 153	100 - 128 - 147 - 165	100 - 147 - 172 - 197	
<b>Max. Running Current</b>		A	7.20	8.90	13.90	
<b>Indoor Unit</b>	Input [Rated]	kW	0.04	0.04	0.04	
	Dimensions [HxWxD]	mm	185 x 1102 x 380	185 x 1102 x 380	185 x 1102 x 380	
	Panel [HxWxD]	mm	24 x 1200 x 424	24 x 1200 x 424	24 x 1200 x 424	
	Weight (Panel)	kg	15.5 (3.5)	15.5 (3.5)	15.5 (3.5)	
<b>Outdoor Unit</b>	Dimensions [HxWxD]	mm	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	
	Weight	kg	30.0	35.0	41.0	
	Breaker Size	A	10	10	20	
<b>Ext. Piping</b>	Diameter [Liquid/Gas]	mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70	
	Max. Length/Height	m	20/12	20/12	30/30	
<b>Guaranteed Operating Range [Outdoor]</b>	Cooling	°C	-10 ~ 52	-10 ~ 52	-15 ~ 52*3	
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	
<b>Pre-Charge Refrigerant</b>		kg	0.65 (7m)	0.90 (7m)	1.20 (7m)	
<b>Additional Refrigerant</b>		g/m	20	20	20	

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Product Specifications



PCA-M Series (Ceiling Suspended)								
Indoor Unit		PCA-M50KA	PCA-M60KA	PCA-M71KA	PCA-M100KA	PCA-M125KA		
Outdoor Unit		SUZ-M50VAD-A	SUZ-M60VAD-A	SUZ-M71VAD-A	PUZ-M100VKA-A	PUZ-M125VKA-A		
Refrigerant		R32						
Power Supply (V, Phase, Hz)		230 V, Single-phase, 50/60 Hz, Outdoor unit supply			230 V, Single-phase, 50 Hz			
Cooling	Capacity [Min-Rated*4-Max]	kW	2.30 - 5.00 - 6.00	2.30 - 6.00 - 6.50	3.30 - 7.10 - 8.10	4.00 - 10.00 - 10.60	5.70 - 11.50 - 13.00	
	Total Input [Rated]*4	kW	1.28	1.60	1.98	2.97	3.60	
	EER/AEER*1		3.90/3.84	3.75/3.68	3.58/3.53	3.36/3.26	3.19/3.11	
	Running Current [Rated]*4	A	5.80	7.00	8.70	13.40	16.30	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	39 - 41 - 43 - 45
		Out (PWL)	dBA	48 (64)	49 (65)	49 (66)	52 (71)	54 (72)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	167 - 183 - 217 - 250	250 - 267 - 283 - 317	267 - 283 - 300 - 333	367 - 400 - 433 - 467	383 - 417 - 450 - 483		
Heating	Capacity [Min-Rated*5-Max]	kW	1.70 - 6.00 - 7.00	2.80 - 7.00 - 8.00	3.50 - 8.00 - 10.20	2.80 - 11.20 - 12.50	4.10 - 14.00 - 15.00	
	Total Input [Rated]*5	kW	1.65	1.72	2.24	3.38	4.35	
	COP/ACOP*1		3.63/3.59	4.06/4.00	3.57/3.52	3.31/3.22	3.21/3.15	
	Running Current [Rated]*5	A	7.30	7.50	9.80	15.30	19.50	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	39 - 41 - 43 - 45
		Out (PWL)	dBA	49 (66)	51 (68)	51 (68)	54 (72)	56 (74)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	167 - 183 - 217 - 250	250 - 267 - 283 - 317	267 - 283 - 300 - 333	367 - 400 - 433 - 467	383 - 417 - 450 - 483		
Max. Running Current	A	13.90	15.50	15.50	20.70	27.30		
Indoor Unit	Input [Rated]	kW	0.05	0.06	0.06	0.09	0.11	
	Dimensions [HxWxD]	mm	230 x 960 x 680	230 x 1280 x 680	230 x 1280 x 680	230 x 1600 x 680	230 x 1600 x 680	
	Weight	kg	26.0	32.0	32.0	37.0	38.0	
Outdoor Unit	Dimensions [HxWxD]	mm	714 x 800 x 285	880 x 840 x 330	880 x 840 x 330	981 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	
	Weight	kg	41.0	54.0	55.0	113.0	113.0	
	Breaker Size	A	20	20	20	32	32	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	30/30	30/30	30/30	55/30	55/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 46	
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-15 ~ 21	-15 ~ 21	
Pre-Charge Refrigerant	kg	1.20 (7m)	1.25 (7m)	1.45 (7m)	3.10 (30m)	3.60 (30m)		
Additional Refrigerant	g/m	20	20	40	40	40		

## Notes:

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

## Rating Conditions:

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB





PCA-M Series (Ceiling Suspended)										
Indoor Unit		PCA-M71KA	PCA-M100KA		PCA-M125KA		PCA-M140KA			
Outdoor Unit		PUZ-ZM71 VHA-A	PUZ-ZM 100VKA-A	PUZ-ZM 10YKA2-A	PUZ-ZM 125VKA-A	PUZ-ZM 125YKA-A	PUZ-ZM 140VKA-A	PUZ-ZM 140YKA-A		
Refrigerant		R32								
Power Supply (V, Phase, Hz)		V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz								
Cooling	Capacity [Min-Rated*4-Max]	kW	3.30 - 7.10 - 8.10	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00	6.20 - 13.50 - 15.30	6.20 - 13.50 - 15.30	
	Total Input [Rated]*4	kW	1.82	2.55	2.55	3.77	3.77	4.15	4.15	
	EER/AEER*1		3.90/3.69	3.92/3.77	3.92/3.70	3.31/3.22	3.31/3.18	3.25/3.17	3.25/3.14	
	Running Current [Rated]*4	A	8.30	11.60	4.33	17.12	6.40	18.07	7.04	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	39 - 41 - 43 - 45	41 - 43 - 45 - 48	41 - 43 - 45 - 48
		Out (PWL)	dBA	47 (67)	49 (69)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	267 - 283 - 300 - 333	367 - 400 - 433 - 467	367 - 400 - 433 - 467	383 - 417 - 450 - 483	383 - 417 - 450 - 483	400 - 433 - 483 - 533	400 - 433 - 483 - 533		
Heating	Capacity [Min-Rated*5-Max]	kW	3.50 - 8.00 - 10.20	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	
	Total Input [Rated]*5	kW	2.15	3.28	3.28	4.22	4.22	4.72	4.72	
	COP/ACOP*1		3.72/3.55	3.41/3.31	3.41/3.26	3.31/3.23	3.31/3.20	3.38/3.31	3.38/3.28	
	Running Current [Rated]*5	A	10.06	14.30	5.50	19.46	6.56	21.40	7.85	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	39 - 41 - 43 - 45	41 - 43 - 45 - 48	41 - 43 - 45 - 48
		Out (PWL)	dBA	51 (70)	51 (69)	51 (69)	52 (70)	52 (70)	52 (71)	52 (71)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	267 - 283 - 300 - 333	367 - 400 - 433 - 467	367 - 400 - 433 - 467	383 - 417 - 450 - 483	383 - 417 - 450 - 483	400 - 433 - 483 - 533	400 - 433 - 483 - 533		
Max. Running Current	A	19.42	28.15	12.15	28.26	12.26	29.40	12.40		
Indoor Unit	Input [Rated]	kW	0.06	0.09	0.09	0.11	0.11	0.14	0.14	
	Dimensions [HxWxD]	mm	230 x 1280 x 680	230 x 1600 x 680	230 x 1600 x 680	230 x 1600 x 680	230 x 1600 x 680	230 x 1600 x 680	230 x 1600 x 680	
	Weight	kg	32.0	37.0	37.0	38.0	38.0	40.0	40.0	
Outdoor Unit	Dimensions [HxWxD]	mm	943 x 950 x 330 (+25)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	70.0	113.0	113.0	113.0	113.0	113.0	113.0	
	Breaker Size	A	25	32	16	32	16	40	16	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	50/30	75/30	75/30	75/30	75/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	
	Heating	°C	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Pre-Charge Refrigerant	kg	2.8 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)	4.0 (30m)		
Additional Refrigerant	g/m	40	40	40	40	40	40	40		

