



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 50 years, providing high-quality, innovative products.

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

MITSUBISHI ELECTRIC
#ALifeMoreElectric



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Why Choose Mitsubishi Electric?

Whether it is consistent heating or cooling for the home or office, Mitsubishi Electric offers you 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 living situations.

After Sales Service & Spare Parts

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

Peace of Mind

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







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' which 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.

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.

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.

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.

Innovative Features

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.

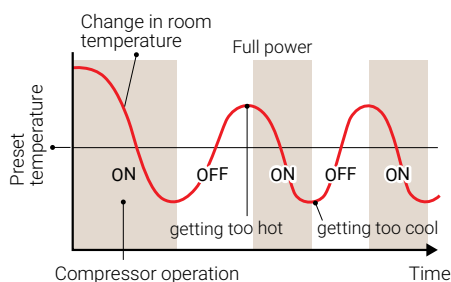
Inverter Technology/True Comfort

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

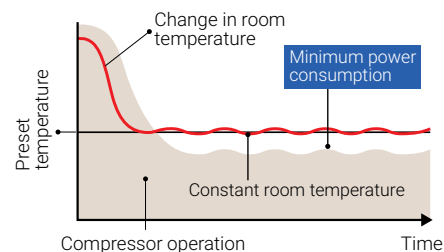
Non-inverter air conditioner

On/Off operation of compressor keeps room temperature



Inverter air conditioner

Optimum control of frequency keeps preset room temperature

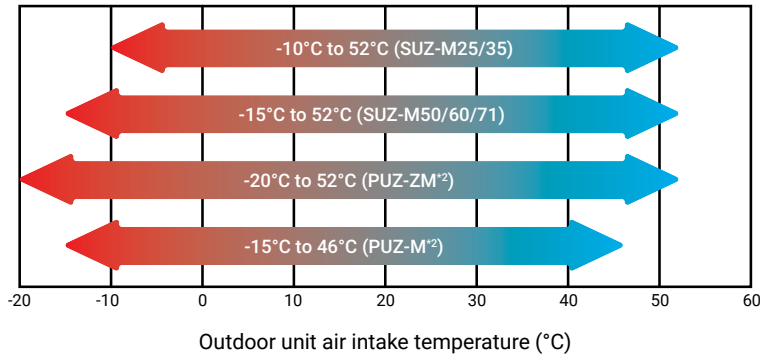


The compressors of air conditioners without an Inverter start and stop repeatedly to maintain the preset room temperature. This repetitive on/off operation uses excessive electricity and compromises room comfort. The compressors of air conditioners equipped with an Inverter run continuously; the Inverter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



Guaranteed Operating Range

With the harsh Australian environment it is comforting to know your air conditioner will continue to operate with a guaranteed operating range as low as -20°C^{*1} in heating and as high as 52°C^{*1} in cooling. This means your air conditioner will continue to operate when you need it most.



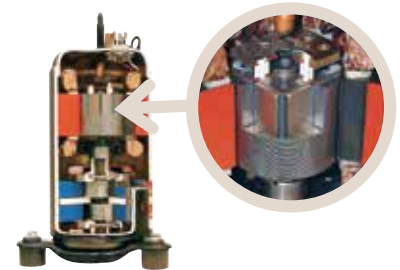
*1 Depending on model.

*2 Optional Air Protection guide required for Cooling Operation below -5°C .



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.



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.



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.

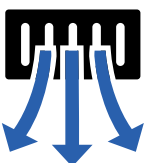
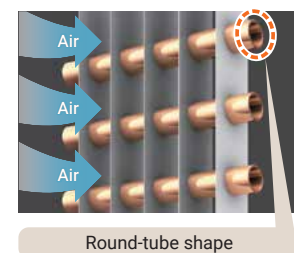
*SUZ-M, PUZ-M and PUZ-ZM models only.

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



Heat Exchanger

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



Fan Speed & ESP

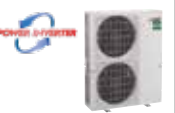
Multiple choices of static pressure allowing settings for ducted systems flexibility of airflow volume.

Overview

		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-M25FA3-A	 SLZ-M35FA3-A	 SLZ-M50FA3-A	 SLZ-M60FA3-A		
	PLA-M Series					 PLA-M71EA2-A	 PLA-M100EA2-A
	MLZ-KP Series	 MLZ-KP25VG-A1	 MLZ-KP35VG-A1	 MLZ-KP50VG			
Ceiling Suspended	PCA-M Series			 PCA-M50KA3	 PCA-M60KA3	 PCA-M71KA3	 PCA-M100KA3
Bulkhead	SEZ-M Series	 SEZ-M25DA3	 SEZ-M35DA3	 SEZ-M50DA3	 SEZ-M60DA3	 SEZ-M71DA3*1	
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-M71KAL3*2	 PKA-M100KAL3*3
Outdoor Unit	R32 S Series	 SUZ-M25VAD2-A	 SUZ-M35VAD2-A	 SUZ-M50VAD2-A	 SUZ-M60VAD2-A	 SUZ-M71VAD2-A	
	R32 P Series						 PUZ-M100VKA2-A
						 PUZ-ZM71VHA2-A	 PUZ-ZM100VKA2-A PUZ-ZM100YKA3-A

*1 SEZ-M71DA3 is only compatible with SUZ-M71VAD2-A.
 *2 PKA-M71KAL3 only compatible with PUZ-ZM71VHA2-A.

*3 PKA-M100KAL3 only connectable with PUZ-ZM100V(Y)KA2/3.
 *4 PLA-M140EA2-A and PCA-M140KA3 only compatible with PUZ-ZM140V(Y)KA2-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
							12
 PLA-M125EA2-A	 PLA-M140EA2-A*4						13
							14
 PCA-M125KA3	 PCA-M140KA3*4						15
							16
 PEAD-M125JAAD	 PEAD-M140JAAD						17
 PEA-M125GAA	 PEA-M140GAA						18
 PEA-M125HAA	 PEA-M140HAA	 PEA-M160HAA					19
			 PEA-M180LAA	 PEA-M200LAA	 PEA-M250LAA		20
							21
							22
 PUZ-M125VKA2-A	 PUZ-M140VKA2-A						23
 PUZ-ZM125V(Y)KA2-A	 PUZ-ZM140V(Y)KA2-A	 PUZ-ZM160V(Y)KA-A	 PUZ-ZM180V(Y)KA-A	 PUZ-ZM200V(Y)KA-A	 PUZ-ZM250V(Y)KA-A		24-25



SLZ-M Series

Ceiling Compact Cassette

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



Compact Design

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



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.



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.



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.*1

General Specifications

Capacity Range: 2.5/3.5/5.0/6.0kW

Unit Dimensions (mm):

570 (W) x 570 (D) x 245 (H)

Available Colours:

Natural White

Additional Features:

- » Multi Vane setting
- » 4-way airflow
- » Fresh air in-take
- » Built-in drain pump
- » Horizontal airflow
- » R32 Technology
- » Wi-Fi Control (Optional)*2

Panel Dimensions (mm):

625 (W) x 625 (D) x 10*3 (H)

*1 Set by installer.

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

*3 Height is 20mm for i-See Sensor.



PLA-M Series

Ceiling Cassette



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



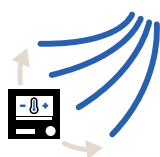
Wide Airflow

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



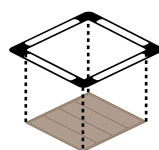
Plasma Quad Connect Air Purifying Filter *Optional*

Plasma Quad technology significantly improves indoor air quality by inhibiting six key indoor pollutants; Influenza virus, bacteria, PM2.5, allergens, mould and dust. It helps improve indoor air quality, which is good for a healthier environment; providing peace of mind and reassurance for the home, school or office.