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Product Specifications



SEZ-M Series (Bulkhead)								
Indoor Unit		SEZ-M25DA(L)*4	SEZ-M35DA(L)*4	SEZ-M50DA(L)*4	SEZ-M60DA(L)*4	SEZ-M71DA(L)*4		
Outdoor Unit		SUZ-M25VAD-A	SUZ-M35VAD-A	SUZ-M50VAD-A	SUZ-M60VAD-A	SUZ-M71VAD-A		
Refrigerant		R32						
Power Supply (V, Phase, Hz)		230 V, Single, 50/60 Hz, Outdoor unit supply						
Cooling	Capacity [Min-Rated*5-Max]	kW	1.50 - 2.50 - 3.30	1.50 - 3.50 - 4.00	2.30 - 5.00 - 6.30	2.30 - 6.00 - 6.50	2.80 - 7.10 - 8.30	
	Total Input [Rated]*5	kW	0.70	1.01	1.40	1.73	2.14	
	EER/AEER*1		3.57/3.45	3.46/3.39	3.57/3.51	3.46/3.41	3.31/3.27	
	Running Current [Rated]*5	A	3.70	4.70	6.40	7.60	9.40	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	22 - 25 - 29	23 - 28 - 33	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39
		Out (PWL)	dBA	45 (59)	48 (63)	48 (66)	49 (68)	49 (68)
Air Volume (In) Lo-Mid-Hi	L/s	92 - 117 - 150	117 - 150 - 183	167 - 208 - 250	200 - 250 - 300	200 - 267 - 333		
Heating	Capacity [Min-Rated*5-Max]	kW	1.30 - 3.00 - 4.20	1.30 - 4.00 - 5.00	1.70 - 6.00 - 7.20	2.50 - 7.00 - 8.00	2.60 - 8.00 - 10.40	
	Total Input [Rated]*6	kW	0.78	1.11	1.66	2.0	2.22	
	COP/ACOP*1		3.44/3.35	3.60/3.53	3.61/3.57	3.50/3.45	3.60/3.55	
	Running Current [Rated]*6	A	4.30	5.00	7.50	8.70	9.70	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	22 - 25 - 29	23 - 28 - 33	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39
		Out (PWL)	dBA	59 (59)	62 (63)	64 (66)	65 (68)	66 (68)
Air Volume (In) Lo-Mid-Hi	L/s	92 - 117 - 150	117 - 150 - 183	167 - 208 - 250	200 - 250 - 300	200 - 267 - 333		
Max. Running Current	A	7.20	9.00	16.10	15.50	15.70		
Indoor Unit	Input [Rated]	kW	0.04	0.05	0.07	0.07	0.10	
	Dimensions [HxWxD]	mm	200 x 790 x 700	200 x 990 x 700	200 x 990 x 700	200 x 1190 x 700	200 x 1190 x 700	
	Weight [Panel]	kg	17.5	21.0	22.0	25.5	25.5	
	Static Pressure	Pa	5/15/35/50	5/15/35/50	5/15/35/50	5/15/35/50	5/15/35/50	
Outdoor Unit	Dimensions [HxWxD]	mm	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	880 x 840 x 330	880 x 840 x 330	
	Weight	kg	30.0	35.0	41.0	54.0	55.0	
	Breaker Size	A	10	10	20	20	20	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	20/12	20/12	30/30	30/30	30/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-10 ~ 52	-10 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	
Supply Air Duct	mm	660 x 150	860 x 150	860 x 150	1060 x 150	1060 x 150		
Return Air Duct	mm	660 x 157.5	860 x 157.5	860 x 157.5	1060 x 157.5	1060 x 157.5		
Pre-Charge Refrigerant	kg	0.65 (7m)	0.90 (7m)	1.20 (7m)	1.25 (7m)	1.45 (7m)		
Additional Refrigerant	g/m	20	20	20	20	40		

## Notes:

- \*1 MEPS compliant.
- \*2 Sound pressure level measured in anechoic room at 1m.
- \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.
- \*4 For wireless controller option, use SEZ-M DAL (include wireless controller).  
For wired controller option, use SEZ-M DA (exclude wired controller which should be ordered separately).

## Rating Conditions:

- \*5 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB
- \*6 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB



PEAD-M Series (Ceiling Concealed)									
Indoor Unit		PEAD-M50JAAD	PEAD-M60JAAD	PEAD-M71JAAD	PEAD-M100JAAD	PEAD-M125JAAD	PEAD-M140JAAD		
Outdoor Unit		SUZ-M50VAD-A	SUZ-M60VAD-A	SUZ-M71VAD-A	PUZ-M100VKA	PUZ-M125VKA	PUZ-M140VKA		
Refrigerant		R32							
Power Supply (V, Phase, Hz)		V: 230 V, Single-phase, 50/60 Hz			V: 230 V, Single-phase, 50 Hz				
Cooling	Capacity [Min-Rated <sup>*4</sup> -Max]	kW	2.30 - 5.00 - 6.20	2.30 - 6.00 - 6.50	2.80 - 7.10 - 8.10	4.00 - 10.00 - 10.60	6.00 - 12.00 - 13.50	6.20 - 14.00 - 15.30	
	Total Input [Rated] <sup>*4</sup>	kW	1.33	1.72	1.98	3.06	3.83	4.40	
	EER/AEER <sup>*1</sup>		3.75/3.70	3.48/3.43	3.58/3.53	3.26/3.13	3.13/3.03	3.18/3.09	
	Running Current [Rated] <sup>*4</sup>	A	6.00	7.50	8.70	14.10	17.80	20.40	
	Sound Pressure Level <sup>*2</sup>	In (Lo-Mid-Hi)	dBA	30 - 35 - 39	30 - 33 - 37	30 - 34 - 39	33 - 38 - 42	36 - 40 - 44	40 - 44 - 49
		Out (PWL)	dBA	48 (64)	49 (65)	49 (66)	52 (71)	54 (72)	53 (71)
Air Volume (In) Lo-Mid-Hi	L/s	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567	492 - 592 - 700	533 - 650 - 767		
Heating	Capacity [Min-Rated <sup>*5</sup> -Max]	kW	1.70 - 6.00 - 7.40	2.80 - 7.00 - 8.00	2.60 - 8.00 - 10.20	2.80 - 12.50 - 12.50	4.10 - 14.00 - 15.50	5.70 - 16.00 - 18.00	
	Total Input [Rated] <sup>*5</sup>	kW	1.44	1.85	2.00	3.35	3.68	4.30	
	COP/ACOP <sup>*1</sup>		4.16/4.09	3.78/3.72	4.00/3.93	3.73/3.59	3.80/3.67	3.72/3.61	
	Running Current [Rated] <sup>*5</sup>	A	6.40	8.10	8.80	16.50	17.10	20.00	
	Sound Pressure Level <sup>*2</sup>	In (Lo-Mid-Hi)	dBA	30 - 35 - 39	30 - 33 - 37	30 - 34 - 39	33 - 38 - 42	36 - 40 - 44	40 - 44 - 49
		Out (PWL)	dBA	49 (66)	51 (68)	51 (68)	54 (72)	56 (74)	54 (72)
Air Volume (In) Lo-Mid-Hi	L/s	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567	492 - 592 - 700	533 - 650 - 767		
Max. Running Current	A	14.50	15.80	16.10	29.00	29.30	29.64		
Indoor Unit	Input [Rated] (Cooling/Heating)	kW	0.11/0.09	0.12/0.10	0.17/0.15	0.25	0.36	0.39	
	Dimensions [HxWxD]	mm	250 x 900 x 732	250 x 1100 x 732	250 x 1100 x 732	250 x 1400 x 732	250 x 1400 x 732	250 x 1600 x 732	
	Weight	kg	27.0	30.0	30.0	39.0	40.0	44.0	
	Static Pressure	Pa	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	
Outdoor Unit	Dimensions [HxWxD]	mm	714 x 800 x 285	880 x 840 x 330	880 x 840 x 330	981 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	41.0	54.0	55.0	76.0	84.0	99.0	
	Breaker Size	A	20	20	20	32	32	40	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	30/30	30/30	30/30	55/30	55/30	55/30	
Guaranteed Operating Range [Outdoor]	Cooling <sup>*3</sup>	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 46	-15 ~ 46	
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-15 ~ 21	-15 ~ 21	-15 ~ 21	
Supply Air Duct	mm	860 x 178	1060 x 178	1060 x 178	1360 x 178	1360 x 178	1560 x 178		
Return Air Duct	mm	858 x 210	1058 x 210	1058 x 210	1358 x 210	1358 x 210	1558 x 210		
Pre-Charge Refrigerant	kg	1.20 (7m)	1.25 (7m)	1.45 (7m)	3.1 (30m)	3.6 (30m)	4.0 (55m)		
Additional Refrigerant	g/m	20	20	40	40	40	N/A		

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Product Specifications



PEAD-M Series (Ceiling Concealed)										
Indoor Unit		PEAD-M71JAAD		PEAD-M100JAAD		PEAD-M125JAAD		PEAD-M140JAAD		
Outdoor Unit		PUZ-ZM 71VHA-A		PUZ-ZM 100VKA-A		PUZ-ZM 125VKA		PUZ-ZM 140VKA		
Refrigerant		R32								
Power Supply (V, Phase, Hz)		V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz								
Cooling	Capacity [Min-Rated*4-Max]	kW	3.30 - 7.10 - 8.10	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	
	Total Input [Rated]*4	kW	1.85	2.67	2.67	3.66	3.66	4.37	4.37	
	EER/AEER*1		3.83/3.63	3.74/3.60	3.74/3.54	3.41/3.32	3.41/3.28	3.20/3.13	3.20/3.09	
	Running Current [Rated]*4	A	8.30	12.20	4.53	16.70	6.10	19.77	7.10	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	30 - 34 - 39	33 - 38 - 42	33 - 38 - 42	36 - 40 - 44	36 - 40 - 44	40 - 44 - 49	40 - 44 - 49
		Out (PWL)	dBA	47 (67)	49 (69)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)
Air Volume (In) Lo-Mid-Hi	L/s	292 - 350 - 417	400 - 483 - 567	400 - 483 - 567	492 - 592 - 700	492 - 592 - 700	533 - 650 - 767	533 - 650 - 767		
Heating	Capacity [Min-Rated*5-Max]	kW	3.50 - 8.00 - 10.20	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	
	Total Input [Rated]*5	kW	1.93	2.80	2.80	3.52	3.52	4.18	4.18	
	COP/ACOP*1		4.14/3.93	4.00/3.86	4.00/3.79	3.97/3.86	3.97/3.81	3.82/3.73	3.82/3.69	
	Running Current [Rated]*5	A	8.80	12.70	4.76	16.00	5.90	18.80	6.70	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	30 - 34 - 39	33 - 38 - 42	33 - 38 - 42	36 - 40 - 44	36 - 40 - 44	40 - 44 - 49	40 - 44 - 49
		Out (PWL)	dBA	51 (70)	51 (69)	51 (69)	52 (70)	52 (70)	52 (71)	52 (71)
Air Volume (In) Lo-Mid-Hi	L/s	292 - 350 - 417	400 - 483 - 567	400 - 483 - 567	492 - 592 - 700	492 - 592 - 700	533 - 650 - 767	533 - 650 - 767		
Max. Running Current	A	21.18	29.10	14.14	29.30	14.30	31.14	14.64		
Indoor Unit	Input [Rated]	kW	0.17/0.15	0.25/0.23	0.25/0.23	0.36/0.34	0.36/0.34	0.39/0.37	0.39/0.37	
	Dimensions [HxWxD]	mm	250 x 1100 x 732	250 x 1400 x 732	250 x 1400 x 732	250 x 1400 x 732	250 x 1400 x 732	250 x 1600 x 732	250 x 1600 x 732	
	Weight	kg	30.0	39.0	39.0	40.0	40.0	44.0	44.0	
	Static Pressure	Pa	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	
Outdoor Unit	Dimensions [HxWxD]	mm	943 x 950 x 300 (+25)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	70.0	113.0	114.0	113.0	114.0	113.0	114.0	
	Breaker Size	A	25	32	16	32	16	40	16	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	50/30	75/30	75/30	75/30	75/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 52	
	Heating	°C	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Supply Air Duct	mm	1060 x 178	1360 x 178	1360 x 178	1360 x 178	1360 x 178	1560 x 178	1560 x 178		
Return Air Duct	mm	1058 x 210	1358 x 210	1358 x 210	1358 x 210	1358 x 210	1558 x 210	1558 x 210		
Pre-Charge Refrigerant	kg	2.8kg (30m)	4.0kg (30m)	4.0kg (30m)	4.0kg (30m)	4.0kg (30m)	4.0kg (30m)	4.0kg (30m)		
Additional Refrigerant	g/m	40	40	40	40	40	70 (up to 60m)*4	70 (up to 60m)*4		

## Notes:

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

## Rating Conditions:

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB



PEA-GAA Series (Ceiling Concealed)												
Indoor Unit		PEA-M100GAA			PEA-M125GAA			PEA-M140GAA				
Outdoor Unit		PUZ-M 100VKA-A	PUZ-ZM 100VKA-A	PUZ-ZM 100YKA2-A	PUZ-M 125VKA-A	PUZ-ZM 125VKA-A	PUZ-ZM 125YKA-A	PUZ-M 140VKA-A	PUZ-ZM 140VKA-A	PUZ-ZM 140YKA-A		
Refrigerant		R32										
Power Supply (V, Phase, Hz)		Outdoor power supply										
		V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz										
Cooling	Capacity [Min-Rated*4-Max]	kW	4.00 - 10.00 - 10.60	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	6.00 - 12.00 - 13.50	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	
	Total Input [Rated]*4	kW	3.08	2.39	2.39	3.81	3.52	3.52	4.22	4.10	4.10	
	EER/AEER*1		3.24/3.12	4.18/4.01	4.18/3.93	3.14/3.04	3.55/3.45	3.55/3.40	3.31/3.22	3.41/3.33	3.41/3.29	
	Running Current [Rated]*4	A	14.50	11.30	4.05	18.50	16.00	5.80	20.40	18.70	6.60	
	Sound Pressure Level*2	In (Lo - Hi)	dBA	39 - 42	39 - 42	39 - 42	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45
		Out (PWL)	dBA	52 (71)	49 (69)	49 (69)	54 (72)	50 (70)	50 (70)	53 (71)	50 (70)	50 (70)
Air Volume (In) Lo - Hi	L/s	560 - 700	560 - 700	560 - 700	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000		
Heating	Capacity [Min-Rated*5-Max]	kW	6.20 - 12.50 - 12.50	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	7.00 - 14.00 - 15.50	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00	8.00 - 16.00 - 18.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	
	Total Input [Rated]*5	kW	3.36	2.51	2.51	3.54	3.27	3.27	4.20	3.90	3.90	
	COP/ACOP*1		3.72/3.58	4.46/4.28	4.46/4.21	3.95/3.81	4.28/4.15	4.28/4.09	3.80/3.69	4.10/3.99	4.10/3.95	
	Running Current [Rated]*5	A	15.80	11.50	4.26	17.30	15.40	5.40	20.30	17.70	6.30	
	Sound Pressure Level*2	In (Lo - Hi)	dBA	39 - 42	39 - 42	39 - 42	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45
		Out (PWL)	dBA	54 (72)	51 (69)	51 (69)	56 (74)	52 (70)	52 (70)	54 (72)	52 (71)	52 (71)
Air Volume In (Lo - Hi)	L/s	560 - 700	560 - 700	560 - 700	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000		
Max. Running Current	A	23.30	29.78	14.78	30.90	30.86	15.86	30.90	32.36	15.86		
Indoor Unit	Input [Rated]	kW	0.41	0.21	0.21	0.57	0.49	0.49	0.57	0.49	0.49	
	Dimensions [HxWxD]	mm	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	
	Weight	kg	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
	Static Pressure	Pa	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	
Outdoor Unit	Dimensions [HxWxD]	mm	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)		
	Weight	kg	76.0	113.0	114.0	84.0	113.0	114.0	99.0	113.0	114.0	
	Breaker Size	A	32	32	16	32	32	16	40	40	16	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88		
	Max. Length/Height	m	55/30	75/30	75/30	55/30	75/30	75/30	55/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 46	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 52	-15 ~ 52	
	Heating	°C	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21	
Supply Air Duct	mm	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250		
Return Air Duct	mm	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330		
Pre-Charge Refrigerant	kg	3.1 (30m)	4.0 (30m)	4.0 (30m)	3.6 (30m)	4.0 (30m)	4.0 (30m)	4.0 (55m)	4.0 (30m)	4.0 (30m)		
Additional Refrigerant	g/m	40	40	40	40	40	40	-	40	40		

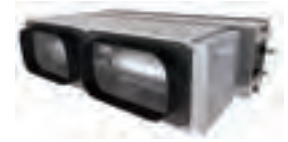
**Notes:**

- \*1 MEPS compliant.
- \*2 Sound pressure level measured in anechoic room at 1m.
- \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

- \*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB
- \*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Product Specifications



PEA-M HAA Series (Ceiling Concealed)										
Indoor Unit		PEA-M100HAA			PEA-M125HAA					
Outdoor Unit		PUZ-M100VKA-A	PUZ-ZM100VKA-A	PUZ-ZM100YKA2-A	PUZ-M125VKA-A	PUZ-ZM125VKA-A	PUZ-ZM125YKA-A			
Refrigerant		R32								
Power Supply	Source	Outdoor power supply								
	Outdoor	V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz								
	Indoor	-								
Cooling	Capacity [Min-Rated*4-Max]	kW	4.00 - 10.00 - 10.60	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	6.00 - 12.00 - 13.50	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00		
	Total Input [Rated]*4	kW	3.02	2.65	3.11	3.78	3.50	3.50		
	AEER/EER*1		3.21/3.31	3.63/3.77	3.57/3.77	3.10/3.17	3.47/3.57	3.42/3.57		
	TCSPF (Residential)		Hot	4.73	4.87	4.87	4.30	4.52	4.52	
			Average	4.03	4.08	4.08	3.77	3.92	3.92	
			Cold	4.09	4.05	4.05	3.83	3.93	3.93	
	Running Current [Rated]*4	A	13.80	12.20	5.20	17.40	15.40	5.90		
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi) (SPL)	dBA	29 - 32 - 36 - 38	29 - 32 - 36 - 38	29 - 32 - 36 - 38	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	
		Out (PWL)	dBA	52 (71)	49 (69)	50 (70)	54 (72)	50 (70)	50 (70)	
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	500 - 567 - 633 - 700	500 - 567 - 633 - 700	500 - 567 - 633 - 700	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000			
Heating	Capacity [Min-Rated*5-Max]	kW	2.80 - 12.50 - 12.50	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	4.10 - 14.00 - 15.50	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00		
	Total Input [Rated]*5	kW	3.24	2.71	3.12	3.44	3.40	3.40		
	ACOP/COP *1		3.75/3.85	3.98/4.13	3.91/4.13	3.69/4.06	3.99/4.11	3.94/4.11		
	HSPF (Residential)		Hot	4.39	4.94	4.94	4.42	4.70	4.70	
			Average	3.85	4.44	4.44	3.87	4.29	4.29	
			Cold	3.28	3.89	3.89	3.27	3.80	3.80	
	Running current [Rated]*5	A	14.80	12.70	5.20	16.00	15.00	5.60		
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi) (SPL)	dBA	29 - 32 - 36 - 38	29 - 32 - 36 - 38	29 - 32 - 36 - 38	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	
		Out (PWL)	dBA	54 (72)	51 (69)	52 (70)	56 (74)	52 (70)	52 (70)	
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	500 - 567 - 633 - 700	500 - 567 - 633 - 700	500 - 567 - 633 - 700	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000			
Max. Running Current	A	23.40	29.88	13.88	30.20	31.20	15.20			
Indoor Unit	Input [Rated]	kW	0.187/0.187	0.187/0.187	0.187/0.187	0.477/0.477	0.477/0.477	0.477/0.477		
	Dimensions [HxWxD]	mm	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900		
	Weight	kg	63.0	63.0	63.0	66.0	66.0	66.0		
	Static Pressure	Pa	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150		
Outdoor Unit	Dimensions [HxWxD]	mm	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)		
	Weight	kg	76.0	113.0	114.0	84.0	113.0	114.0		
	Breaker Size	A	32	32	16	32	32	16		
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88		
	Max. Length/Height	m	55/30	75/30	75/30	55/30	75/30	75/30		
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 46	-5 (-15) ~ 52	-5 (-15) ~ 52	-15 ~ 46	-5 (-15) ~ 52	-5 (-15) ~ 52		
	Heating	°C	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21		
Supply Air Duct	mm	1325 x 266	1325 x 266	1325 x 266	1325 x 266	1325 x 266	1325 x 266			
Return Air Duct	mm	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")			
Pre-Charge Refrigerant	kg	3.10 (30m)	4.00 (30m)	4.00 (30m)	3.60 (30m)	4.00 (30m)	4.00 (30m)			
Additional Refrigerant	g/m	40	40	40	40	40	40			