Horizontal Airflow

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



Automatic grille lower function *Optional*

An automatic grille lowering function adjusting to 8 different heights, allowing for easy filter maintenance without the need for towers or ladders to gain access to high ceilings.

General Specifications

Capacity Range: 7.1/10.0/12.5/14.0kW

Unit Dimensions (mm):

840 (W) x 840 (D) x 258 (H)

Available Colours:

Natural White

Additional Features:

- » 4-way airflow
- » Fresh air in-take
- » Built-in drain pump
- » Horizontal airflow
- » R32 Technology
- » Wi-Fi Control (Optional)*1
- » 3D i-See Sensor (Optional)

Panel Dimensions (mm):

950 (W) x 950 (D) x 40*2 (H)

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

*2 Height is 58mm with i-See Sensor.



MLZ-KP Series

Ceiling Cassette

The MLZ-KP Series features a sharp, slim and sleek appearance. Comes with built-in drain pump.



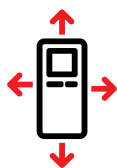
Sleek, Slimline Design

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.



Set Airflow for Ceiling Height

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



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.



Horizontal Airflow

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

General Specifications

Capacity Range: 2.5/3.5/5.0kW

Unit Dimensions (mm):

1,102 (W) x 360 (D) x 185mm (H)

Available Colours:

Natural White

Additional Features:

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

Panel Dimensions (mm):

1,200 (W) x 424 (D) x 24 (H)

*¹ Optional Wi-Fi adapter required per unit. Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.

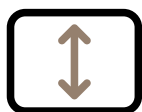


PCA-M Series

Ceiling Suspended

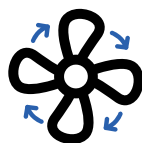


A stylish indoor unit design and airflow settings for both high and low ceiling interiors expand installation possibilities. Together with excellent energy-saving control options, these units are the solution to diversified air conditioning needs.



High & Low Ceiling Modes

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



Automatic Air-Speed Adjustment

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



Optional Drain Pump

The pumping height of the optional drain pump has been increased from 400mm to 600mm, expanding flexibility in choice of unit location during installation work.



Outside Air Intake

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

General Specifications

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)

Available Colours:

Natural White

Designed For:

- » Schools
- » Shops
- » Restaurants



SEZ-M Series

Bulkhead

The SEZ Series is conveniently hidden in the ceiling cavity with only the grilles visible. Compact, quiet and highly efficient, these concealed units fit easily and discreetly into rooms with lowered or bulkhead ceilings.



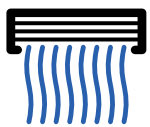
Impressively Quiet

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



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 design allows for discreet installation with the air intake and outlet grilles visible maintaining your home or office with clean lines for interior décor.



Easy Installation

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

General Specifications

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

Unit Height (mm):

200 (H)

External Static Pressure:

5/25/35/50Pa

Additional Features:

- » Wi-Fi Control (Optional)^{*3}
- » Plasma Quad Connect Air Purifying Filter (Optional)

^{*1} The sound level for SEZ - is measured in an anechoic chamber, testing standard ISO 3745:2003.

^{*2} Source: NSW EPA.

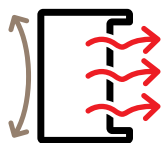
^{*3} Optional Wi-Fi adapter required per unit. Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.



PEAD-M Series

Low Profile Mid-Static Ceiling Concealed

The thin, low-profile, ceiling-concealed PEAD indoor units are the answer for air conditioning requirements of buildings with minimum ceiling installation space and wide-ranging external static pressure.



Wide Selection of Fan Speeds and External Static Pressure

The PEAD Series has five-stage external static pressure conversions and three fan speed options, giving you flexibility in comfort options.

PEAD Series is designed with human comfort in mind and can be installed in a wide range of building types with broad static pressures requirements ranging from 35 to 125Pa.



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.

General Specifications

Capacity Range: 5.0/6.0/7.1/10.0/12.0/14.0kW

Unit Height (mm):

250 (H)

External Static Pressure:

35/50/70/100/125Pa

Additional Features:

- » Lightweight for ease of installation
- » Built-in condensate pump
- » R32 Technology
- » Wi-Fi connection (Optional)*1
- » Zone Control (Optional)
- » Connection to Lossnay Fresh Air Ventilation (Optional)
- » Plasma Quad Connect Air Purifying Filter (Optional)

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



PEA-M GAA Series

Ceiling Concealed

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



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.



Flexibility in Design

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



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.



Longer maximum piping length

Refrigerant can be piped up to 75 metres to the concealed ceiling unit, therefore creating a wide range of layout possibilities for unit installation.

General Specifications

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

Additional Features:

- » R32 Technology
- » Wi-Fi connection (Optional)*1
- » Zone Control (Optional)
- » Connection to Lossnay Fresh Air Ventilation (Optional)

*1 Optional Wi-Fi adapter required per unit.

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



PEA-M HAA Series

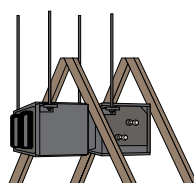
2 Piece Construction

HAA Series units are designed for human comfort and to be installed in a wide range of building types with broad static pressures requirements ranging from 50 to 150Pa.



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 re-modelling of existing houses

The unit can be installed in roof trusses thanks to the two-piece structure.



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. Featuring a maximum static pressure of 150Pa, which allows for longer ductwork and is suitable for a wide range of building types.



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.

General Specifications

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:

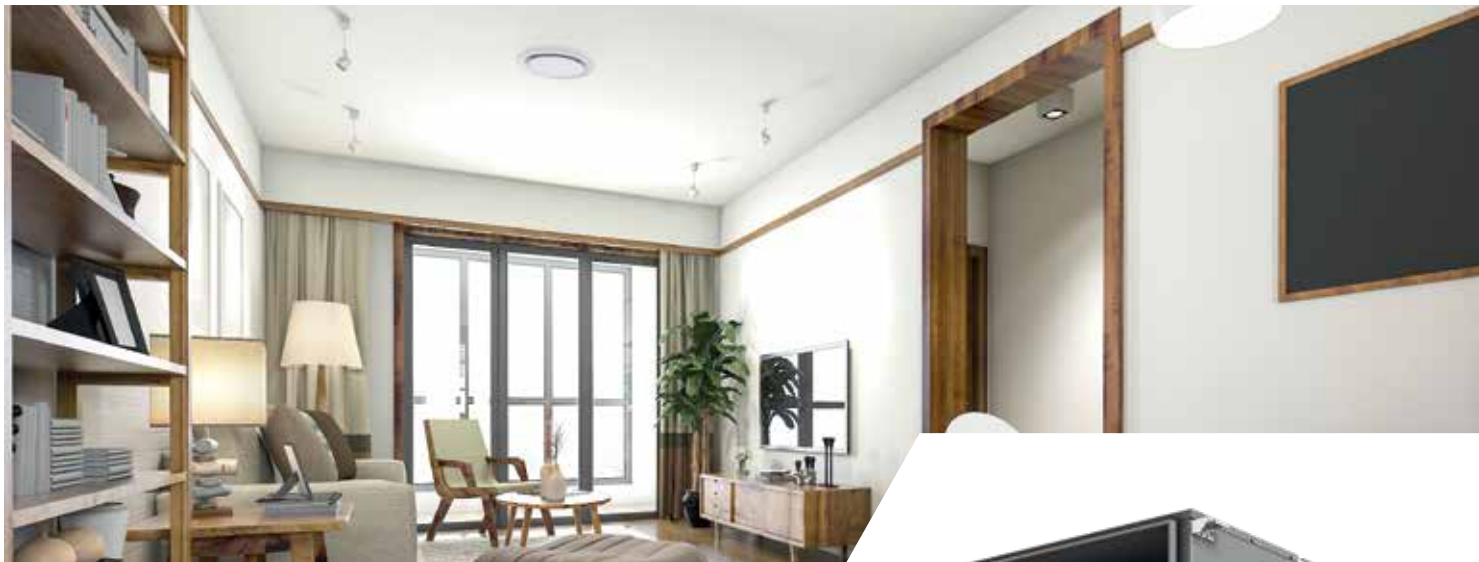
50/100/150Pa

Additional Features:

- » R32 Technology
- » Flexible duct design
- » Zone Control (Optional)
- » Wi-Fi connection (Optional)*1
- » Connection to Lossnay Fresh Air Ventilation (Optional)

*1 Optional Wi-Fi adapter required per unit.

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



PEA-M LAA Series

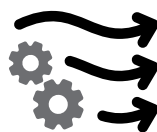
Ceiling Concealed

Designed to suit Australian homes with guaranteed cooling performance at higher ambient temperatures and heating performances at low ambient conditions.



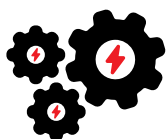
Low Power Input with New Fan Design

The PEA-M LAA Series fan motor has been upgraded with a maximum external static pressure of up to 250Pa 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 250Pa, which allows longer ductwork and is suitable for a wide range of building types.



Large Capacity Power Supply

The 18kW indoor model can be connected to a single or three-phase Mr Slim outdoor unit, making the 18kW model one of the largest ducted units available in the market with a single-phase power supply.



Wi-Fi Control *Optional*^{*1}

After a long day, there's nothing better than coming back to a comfortable home. The Mitsubishi Electric PEA-M-LAA series ducted air conditioning unit is ideal for just that, with optional Wi-Fi control that's perfect for the whole family or workplace.

General Specifications

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

Additional Features:

- » R32 Technology
- » Long pipe lengths
- » Flexible duct design
- » Zone Control (Optional)
- » Connection to Lossnay Fresh Air Ventilation (Optional)

^{*1} Optional Wi-Fi adapter required per unit.

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

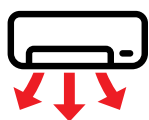


PKA-M Series

Wall Mounted



The large capacity PKA Series is both elegant and compact. With greater placement options and high airflow, it is suitable for light commercial uses such as offices, stores, and server rooms.



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: making it easy to be washed in water.



Drain Pump Option

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.



Wired Remote Controller Available *Optional*

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

General Specifications

Capacity Range: 7.1/10.0kW*

Unit Dimensions (mm):

1,170 (W) x 295 (D) x 365 (H)

Available Colours:

Pure White

Additional Features:

- » R32 Technology
- » Other controller options available (Optional)
- » Plasma Quad Connect (Optional)

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



SUZ-M Series

Inverter



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.



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.



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.

General Specifications

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

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).

Additional Features:

» Single Phase Only



PUZ-M Series

Inverter

With a compact design that is suitable for smaller footprint 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)



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.



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.



Demand Response Capable

Demand Response mode is activated in response to signals sent from the power distributor at times when it is necessary to reduce peak demand.

General Specifications

Capacity Range: 10.0/12.5/14.0kW

Guaranteed Operating Range:

-5(-15)°C* to 46°C (Cooling),
-15°C to 21°C (Heating).

Additional Features:

» Single Phase Only

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



PUZ-ZM Series

Power Inverter



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 makes it suited to commercial applications.



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.*2



High Performance

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.

General Specifications

Capacity Range: 7.1*1/10.0/12.5/14.0kW

Guaranteed Operating Range:

-5(-15)°C*3 to 52°C (Cooling),
-20°C to 21°C (Heating).

Additional Features:

» Single & Three Phase

*1 7.1kW is single phase only.

*2 ZM Series with the GAA Indoor based on EER and COP values.

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



PUZ-ZM Series

Power Inverter

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



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.



Side Discharge Outdoor Unit

The Mr Slim PUZ-ZM250YKA-A is now a side discharge outdoor 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.

General Specifications

Capacity Range: 16.0/18.0/20.0/24.5kW

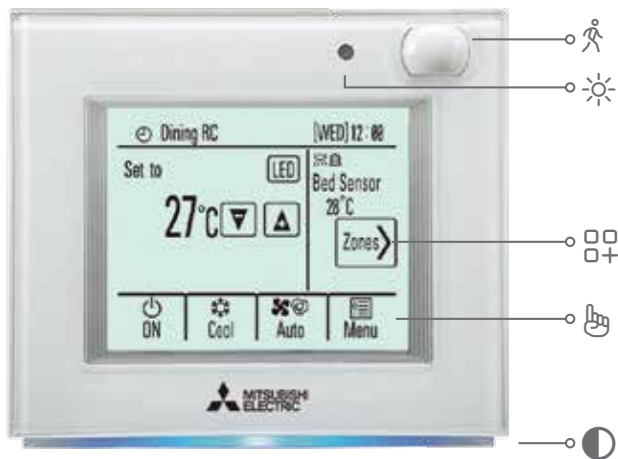
Guaranteed Operating Range:

-5(-15)°C* to 52°C (Cooling),
-20°C to 21°C (Heating).

Additional Features:

Single & Three Phase
(20.0/24.5kW Three Phase only)

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



Zone Controller

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

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

Features:

Occupancy Sensor

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

Brightness Sensor

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

Averaging Control Sensor

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

Touch Panel

A 4.3" easy to use touch panel with backlight.

LED Indicator

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

Weekly Timer

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

Up to 4 or 8 Zones

The Zone Controller makes it possible to distribute conditioned air to where you need it in your home/office. With the ability of creating up to 4 or 8 separate zones. Unoccupied spaces can be prevented from receiving airflow, reducing power consumption in unnecessary areas.

Bluetooth* Touch Screen Controller

PAR-CT01MAA-S/SB/PB

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

Features:

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

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



PAR-CT01MAA-PB

7 Day Wired Controller

PAR-41MAAM

A large easy to read display with backlit LCD.

Features:

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



PAR-41MAAM

Handheld Controllers

PAR-SL97A-E | PAR-SL101A-E

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

Features:

- ✓ 24 hour timer
- ✓ Mode and fan speed selection
- ✓ i-Save mode
- ✓ 3D i-See Sensor controller (PAR-SL101A-E only)



PAR-SL97A-E



PAR-SL101A-E

Control your Comfort

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



Features

- » Adjusting set temperature
- » Changing mode
- » Fan Speed
- » Auto-off
- » Zone Control



Develop Operating Rules

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



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.



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.

*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.

ADVANCED FEATURES

3D i-see Sensor

Area Temperature Monitor

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

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

Efficient Cooling

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

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



Econo Cool Energy Saving Feature

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

(Function only available during manual cooling operation).

	Conventional	Econo Cool
Ambient Temperature	35°C	35°C
Set Temperature	5°C	7°C
Perceived Temperature	30°C	29.3°C

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



Temperature distribution (°C)

14 16 18 20 22 24 26 28

Absence Detection

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



Indirect Airflow

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



Direct Airflow

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



Demand Function

With the connection of a demand response enabling device (DRED), Demand Response Mode is activated in response to signals sent from the electric power company at times when it is necessary to reduce peak demand.