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB



PEA-M HAA Series (Ceiling Concealed)								
Indoor Unit		PEA-M140HAA			PEA-M160HAA			
Outdoor Unit		PUZ-M140VKA-A	PUZ-ZM140VKA-A	PUZ-ZM140YKA-A	PUZ-ZM160VKA	PUZ-ZM160YKA		
Refrigerant		R32						
Power Supply	Source	Outdoor power supply			Indoor/outdoor separate power supply			
	Outdoor	V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz						
	Indoor	- 230 V, Single-phase, 50 Hz						
Cooling	Capacity [Min-Rated*4-Max]	kW	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	4.70 - 16.00 - 17.00	4.70 - 16.00 - 17.00	
	Total Input [Rated]*4	kW	4.24	4.19	4.19	4.95	4.95	
	AEER/EER*1		3.23/3.30	3.26/3.34	3.22/3.34	3.16/3.23	3.16/3.23	
	TCSPF (Residential)	Hot		4.49	4.42	4.42	5.15	5.15
		Average		3.98	3.88	3.88	4.45	4.45
		Cold		4.06	3.93	3.93	4.56	4.56
	Running Current [Rated]*4	A	19.50	18.30	6.80	19.12	5.04	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi) (SPL)	dBA	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45
		Out (PWL)	dBA	53 (71)	50 (70)	50 (70)	58 (74)	58 (74)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000		
Heating	Capacity [Min-Rated*5-Max]	kW	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	5.40 - 18.00 - 20.00	5.40 - 18.00 - 20.00	
	Total Input [Rated]*5	kW	3.85	3.97	3.97	4.58	4.58	
	ACOP/COP		4.06/4.15	3.92/4.03	3.88/4.03	3.84/3.93	3.84/3.93	
	HSPF (Residential)	Hot		4.69	4.63	4.63	4.73	4.73
		Average		4.20	4.20	4.20	4.16	4.16
		Cold		3.60	3.70	3.70	3.62	3.62
	Running current [Rated]*5	A	17.70	17.70	6.30	17.95	4.27	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi) (SPL)	dBA	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	17.95/4.27
		Out (PWL)	dBA	54 (72)	52 (71)	52 (71)	59 (75)	59 (75)
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000		
Max. Running Current	A	30.20	32.20	15.20	33.06	14.26		
Indoor Unit	Input [Rated]	kW	0.477/0.477	0.477/0.477	0.477/0.477	-	-	
	Dimensions [HxWxD]	mm	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	
	Weight	kg	66.0	66.0	66.0	66	66	
	Static Pressure	Pa	50/100/150	50/100/150	50/100/150	50 - 100 - 150	50 - 100 - 150	
Outdoor Unit	Dimensions [HxWxD]	mm	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	99.0	113.0	114.0	115	116	
	Breaker Size	A	40	40	16	40	32	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø19.10	ø9.52/ø19.10	
	Max. Length/Height	m	55/30	75/30	75/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-5(-15) ~ 46	-5(-15) ~ 52	-5(-15) ~ 52	-5(-15) ~ 52	-5(-15) ~ 52	
	Heating	°C	-15 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Supply Air Duct	mm	1325 x 266	1325 x 266	1325 x 266	1325 x 266	1325 x 266		
Return Air Duct	mm	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")		
Pre-Charge Refrigerant	kg	4.00 (55m)	4.00 (30m)	4.00 (30m)	5.00 (30m)	5.00 (30m)		
Additional Refrigerant	g/m	Not required	40	40	70 (up to 60m)*4	70 (up to 60m)*4		

**Notes:**

- \*1 MEPS compliant.
- \*2 Sound pressure level measured in anechoic room at 1m.
- \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.
- \*4 Maximum additional charge is 2.1kg (for pipe length longer than 60m).

**Rating Conditions:**

- \*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB
- \*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Product Specifications



PEA-M LAA Series (Ceiling Concealed)						
Indoor Unit		PEA-M180LAA	PEA-M200LAA	PEA-M250LAA		
Outdoor Unit		PUZ-ZM180V/YKA	PUZ-ZM200YKA	PUZ-ZM250YKA		
Refrigerant		R32				
Power Supply	Source	Indoor/outdoor separate power supply				
	Outdoor	V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz				
	Indoor	230 V, Single-phase, 50 Hz				
Cooling	Capacity [Min-Rated* <sup>1</sup> -Max]	kW	4.90 - 18.00 - 20.00	4.90 - 20.00 - 22.40	6.30 - 24.50 - 24.50	
	Total Input [Rated]* <sup>1</sup>	kW	5.52	6.40	8.00	
	AEER/EER		3.20/3.26	3.07/3.12	3.02/3.06	
	TCSPF (Residential)	Hot		4.62	4.62	4.33
		Average		4.16	4.13	3.94
		Cold		4.23	4.25	4.04
	Running Current [Rated]* <sup>1</sup>	A	22.23/5.45	10.29	12.50	
	Sound Pressure Level* <sup>2</sup>	In (Lo-Mid2-Mid1-Hi) (SPL)	dBA	30 - 37.5 - 42 - 46	30 - 37.5 - 42 - 46	32.5 - 40 - 45.5 - 48.5
Out (PWL)		dBA	58 (74)	60 (75)	60 (75)	
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	600 - 833 - 1017 - 1200	600 - 833 - 1017 - 1200	700 - 967 - 1200 - 1400		
Heating	Capacity [Min-Rated* <sup>1</sup> -Max]	kW	5.40 - 20.00 - 22.40	5.70 - 22.40 - 25.00	7.90 - 28.00 - 29.00	
	Total Input [Rated]* <sup>1</sup>	kW	5.10	5.90	7.50	
	ACOP/COP		3.84/3.92	3.72/3.79	3.67/3.73	
	HSPF (Residential)	Hot		4.79	4.38	4.59
		Average		4.18	3.78	3.89
		Cold		3.58	3.41	3.40
	Running Current [Rated]* <sup>1</sup>	A	20.97/5.46	9.29	11.14	
	Sound Pressure Level* <sup>2</sup>	In (Lo-Mid2-Mid1-Hi) (SPL)	dBA	30 - 37.5 - 42 - 46	30 - 37.5 - 42 - 46	32.5 - 40.0 - 45.5 - 48.5
Out (PWL)		dBA	60 (76)	60 (76)	60 (76)	
Air Volume (In) Lo-Mid2-Mid1-Hi	L/s	600 - 833 - 1017 - 1200	600 - 833 - 1017 - 1200	700 - 967 - 1200 - 1400		
Indoor Unit	Dimensions [HxWxD]	mm	470 x 1370 x 1120	470 x 1370 x 1120	470 x 1370 x 1120	
	Weight	kg	88	88	88	
	Static Pressure	Pa	75 - 100 - 150 - 200 - 250	75 - 100 - 150 - 200 - 250	75 - 100 - 150 - 200 - 250	
	Max. Running Current	A	4.80	4.80	4.80	
Outdoor Unit	Dimensions [HxWxD]	mm	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	115/116	136	139	
	Max. Running Current	A	28.22 (V)/9.27 (Y)	18.00	20.00	
	Breaker Size	A	40 (V)/32 (Y)	32	32	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø19.10	ø9.52/ø22.20* <sup>3</sup>	ø12.70/ø22.20* <sup>3</sup>	
	Max. Length/Height	m	75/30	100/30	100/30	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-5(-15)* <sup>5</sup> ~ 52	5(-15)* <sup>5</sup> ~ 52	-5(-15)* <sup>5</sup> ~ 52	
	Heating	°C	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Supply Air Duct	mm	1100 x 340	1100 x 340	1100 x 340		
Return Air Duct	mm	1100 x 420	1100 x 420	1100 x 420		
Pre-Charge Refrigerant	kg	5.0 (30m)	5.5 (50m)	6.5 (50m)		
Additional Refrigerant	g/m	70* <sup>4</sup>	70	70		

## Notes:

\*1 The rated capacity, total input power and running current are determined under conditions T1 (cooling) and H1 (heating) of AS/NZS 3823.1.2

Cooling: Indoor 27°CDB/19°CWB, Outdoor 35°CDB/24°CWB

Heating: Indoor 20°CDB/15°CWB, Outdoor 7°CDB/6°CWB

\*2 Indoor and outdoor sound pressure levels are measured in anechoic chamber and may differ to the actual installation.

\*3 Gas pipe 25.4mm (1 inch) is required if the piping length is 50m or longer.

\*4 Maximum additional charge is 2.1kg (for pipe length longer than 60m).

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





PKA-M Series (Wall Mounted)						
Indoor Unit		PKA-M71KAL		PKA-M100KAL		
Outdoor Unit		PUZ-ZM71VHA-A		PUZ-ZM100VKA-A		
Refrigerant		R32				
Power Supply (V, Phase, Hz)		V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz				
Cooling	Capacity [Min-Rated*4-Max]	kW	3.30 - 7.10 - 8.10	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	
	Total Input [Rated]*4	kW	1.86	2.81	2.81	
	EER/AEER*1		3.81/3.61	3.55/3.43	3.55/3.37	
	Running Current [Rated]*4	A	9.48	13.21	5.60	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
		Out (PWL)	dBA	47 (67)	49 (69)	49 (69)
	Air Volume (In) Lo-Mid-Hi	L/s	300 - 333 - 367	333 - 383 - 433	333 - 383 - 433	
Heating	Capacity [Min-Rated*5-Max]	kW	3.50 - 8.00 - 10.20	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	
	Total Input [Rated]*5	kW	2.12	3.10	3.10	
	COP/ACOP*1		3.77/3.60	3.61/3.49	3.61/3.44	
	Running Current [Rated]*5	A	10.00	14.08	5.60	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dBA	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
		Out (PWL)	dBA	51 (70)	51 (69)	51 (69)
	Air Volume (In) Lo-Mid-Hi	L/s	300 - 333 - 367	333 - 383 - 433	333 - 383 - 433	
Max. Running Current	A	19.43	28.07	12.07		
Indoor Unit	Input [Rated]	kW	0.06	0.08	0.08	
	Dimensions [HxWxD]	mm	365 x 1170 x 295	365 x 1170 x 295	365 x 1170 x 295	
	Weight	kg	21.0	21.0	21.0	
Outdoor Unit	Dimensions [HxWxD]	mm	943 x 950 x 330 (+25)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight	kg	70.0	113.0	114.0	
	Breaker Size	A	25	32	16	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	
	Max. Length/Height	m	50/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	
	Heating	°C	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Pre-Charge Refrigerant	kg	2.8 (30m)	4.0 (30m)	4.0 (30m)		
Additional Refrigerant	g/m	40	40	40		

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

**Rating Conditions:**

\*4 Cooling: Indoor 27°CDB/19°CWB  
Outdoor 35°CDB/24°CWB

\*5 Heating: Indoor 20°CDB/15°CWB  
Outdoor 7°CDB/6°CWB

# Optional Parts Outdoor Units

Option	Joint Pipe		Liquid Ref. Dryer	Air Outlet Guide					Air Protection Guide		Drain Socket	Centralised Drain Pan		M-NET Converter	Control / Service Tool
	Unit Ø9.52 ↳ Pipe Ø12.70		For Pipe Ø9.52												
	PAC-SG73RJ-E	PAC-SJ88RJ-E	PAC-SG82DR-E	MAC-88TSG	MAC-88ZSG	MAC-886SG	PAC-SG59SG-E	PAC-SH96SG-E	PAC-SH63AG-E	PAC-SH95AG-E	PAC-SH71DS-E	PAC-SG64DP-E	PAC-SH97DP-E	PAC-SJ95MA-E	PAC-SK52ST
S Series	SUZ-M25VAD-A			●											
	SUZ-M35VAD-A			●											
	SUZ-M50VAD-A				●										
	SUZ-M60VAD-A					●									
	SUZ-M71VAD-A					●									
P Series	PUZ-M100VKA-A	●	●					●		●	●		●	●	●
	PUZ-M125VKA-A	●	●					●		●	●		●	●	●
	PUZ-M140VKA-A	●	●					●		●	●		●	●	●
	PUZ-ZM71VHA-A	●	●				●		●	●	●	●		●	●
	PUZ-ZM100VKA-A	●	●					●		●	●		●	●	●
	PUZ-ZM100YKA2-A	●	●					●		●	●		●	●	●
	PUZ-ZM125VKA-A	●	●					●		●	●		●	●	●
	PUZ-ZM125YKA-A	●	●					●		●	●		●	●	●
	PUZ-ZM140VKA-A	●	●					●		●	●		●	●	●
	PUZ-ZM140YKA-A	●	●					●		●	●		●	●	●
	PUZ-ZM160V/YKA		●					●		●	●		●	●	●
	PUZ-ZM180V/YKA		●					●		●	●		●	●	●
	PUZ-ZM200YKA		●					●		●	●		●	●	●
	PUZ-ZM250YKA							●		●	●		●	●	●

# Optional Parts Indoor Units

		Filter								3D i-See Sensor Corner Panel		Shutter Plate	Multi-Functional Casement	Outside-Air Intake Duct Flange		
		High-Efficiency Filter Element				Filter Box				PAC-SF1ME-E	PAC-SE1ME-E	PAC-SJ37 SP-E	PAC-SJ41TM-E	PAC-SH65 OF-E	PAC-SH28 OF-E	
		PAC-SH59 KF-E	PAC-SH88 KF-E	PAC-SH89 KF-E	PAC-SH90 KF-E	PAC-KE92TB-E	PAC-KE93 TB-E	PAC-KE94 TB-E	PAC-KE95 TB-E							
S Series	Ceiling Cassette	SLZ-M25FA-A									●					
	SLZ-M35FA-A										●					
	SLZ-M50FA-A										●					
	SLZ-M60FA-A										●					
	Ceiling Concealed	SEZ-M25DA(L)														
		SEZ-M35DA(L)														
		SEZ-M50DA(L)														
		SEZ-M60DA(L)														
P Series	4-Way Cassette	PLA-M71EA-A	●									●	●	●	●	
		PLA-M100EA-A	●									●	●	●	●	
		PLA-M125EA-A	●									●	●	●	●	
		PLA-M140EA-A	●									●	●	●	●	
	Ceiling Concealed	PEAD-M50JAAD					●									
		PEAD-M60JAAD						●								
		PEAD-M71JAAD							●							
		PEAD-M100JAAD								●						
		PEAD-M125JAAD									●					
		PEAD-M140JAAD										●				
		PEA-M100HAA									●					
		PEA-M125HAA														
		PEA-M140HAA														
		PEA-M160HAA														
		PEA-M100GAA														
		PEA-M125GAA														
		PEA-M140GAA														
		PEA-M180LAA														
		PEA-M200LAA														
		PEA-M250LAA														
	Wall Mounted	PKA-M71KAL														
		PKA-M100KAL														
	Ceiling Suspended	PCA-M50KA		●												
		PCA-M60KA			●											
		PCA-M71KA			●											
		PCA-M100KA				●										
		PCA-M125KA					●									
		PCA-M140KA						●								

\*1 Excluding SEZ-M DAL.  
 \*2 PAC-SH29TC-E is required.  
 \*3 Group control cannot be used.  
 \*4 Unable to use with wireless remote controller.