Auto Vane

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

SPECIFICATIONS



SLZ-M Series (Ceiling Compact Cassette)						
Indoor Unit			SLZ-M25FA3-A	SLZ-M35FA3-A	SLZ-M50FA3-A	SLZ-M60FA3-A
Outdoor Unit			SUZ-M25VAD2-A	SUZ-M35VAD2-A	SUZ-M50VAD2-A	SUZ-M60VAD2-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	3.36 / 3.31	3.41 / 3.35
	Star Rating		3.5	3	2	2
	Running Current [Rated]*4	A	3.3	4.3	6.6	7.2
	Sound Pressure Level *2	In (Lo-Mid-Hi)	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39	32 - 40 - 43
		Out (PWL)	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	3.81 / 3.74	3.16 / 3.12	3.21 / 3.16
	Star Rating		2.5	2.5	1.5	1.5
	Running Current [Rated]*5	A	3.9	4.8	7.1	8.2
	Sound Pressure Level *2	In (Lo-Mid-Hi)	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39	32 - 40 - 43
		Out (PWL)	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
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	35	41	54
Max. Running Current [System]		A	7.00	8.80	13.80	15.20
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	-15 ~ 52
	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			

Notes:

*1 MEPS Compliant.

*2 Sound Pressure Level measured in anechoic room at 1m.

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-M71EA2-A		PLA-M100EA2-A		PLA-M125EA2-A		
Outdoor Unit			SUZ-M71VAD2-A		PUZ-M100VKA2-A		PUZ-M125VKA2-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 / 3.74		3.47 / 3.37		3.47 / 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		3.76 / 3.65		3.64 / 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	
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	
Max. Running Current [System]			A	15.10		20.50		27.20	
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	°C	-15 ~ 52		-15 ~ 46*3		-15 ~ 46*3	
		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

SPECIFICATIONS



PLA-M Series (Ceiling Cassette)										
Indoor Unit			PLA-M71EA2-A		PLA-M100EA2-A		PLA-M125EA2-A		PLA-M140EA2-A	
Outdoor Unit			PUZ-ZM 71VHA2-A	PUZ-ZM 100VKA2-A	PUZ-ZM 100YKA3-A	PUZ-ZM 125VKA2-A	PUZ-ZM 125YKA2-A	PUZ-ZM 140VKA2-A	PUZ-ZM 140YKA2-A	
Refrigerant			R32							
Power Supply			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	1.78	2.43	2.43	3.55	3.55	3.93	3.93
	EER/AEER *1			3.99 / 3.83	4.12 / 3.95	4.12 / 3.93	3.52 / 3.42	3.52 / 3.41	3.44 / 3.35	3.44 / 3.33
	Running Current [Rated]*4		A	8.10	11.10	5.10	16.60	5.50	18.07	6.40
	Sound Pressure Level*2	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*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	2.03	2.94	2.94	3.58	3.58	4.48	4.48
	COP/ACOP*1			3.94 / 3.81	3.81 / 3.68	3.81 / 3.67	3.91 / 3.80	3.91 / 3.79	3.57 / 3.49	3.57 / 3.48
	Running Current [Rated]*5		A	9.89	14.02	5.10	16.30	5.90	21.14	7.20
	Sound Pressure Level*2	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	
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
Max. Running Current [System]			A	19.27	27.96	11.96	28.16	12.16	29.16	12.16
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



MLZ-KP Series (Ceiling Cassette)									
Indoor Unit			MLZ-KP25VG		MLZ-KP35VG		MLZ-KP50VG		
Outdoor Unit			SUZ-M25VAD2-A		SUZ-M35VAD2-A		SUZ-M50VAD2-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 - 3.20		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			4.24 / 4.07		3.89 / 3.80		3.65 / 3.59	
	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)	dBA	27 - 31 - 34 - 38		27 - 32 - 36 - 40		29 - 36 - 41 - 47	
		Out (PWL)	dBA	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	
Heating	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		3.63 / 3.56		3.28 / 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)	dBA	26 - 29 - 34 - 37		26 - 32 - 36 - 40		26 - 37 - 42 - 48	
		Out (PWL)	dBA	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	
Indoor Unit	Input [Rated]		kW	0.04		0.04		0.04	
	Dimensions [HxWxD]		mm	185 x 1102 x 360		185 x 1102 x 360		185 x 1102 x 360	
	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)	
Outdoor Unit	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	
Max. Running Current [System]			A	7.20		8.90		13.90	
Ext. Piping	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	
Guaranteed Operating Range [Outdoor]			Cooling	°C		-10 ~ 52		-15 ~ 52	
			Heating	°C		-10 ~ 24		-10 ~ 24	
Pre-Charge Refrigerant			kg	0.65 (7m)		0.90 (7m)		1.20 (7m)	
Additional Refrigerant			g/m	20		20		20	

Notes:

*1 MEPS Compliant.

*2 Sound Pressure Level measured in anechoic room at 1m.

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

SPECIFICATIONS



PCA-M Series (Ceiling Suspended)													
Indoor Unit			PCA-M50KA2		PCA-M60KA2		PCA-M71KA2		PCA-M100KA2		PCA-M125KA2		
Outdoor Unit			SUZ-M50VAD2-A		SUZ-M60VAD2-A		SUZ-M71VAD2-A		PUZ-M100VKA2-A		PUZ-M125VKA2-A		
Refrigerant			R32										
Power Supply (V, Phase, Hz)			230 V, Single-phase, 50/60 Hz, Outdoor unit supply						230 V, Single-phase, 50 Hz, Outdoor unit supply				
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			3.91 / 3.85		3.75 / 3.69		3.74 / 3.69		3.37 / 3.27		3.19 / 3.12	
	Running Current [Rated]*4		A	5.8		7.0		8.7		13.4		16.3	
	Sound Pressure Level*2	In (Slo-Lo-Mid-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 (64)		49 (65)		49 (66)		52 (71)		54 (72)	
Air Volume (In) Slo-Lo-Mid-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			3.64 / 3.59		4.07 / 4.01		3.57 / 3.52		3.31 / 3.23		3.22 / 3.15	
	Running Current [Rated]*5		A	7.30		7.50		9.80		15.30		19.50	
	Sound Pressure Level*2	In (Slo-Lo-Mid-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 (69)		51 (68)		54 (72)		56 (74)	
Air Volume (In) Slo-Lo-Mid-Hi			L/s	167 - 183 - 217 - 250		250 - 267 - 283 - 317		267 - 283 - 300 - 333		367 - 400 - 433 - 467		383 - 417 - 450 - 483	
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		32		32		37		38	
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		54		55		113		113	
Max. Running Current [System]			A	13.90		15.50		15.50		20.70		27.30	
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	°C	-15 ~ 52		-15 ~ 52		-15 ~ 52		-15 ~ 46*3		-15 ~ 46*3	
		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-M71KA3	PCA-M100KA3		PCA-M125KA3		PCA-M140KA3		
Outdoor Unit			PUZ-ZM 71VHA2-A	PUZ-ZM 100VKA2-A	PUZ-ZM 100YKA3-A	PUZ-ZM 125VKA2-A	PUZ-ZM 125YKA2-A	PUZ-ZM 140VKA2-A	PUZ-ZM 140YKA2-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 / 3.75	3.92 / 3.77	3.92 / 3.75	3.31 / 3.23	3.32 / 3.22	3.25 / 3.18	3.25 / 3.17
	Running Current [Rated]*4		A	8.3	11.6	4.3	17.1	6.4	18.1	7.0
	Sound Pressure Level*2	In (Slo-Lo-Mid-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) Slo-Lo-Mid-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 / 3.60	3.41 / 3.31	3.41 / 3.30	3.32 / 3.24	3.32 / 3.23	3.39 / 3.32	3.39 / 3.31
	Running Current [Rated]*5		A	10.06	14.30	5.50	19.46	6.56	21.40	7.85
	Sound Pressure Level*2	In (Slo-Lo-Mid-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) Slo-Lo-Mid-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
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	37	37	38	38	40	40
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	113	113	113	113	113	113
Max. Running Current [System]			A	19.42	28.15	12.15	28.26	12.26	29.40	12.40
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