# Optional Parts Indoor Units

Indoor Unit		Option														
		Space Panel		Drain Pump				Drain Pump			System Control Interface	MA & Contact Terminal Interface	Wi-Fi Interface	Power Supply Terminal Kit		
		PAC-SJ65 AS-E	PAC-SH94 DM-E	PAC-SJ92 DM-E	PAC-SJ93 DM-E	PAC-SJ94 DM-E	PAC-KE06DM-F1	PAC-KE07 DM-E	MAC-334IF-E	MAC-397IF-E	MAC-568IF-E	PAC-SG94 HR-E	PAC-SG96 HR-E	PAC-SG97 HR-E	PAC-SJ39 HR-E	
S Series	Ceiling Cassette	SLZ-M25FA-A								●	●	●				
		SLZ-M35FA-A								●	●	●				
		SLZ-M50FA-A								●	●	●				
		SLZ-M60FA-A								●	●	●				
	Ceiling Concealed	SEZ-M25DA(L)							●	●	●	●				
		SEZ-M35DA(L)							●	●	●	●				
		SEZ-M50DA(L)							●	●	●	●				
		SEZ-M60DA(L)							●	●	●	●				
P Series	4-Way Cassette	PLA-M71EA-A	●							●	●	●				●
		PLA-M100EA-A	●							●	●	●				●
		PLA-M125EA-A	●							●	●	●				●
		PLA-M140EA-A	●							●	●	●				●
	Ceiling Concealed	PEAD-M50JAAD								●	●	●				●
		PEAD-M60JAAD								●	●	●				●
		PEAD-M71JAAD								●	●	●				●
		PEAD-M100JAAD								●	●	●				●
		PEAD-M125JAAD								●	●	●				●
		PEAD-M140JAAD								●	●	●				●
		PEA-M100HAA								●	●	●				●
		PEA-M125HAA								●	●	●				●
		PEA-M140HAA								●	●	●				●
		PEA-M160HAA								●	●	●				●
		PEA-M100GAA								●	●	●				●
		PEA-M125GAA								●	●	●				●
		PEA-M140GAA								●	●	●				●
		PEA-M180LAA							●	●	●	●				
		PEA-M200LAA							●	●	●	●				
		PEA-M250LAA							●	●	●	●				
Wall Mounted	PKA-M71KAL		●						●	●	●	●				
	PKA-M100KAL		●						●	●	●	●				
Ceiling Suspended	PCA-M50KA			●					●	●	●		●			
	PCA-M60KA					●			●	●	●		●			
	PCA-M71KA					●			●	●	●		●			
	PCA-M100KA					●			●	●	●		●			
	PCA-M125KA					●			●	●	●		●			
	PCA-M140KA					●			●	●	●		●			

\*1 Excluding SEZ-M DAL.  
 \*2 PAC-SH29TC-E is required.  
 \*3 Group control cannot be used.  
 \*4 Unable to use with wireless remote controller.

		Wired Remote Controller		Wireless Remote Controller						Remote Sensor		Remote On/Off Adapter		Connector Cable for Remote Display	
		Controller		Terminal Block Kit for PKA	Signal Sender	Wireless Remote Controller	Signal Receiver			Controller Kit (Sender & Receiver)	Remote Sensor	Remote On/Off Adapter		Connector Cable for Remote Display	
		PAR-41MAA	PAR-CT01MAA-S/SB/PB	PAC-SH29 TC-E	PAR-SL97A-E	PAR-SL100 A-E	PAR-SA9CA-E	PAR-SF9FA	PAR-SE9FA-E	PAR-SL94B-E		PAC-SE41TS-E	PAC-SE55 RA-E		PAC-SF40 RM-E
		PAR-41MAA	PAR-CT01MAA-S/SB/PB	PAC-SH29 TC-E	PAR-SL97A-E	PAR-SL100 A-E	PAR-SA9CA-E	PAR-SF9FA	PAR-SE9FA-E	PAR-SL94B-E	PAC-SE41TS-E	PAC-SE55 RA-E	PAC-SF40 RM-E	PAC-SA88HA-E	
S Series	Ceiling Cassette	SLZ-M25FA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
		SLZ-M35FA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
		SLZ-M50FA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
		SLZ-M60FA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
	Ceiling Concealed	SEZ-M25DA(L)	● <sup>*1</sup>	● <sup>*1</sup>		●		●			●	●	● <sup>*4</sup>	●	
		SEZ-M35DA(L)	● <sup>*1</sup>	● <sup>*1</sup>		●		●			●	●	● <sup>*4</sup>	●	
		SEZ-M50DA(L)	● <sup>*1</sup>	● <sup>*1</sup>		●		●			●	●	● <sup>*4</sup>	●	
		SEZ-M60DA(L)	● <sup>*1</sup>	● <sup>*1</sup>		●		●			●	●	● <sup>*4</sup>	●	
	4-Way Cassette	PLA-M71EA-A	●	●		●	● <sup>*3</sup>			●		●	● <sup>*4</sup>	●	
		PLA-M100EA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
		PLA-M125EA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
		PLA-M140EA-A	●	●		●	● <sup>*3</sup>		●		●	●	● <sup>*4</sup>	●	
	P Series	Ceiling Concealed	PEAD-M50JAAD	●	●		●		●			●	●	● <sup>*4</sup>	●
			PEAD-M60JAAD	●	●		●		●			●	●	● <sup>*4</sup>	●
			PEAD-M71JAAD	●	●		●		●			●	●	● <sup>*4</sup>	●
			PEAD-M100JAAD	●	●		●		●			●	●	● <sup>*4</sup>	●
PEAD-M125JAAD			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEAD-M140JAAD			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M100HAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M125HAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M140HAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M160HAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M100GAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M125GAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M140GAA			●	●		●		●			●	●	● <sup>*4</sup>	●	
PEA-M180LAA			●	●		●		●			●	●		●	
PEA-M200LAA			●	●		●		●			●	●		●	
PEA-M250LAA			●	●		●		●			●	●		●	
Wall Mounted	PKA-M71KAL	● <sup>*2</sup>	● <sup>*2</sup>	●	●					●	●		●		
	PKA-M100KAL	● <sup>*2</sup>	● <sup>*2</sup>	●	●					●	●		●		
Ceiling Suspended	PCA-M50KA	●	●		●				●	●	●	● <sup>*4</sup>	●		
	PCA-M60KA	●	●		●				●	●	●	● <sup>*4</sup>	●		
	PCA-M71KA	●	●		●				●	●	●	● <sup>*4</sup>	●		
	PCA-M100KA	●	●		●				●	●	●	● <sup>*4</sup>	●		
	PCA-M125KA	●	●		●				●	●	●	● <sup>*4</sup>	●		
	PCA-M140KA	●	●		●				●	●	●	● <sup>*4</sup>	●		

\*1 Excluding SEZ-M DAL.  
 \*2 PAC-SH29TC-E is required.  
 \*3 Group control cannot be used.  
 \*4 Unable to use with wireless remote controller.