SPECIFICATIONS



SEZ-M Series (Bulkhead)									
Indoor Unit			SEZ-M25DA3	SEZ-M35DA3	SEZ-M50DA3	SEZ-M60DA3	SEZ-M71DA3		
Outdoor Unit			SUZ-M25VAD2-A	SUZ-M35VAD2-A	SUZ-M50VAD2-A	SUZ-M60VAD2-A	SUZ-M71VAD2-A		
Refrigerant			R32						
Power Supply (V, Phase, Hz)			230 V, Single, 50/60 Hz, Outdoor unit supply						
Cooling	Capacity [Min-Rated*4-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]*4		kW	0.70	1.01	1.40	1.73	2.14	
	EER/AEER*1			3.57 / 3.45	3.73 / 3.39	3.65 / 3.52	3.47 / 3.41	3.31 / 3.27	
	Running Current [Rated]*4		A	3.7	4.7	6.4	7.6	9.4	
	Sound Pressure Level*2	In (Slo-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) Slo-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]*5		kW	0.87	1.11	1.66	2	2.22	
	COP/ACOP*1			3.45 / 3.36	4.26 / 3.54	3.72 / 3.57	3.50 / 3.45	3.70 / 3.56	
	Running Current [Rated]*5		A	4.30	5.00	7.50	8.70	9.70	
	Sound Pressure Level*2	In (Slo-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) Slo-Lo-Mid-Hi		L/s	92 - 117 - 150	117 - 150 - 183	167 - 208 - 250	200 - 250 - 300	200 - 267 - 333	
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		kg	17.5	21	22	25.5	25.5	
	Static Pressure		Pa	5 / 25 / 35 / 50	5 / 25 / 35 / 50	5 / 25 / 35 / 50	5 / 25 / 35 / 50	5 / 25 / 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	35	41	54	55	
Max. Running Current [System]			A	7.20	9.00	16.10	15.50	15.70	
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	°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.

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



PEAD-M Series (Ceiling Concealed)									
Indoor Unit				PEAD-M50JAAD	PEAD-M60JAAD	PEAD-M71JAAD	PEAD-M100JAAD	PEAD-M125JAAD	PEAD-M140JAAD
Outdoor Unit				SUZ-M50VAD2-A	SUZ-M60VAD2-A	SUZ-M71VAD2-A	PUZ-M100VKA2	PUZ-M125VKA2	PUZ-M140VKA2
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*4.-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]*4		kW	1.33	1.72	1.98	3.06	3.83	4.40
	EER/AEER*1			3.76 / 3.70	3.49 / 3.43	3.59 / 3.53	3.26 / 3.13	3.13 / 3.03	3.18 / 3.09
	Running Current [Rated]*4		A	6.0	7.5	8.7	14.1	17.8	20.4
	Sound Pressure Level*2	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*5.-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]*5		kW	1.44	1.85	2	3.35	3.68	4.3
	COP/ACOP*1			4.17 / 4.11	3.78 / 3.73	4.00 / 3.94	3.73 / 3.59	3.80 / 3.67	3.72 / 3.61
	Running Current [Rated]*5		A	6.40	8.10	8.80	16.50	17.10	20.00
	Sound Pressure Level*2	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	
Indoor Unit	Input [Rated]		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	30	30	39	40	44
	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	54	55	76	84	99
Max. Running Current [System]			A	14.50	15.80	16.10	29.00	29.30	29.64
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	°C	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 46*3	-15 ~ 46*3	-15 ~ 46*3
		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

SPECIFICATIONS



PEAD-M Series (Ceiling Concealed)										
Indoor Unit			PEAD-M71JAAD		PEAD-M100JAAD		PEAD-M125JAAD		PEAD-M140JAAD	
Outdoor Unit			PUZ-ZM 71VHA2-A	PUZ-ZM 100VKA2-A	PUZ-ZM 100YKA3-A	PUZ-ZM 125VKA2-A	PUZ-ZM 125YKA2-A	PUZ-ZM 140VKA2-A	PUZ-ZM 140YKA2-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 - 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		3.84 / 3.69	3.75 / 3.61	3.75 / 3.59	3.42 / 3.32	3.42 / 3.31	3.20 / 3.13	3.20 / 3.12	
	Running Current [Rated]*4	A	8.3	12.2	4.5	16.7	6.1	19.8	7.1	
	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	2.8	2.8	3.52	3.52	4.18	4.18	
	COP/ACOP*1		4.15 / 3.99	4.00 / 3.86	4.00 / 3.84	3.98 / 3.87	3.98 / 3.85	3.83 / 3.74	3.83 / 3.73	
	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	
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	39	39	40	40	44	44	
	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	113	114	113	114	113	114	
Max. Running Current [System]			A	21.18	29.10	14.14	29.30	14.30	31.14	14.64
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	
		Heating	°C	-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 100VKA2-A	PUZ-ZM 100VKA2-A	PUZ-ZM 100YKA3-A	PUZ-M 125VKA2-A	PUZ-ZM 125VKA2-A	PUZ-ZM 125YKA2-A	PUZ-M 140VKA2-A	PUZ-ZM 140VKA2-A	PUZ-ZM 140YKA2-A
Refrigerant			R32								
Power Supply (V, Phase, Hz)			V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz Outdoor power supply								
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
	Total Input [Rated]*4		kW	3.1	2.4	2.4	3.8	3.5	3.5	4.2	4.1
	EER/AEER*1			3.24 / 3.12	4.18 / 4.01	4.18 / 3.99	3.14 / 3.04	3.55 / 3.45	3.55 / 3.44	3.31 / 3.22	3.41 / 3.33
	Running Current [Rated]*4		A	14.5	11.3	4.05	18.5	16	5.8	20.4	18.7
	Sound Pressure Level*2	In (Lo-Hi)	dBA	39 - 42	39 - 42	39 - 42	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)
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
	Total Input [Rated]*5		kW	3.36	2.51	2.51	3.54	3.27	3.27	4.20	3.90
	COP/ACOP*1			3.72 / 3.58	4.46 / 4.29	4.46 / 4.27	3.95 / 3.81	4.28 / 4.15	4.28 / 4.09	3.80 / 3.69	4.10 / 3.99
	Running Current [Rated]*5		A	15.8	11.5	4.26	17.3	15.4	5.4	20.3	17.7
	Sound Pressure Level*2	In (Lo-Hi)	dBA	39 - 42	39 - 42	39 - 42	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)
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
Indoor Unit	Input [Rated]		kW	0.41	0.21	0.21	0.57	0.49	0.49	0.57	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
	Weight		kg	63	63	63	63	63	63	63	63
	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
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
Max. Running Current [System]			A	23.30	29.78	14.78	30.90	30.86	15.86	30.90	32.36
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
Guaranteed Operating Range [Outdoor]		Cooling*3	°C	-15 ~ 46	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 52
		Heating	°C	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 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
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
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)
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

SPECIFICATIONS



PEA-HAA Series (Ceiling Concealed)									
Indoor Unit			PEA-M100HAA			PEA-M125HAA			
Outdoor Unit			PUZ-M100VKA2-A	PUZ-ZM100VKA2-A	PUZ-ZM100YKA3-A	PUZ-M125VKA2-A	PUZ-ZM125VKA2-A	PUZ-ZM125YKA2-A	
Refrigerant			R32						
Power Supply (V, Phase, Hz)			V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz Outdoor power supply						
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	3.0	2.7	3.1	3.8	3.5	3.5
	EER/AEER*1			3.31 / 3.21	3.77 / 3.63	3.77 / 3.61	3.17 / 3.10	3.57 / 3.47	3.57 / 3.46
	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	13.8	12.2	5.2	17.4	15.4	5.9
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	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
	COP/ACOP*1			3.85 / 3.75	4.13 / 3.98	4.13 / 3.97	4.06 / 3.69	4.12 / 3.99	4.12 / 3.98
	HSPF (Residential)		Hot	4.39	4.94	4.94	4.42	4.7	4.7
			Average	3.85	4.44	4.44	3.87	4.29	4.29
			Cold	3.28	3.89	3.89	3.27	3.8	3.8
	Running Current [Rated]*5		A	14.8	12.7	5.2	16	15	5.6
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	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	
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	63	63	66	66	66
	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
Max. Running Current [System]			A	23.40	29.88	13.88	30.20	31.20	15.20
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-HAA Series (Ceiling Concealed)									
Indoor Unit			PEA-M140HAA			PEA-M160HAA			
Outdoor Unit			PUZ-M140VKA2-A	PUZ-ZM140VKA2-A	PUZ-ZM140YKA2-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	4.2	4.2	4.2	5.0	5.0	
	EER/AEER*1			3.30 / 3.23	3.34 / 3.26	3.34 / 3.25	3.23 / 3.17	3.23 / 3.16	
	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	19.5	18.3	6.8	19.12	5.04	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	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	
	COP/ACOP*1			4.15 / 4.06	4.03 / 3.93	4.03 / 3.92	3.93 / 3.85	3.93 / 3.84	
	HSPF (Residential)		Hot	4.69	4.63	4.63	4.73	4.73	
			Average	4.2	4.2	4.2	4.16	4.16	
			Cold	3.6	3.7	3.7	3.62	3.62	
	Running Current [Rated]*5		A	17.7	17.7	6.3	17.95	4.27	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	dBA	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	
		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	
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	66	66	66	66	
	Static Pressure		Pa	50 / 100 / 150	50 / 100 / 150	50 / 100 / 150	50 / 100 / 150	50 / 100 / 150	
	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)	
Outdoor Unit	Weight		kg	99	113	114	115	116	
Max. Running Current [System]			A	30.20	32.20	15.20	33.06	14.26	
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)*6	70 (up to 60m)*6	

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.

*6 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

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*1-Max]		kW	4.90 - 18.00 - 20.00		4.90 - 20.00 - 22.40		6.30 - 24.50 - 24.50	
	Total Input [Rated]*1		kW	5.5		6.4		8.0	
	EER/AEER*1			3.26 / 3.20		3.13 / 3.07		3.06 / 3.02	
	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]*1		A	22.23 / 5.45		10.29		12.5	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	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*1-Max]		kW	5.40 - 20.00 - 22.40		5.70 - 22.40 - 25.00		7.90 - 28.00 - 29.00	
	Total Input [Rated]*1		kW	5.10		5.90		7.50	
	COP/ACOP*1			3.92 / 3.84		3.80 / 3.73		3.73 / 3.67	
	HSPF (Residential)		Hot	4.79		4.38		4.59	
			Average	4.18		3.78		3.89	
			Cold	3.58		3.41		3.4	
	Running Current [Rated]*1		A	20.97/5.46		9.29		11.14	
	Sound Pressure Level*2	In (Lo-Mid2-Mid1-Hi)	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	4.8		4.8		4.8	
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	
Max. Running Current [System]			A	33.02 (V) / 14.07 (Y)		22.80		24.80	
Ext. Piping	Diameter [Liquid/Gas]		mm	ø9.52 / ø19.10		ø9.52 / ø22.20*3		ø12.70 / ø22.20*3	
	Max. Length/Height		m	75 / 30		100 / 30		100 / 30	
Guaranteed Operating Range [Outdoor]		Cooling*3	°C	-5(-15)*5 ~ 52		5(-15)*5 ~ 52		-5(-15)*5 ~ 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*4		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-M71KAL3		PKA-M100KAL3				
Outdoor Unit			PUZ-ZM71VHA2-A		PUZ-ZM100VKA2-A		PUZ-ZM100YKA3-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			3.82 / 3.68		3.56 / 3.44		3.56 / 3.42	
	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 / 3.65		3.61 / 3.50		3.61 / 3.49	
	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	
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	
Max. Running Current [System]			A	19.43		28.07		12.07	
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

Option		Liquid Ref. Dryer	Air Outlet Guide					Air Protection Guides		Drain Socket	Centralised Drain Pan		M-Net Converter	Control/ Service Tool
		For Pipe Ø9.52												
		Outdoor Unit		PAC-SG82DR-E	MAC-881SG	MAC-882SG	MAC-886SG	PAC-SG59SG-E	PAC-SH96SG-E	PAC-SH63AG-E	PAC-SH95AG-E	PAC-SH71DS-E	PAC-SG64DP-E	PAC-SH97DP-E
S Series	SUZ-M25VAD2-A		●											
	SUZ-M35VAD2-A		●											
	SUZ-M50VAD2-A			●										
	SUZ-M60VAD2-A				●									
	SUZ-M71VAD2-A				●									
P Series	PUZ-M100VKA2-A	●					●		●	●		●	●	●
	PUZ-M125VKA2-A	●					●		●	●		●	●	●
	PUZ-M140VKA2-A	●					●		●	●		●	●	●
	PUZ-M71VKA2-A	●				●		●		●	●		●	●
	PUZ-ZM100VKA2-A	●					●		●	●		●	●	●
	PUZ-ZM100YKA3-A	●					●		●	●		●	●	●
	PUZ-ZM125VKA2-A	●					●		●	●		●	●	●
	PUZ-ZM125YKA2-A	●					●		●	●		●	●	●
	PUZ-ZM140VKA2-A	●					●		●	●		●	●	●
	PUZ-ZM140YKA2-A	●					●		●	●		●	●	●
	PUZ-ZM160V/YKA	●					●		●	●		●	●	●
	PUZ-ZM180V/YKA	●					●		●	●		●	●	●
	PUZ-ZM200YKA	●					●		●	●		●	●	●
	PUZ-ZM250YKA						●		●	●		●	●	●

Indoor Unit			Option	Filter								3D i-See Sensor Corner Panel		Shutter Plate	Multi-Functional Casement	Outside-Air Intake Duct Flange
				High-Efficiency Filter Element				Filter Box								
				PAC-SH59KF-E	PAC-SH88KF-E	PAC-SH89KF-E	PAC-SH90KF-E	PAC-KE92TB-E	PAC-KE93TB-E	PAC-KE94TB-E	PAC-KE95TB-E	PAC-SF1ME-E	PAC-SE1ME-E	PAC-SJ37SP-E	PAC-SJ41TM-E	PAC-SH650F-E
S Series	Ceiling Cassette	SLZ-M25FA3-A								●						
		SLZ-M35FA3-A								●						
		SLZ-M50FA3-A								●						
		SLZ-M60FA3-A								●						
	Ceiling Concealed	SEZ-M25DA3														
		SEZ-M35DA3														
		SEZ-M50DA3														
		SEZ-M60DA3														
P Series	4-Way Cassette	PLA-M71EA2-A	●								●	●	●	●		
		PLA-M100EA2-A	●								●	●	●	●		
		PLA-M125EA2-A	●								●	●	●	●		
		PLA-M140EA2-A	●								●	●	●	●		
	Ceiling Concealed	PEAD-M50VKA2-A					●									
		PEAD-M60VKA2-A						●								
		PEAD-M71VKA2-A						●								
		PEAD-M100VKA2-A							●							
		PEAD-M125VKA2-A							●							
		PEAD-M140VKA2-A								●						
		PEA-M100HAA														
		PEA-M125HAA														
		PEA-M140HAA														
		PEA-M160HAA														
		PEA-M100GAA														
		PEA-M125GAA														
		PEA-M140GAA														
		PEA-M180LAA														
		PEA-M200LAA														
		PEA-M250LAA														
	Wall Mounted	PKA-M71KAL3														
		PKA-M100KAL3														
	Ceiling Suspended	PCA-M50KA3		●												
		PCA-M60KA3			●											
		PCA-M71KA3			●											
		PCA-M100KA3				●										
		PCA-M125KA3				●										
		PCA-M140KA3				●										

*1 PAC-SH29TC-E is required.