Guaranteed Operating Range				
		SUZ-M	PUZ-M	PUZ-ZM
		25/35/50/60/71	100/125/140	71/100/125/140/160/180/200/250
Cooling	Upper Limit	52°C D.B.	46°C	52°C
	Lower Limit	-10°C* (SUZ-M25/35) -15°C* (SUZ-M50/60/71)	-15°C*	-15°C*
Heating	Upper Limit	24°C	21°C	21°C
	Lower Limit	-10°C	-15°C	-20°C

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

#### Sound Pressure Level:

- Sound pressure measurements were conducted in an anechoic chamber, testing standard ISO 3745:2003
- The actual noise level depends on the distance from the unit and the acoustic environment

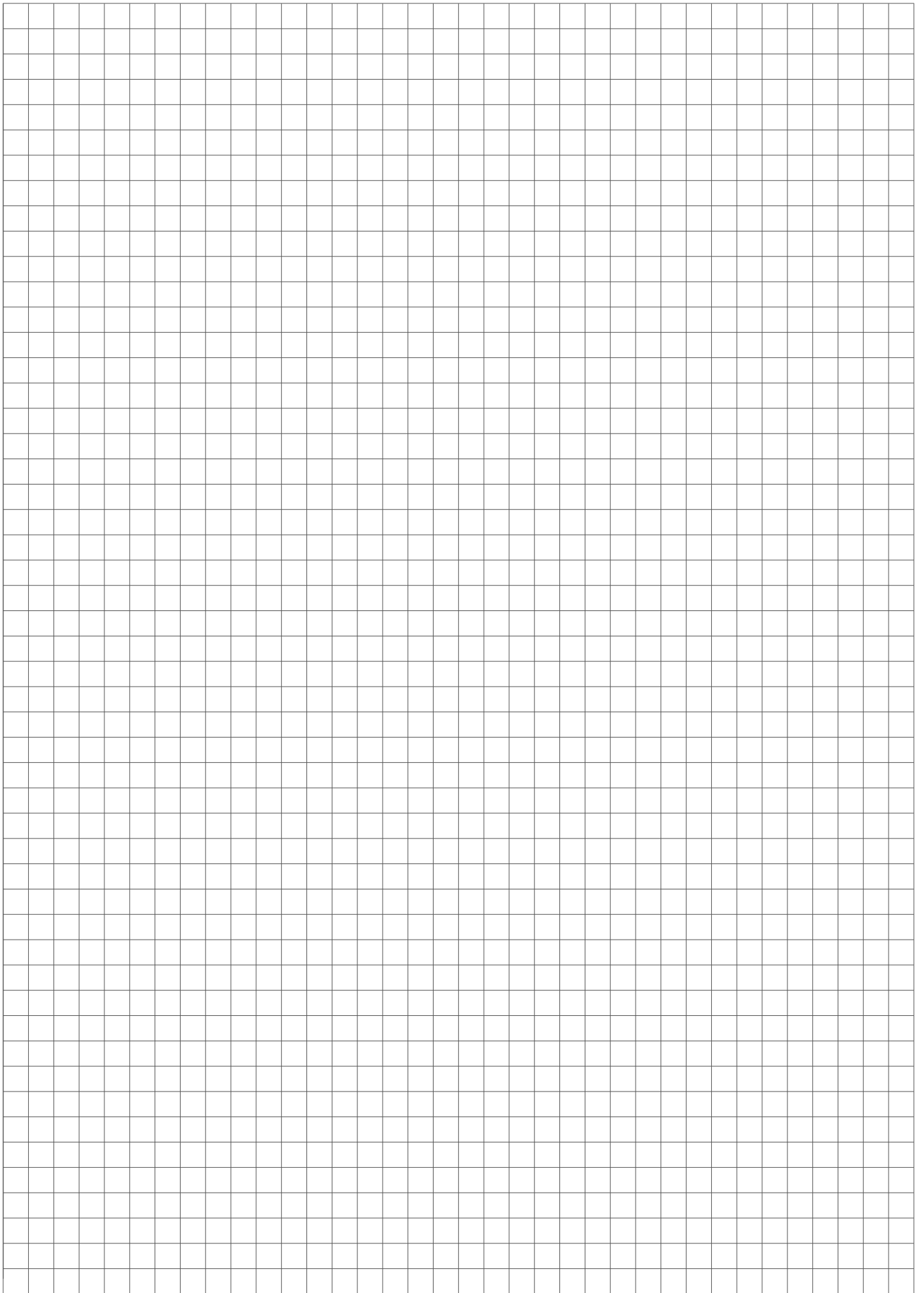
#### Notes for All Specifications:

- Rating conditions (AS/NZS 3823)
- Cooling - Indoor: 27°C D.B./ 19°C W.B.  
Outdoor: 35°C D.B./24°C W.B.
- Heating - Indoor: 20°C D.B./15°C W.B.  
Outdoor: 7°C D.B./ 6°C W.B.
- Refrigerant piping length (one-way): 5m

Total Input Based on the Indicated Voltage		
	Indoor	Outdoor
50 Hz	Single-phase, 230V	Single-phase, 230V/ Three-phase, 400V

Zone Controller	
Parts	Specifications
Zone Controller	Make sure the correct zone controller is selected from the following 4 models. <ul style="list-style-type: none"> <li>• Maximum 4 of 24 V AC damper motor connecting type: PAC-ZC40L-E</li> <li>• Maximum 8 of 24 V AC damper motor connecting type: PAC-ZC80L-E</li> <li>• Maximum 4 of 240 V AC damper motor connecting type: PAC-ZC40H-E</li> <li>• Maximum 8 of 240 V AC damper motor connecting type: PAC-ZC80H-E</li> </ul>
Zone Remote Controller	A maximum of 2 remote controllers can be connected. 1 x remote controller is included in the Zone Controller. Additional remote part #: PAR-ZC01M-E.
Temperature Sensors	A maximum of 5 temperature sensors. <ul style="list-style-type: none"> <li>• Intake air temperature sensor in the indoor unit</li> <li>• Temperature sensor in the main remote controller</li> <li>• Temperature sensor in the sub remote controller</li> <li>• Optional temperature sensor 1: PAC-SE41TS-E</li> <li>• Optional temperature sensor 2: PAC-SE41TS-E</li> </ul> They can be assigned to each of the zones.
Damper Motor (Locally Supplied)	Only drive open, drive close damper motor can be connected. (Spring motor damper cannot be used). If 24 V AC motors are used ensure the transformer is adequately sized for the zone motors connected and ensure it's suitable for the installation conditions.

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





See website for full  
Terms and Conditions

MRESLIM2023\_SEPT15

Products in this brochure contain refrigerant R32 and R410A. Please refer to the specifications before installation and servicing of these products. The purchaser must ensure that the person and/or companies are suitably licensed and experienced are permitted to install, service and repair the air conditioners. Suitable access for warranty and service is required. Specifications, designs and other content appearing in this brochure is current at the time of printing, and is subject to change without notice. Images are representational for illustration purposes. Printed: October 2023.

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