*2 Group control cannot be used.

*3 Unable to use with wireless remote controller.

Indoor Unit			Option	Space Panel	Drain Pump				Drain Pump	System Control Interface	MA & Contact Terminal Interface	Wi-Fi Interface	Power Supply Terminal Kit			
					PAC-SJ65AS-E	PAC-SH94DM-E	PAC-SJ92DM-E	PAC-SJ93DM-E					PAC-SJ94DM-E	PAC-KE06DM-F1	PAC-KE07DM-E	MAC-334IF-E
S Series	Ceiling Cassette	SLZ-M25FA3-A								●	●	●				
		SLZ-M35FA3-A								●	●	●				
		SLZ-M50FA3-A								●	●	●				
		SLZ-M60FA3-A								●	●	●				
	Ceiling Concealed	SEZ-M25DA3						●	●	●	●					
		SEZ-M35DA3						●	●	●	●					
		SEZ-M50DA3						●	●	●	●					
		SEZ-M60DA3						●	●	●	●					
		SEZ-M71DA3						●	●	●	●					
P Series	4-Way Cassette	PLA-M71EA2-A	●							●	●	●				●
		PLA-M100EA2-A	●							●	●	●				●
		PLA-M125EA2-A	●							●	●	●				●
		PLA-M140EA2-A	●							●	●	●				●
	Ceiling Concealed	PEAD-M50VKA2-A								●	●	●			●	
		PEAD-M60VKA2-A								●	●	●			●	
		PEAD-M71VKA2-A								●	●	●			●	
		PEAD-M100VKA2-A								●	●	●			●	
		PEAD-M125VKA2-A								●	●	●			●	
		PEAD-M140VKA2-A								●	●	●			●	
		PEA-M100HAA									●	●				
		PEA-M125HAA									●	●				
		PEA-M140HAA									●	●				
		PEA-M160HAA									●	●				
		PEA-M100GAA									●	●				
		PEA-M125GAA										●				
		PEA-M140GAA										●	●			
		PEA-M180LAA						●				●	●			
		PEA-M200LAA						●				●	●			
		PEA-M250LAA						●				●	●			
	Wall Mounted	PKA-M71KAL3		●						●	●	●	●			
		PKA-M100KAL3		●						●	●	●	●			
	Ceiling Suspended	PCA-M50KA3			●					●	●	●		●		
		PCA-M60KA3					●			●	●	●		●		
		PCA-M71KA3				●				●	●	●		●		
		PCA-M100KA3				●						●		●		
		PCA-M125KA3				●						●		●		
		PCA-M140KA3				●						●		●		

*1 PAC-SH29TC-E is required.

*2 Group control cannot be used.

*3 Unable to use with wireless remote controller.

Indoor Unit			Option	Wired Remote Controller		Wireless Remote Controller			Controller Kit (Sender & Receiver)	Remote Sensor	Remote On/Off Adapter		Connector Cable for Remote Display	
				Controller		Signal Sender	Wireless Remote Controller	Signal Receiver						
				PAR-41MAAM	PAR-CT01MAA-S/SB/PB	PAR-SL97A-E	PAR-SL101A-E	PAR-SA9CA-E	PAR-SF9CA-E	PAR-SE9FA-E	PAR-SL94B-E	PAC-SE42TS-E	PAC-SE55RA	PAC-SF40RM-E
S Series	Ceiling Cassette	SLZ-M25FA3-A	●	●	●	●*2		●			●	●	●*3	●
		SLZ-M35FA3-A	●	●	●	●*2		●			●	●	●*3	●
		SLZ-M50FA3-A	●	●	●	●*2		●			●	●	●*3	●
		SLZ-M60FA3-A	●	●	●	●*2		●			●	●	●*3	●
	Ceiling Concealed	SEZ-M25DA3	●	●	●		●				●	●	●*3	●
SEZ-M35DA3		●	●	●		●				●	●	●*3	●	
SEZ-M50DA3		●	●	●		●				●	●	●*3	●	
SEZ-M60DA3		●	●	●		●				●	●	●*3	●	
SEZ-M71DA3		●	●	●		●				●	●	●*3	●	
P Series	4-Way Cassette	PLA-M71EA2-A	●	●	●	●*2			●		●	●	●*3	●
		PLA-M100EA2-A	●	●	●	●*2			●		●	●	●*3	●
		PLA-M125EA2-A	●	●	●	●*2			●		●	●	●*3	●
		PLA-M140EA2-A	●	●	●	●*2			●		●	●	●*3	●
	Ceiling Concealed	PEAD-M50VKA2-A	●	●	●		●				●	●	●*3	●
		PEAD-M60VKA2-A	●	●	●		●				●	●	●*3	●
		PEAD-M71VKA2-A	●	●	●		●				●	●	●*3	●
		PEAD-M100VKA2-A	●	●	●		●				●	●	●*3	●
		PEAD-M125VKA2-A	●	●	●		●				●	●	●*3	●
		PEAD-M140VKA2-A	●	●	●		●				●	●	●*3	●
		PEA-M100HAA	●	●	●		●				●	●	●*3	●
		PEA-M125HAA	●	●	●		●				●	●	●*3	●
		PEA-M140HAA	●	●	●		●				●	●	●*3	●
		PEA-M160HAA	●	●	●		●				●	●	●*3	●
		PEA-M100GAA	●	●	●		●				●	●	●*3	●
		PEA-M125GAA	●	●	●		●				●	●	●*3	●
		PEA-M140GAA	●	●	●		●				●	●	●*3	●
		PEA-M180LAA	●	●	●		●				●	●	●*3	●
		PEA-M200LAA	●	●	●		●				●	●	●*3	●
		PEA-M250LAA	●	●	●		●				●	●	●*3	●
Wall Mounted	PKA-M71KAL3	●*1	●*1	●						●	●		●	
	PKA-M100KAL3	●*1	●*1	●						●	●		●	
Ceiling Suspended	PCA-M50KA3	●	●	●					●	●	●	●*3	●	
	PCA-M60KA3	●	●	●					●	●	●	●*3	●	
	PCA-M71KA3	●	●	●					●	●	●	●*3	●	
	PCA-M100KA3	●	●	●					●	●	●	●*3	●	
	PCA-M125KA3	●	●	●					●	●	●	●*3	●	
	PCA-M140KA3	●	●	●					●	●	●	●*3	●	

*1 PAC-SH29TC-E is required.

*2 Group control cannot be used.

*3 Unable to use with wireless remote controller.

OPTIONAL PARTS

		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

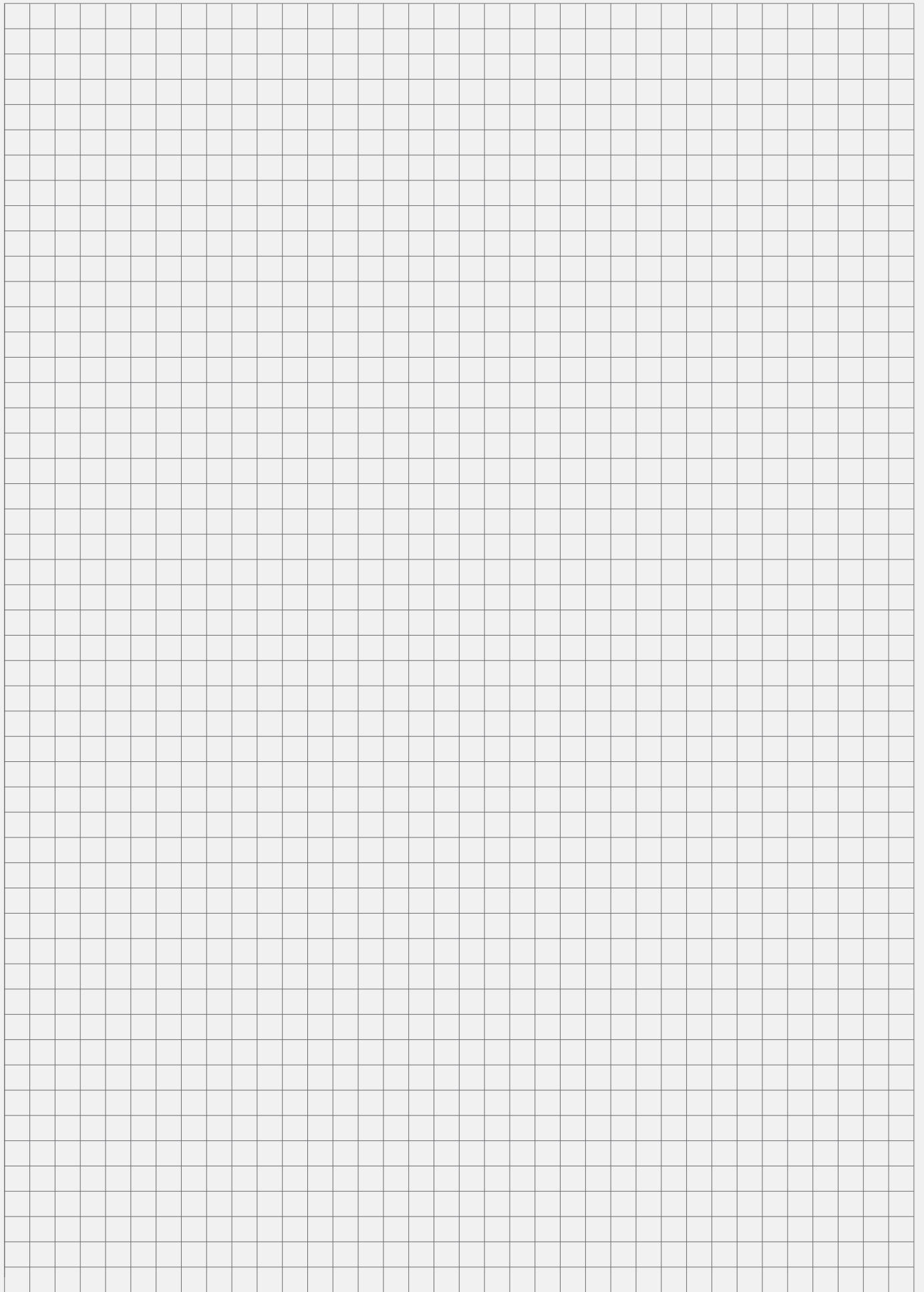
Notes for All Specifications:

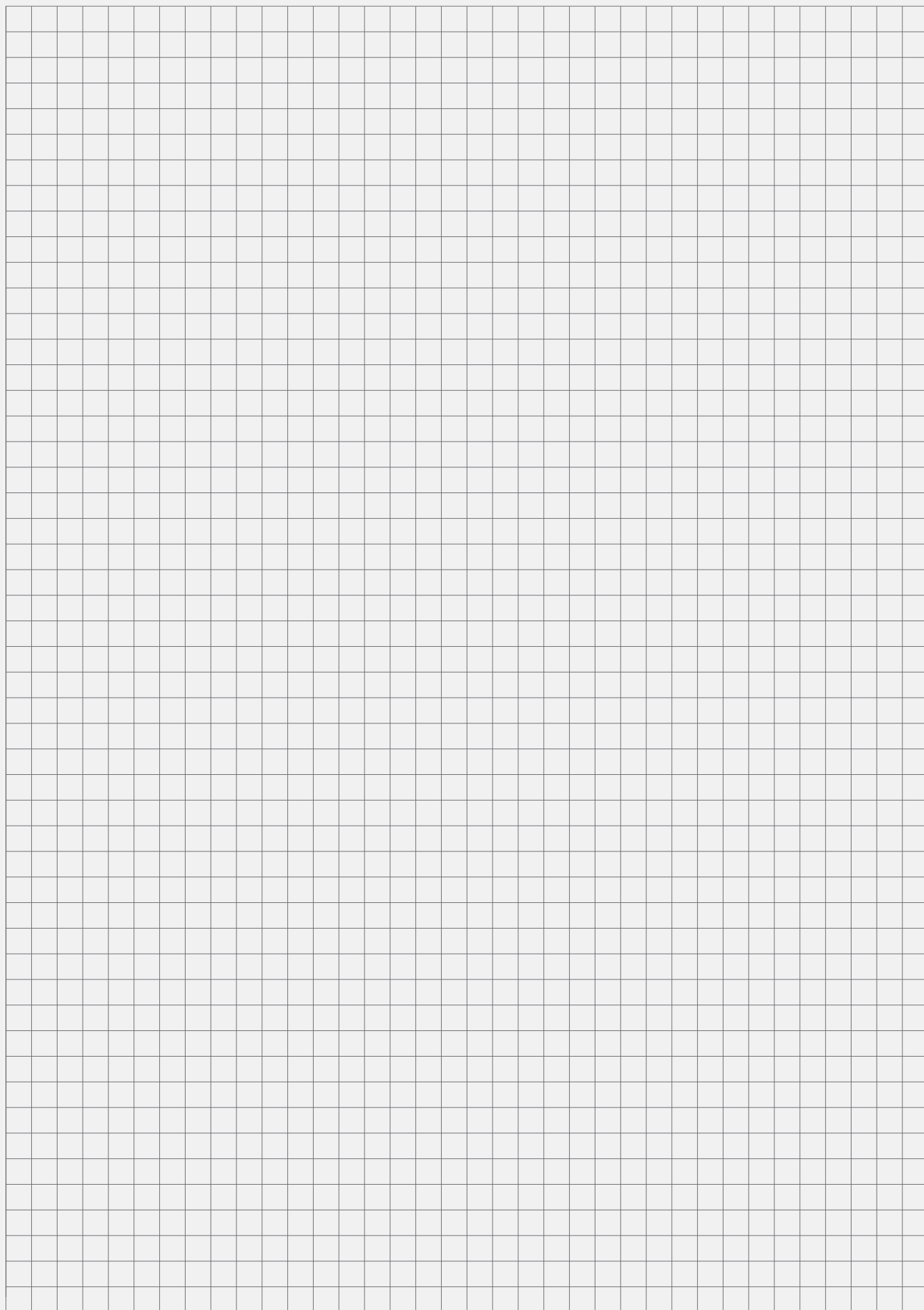
- Rating conditions (AS/NZS 3823)
- Cooling - Indoor: 27°C D.B./ 19°C W.B.
Outdoor: 35°C D.B./24°C W.B.
- Heating - Indoor: 20°C D.B./15°C W.B.
Outdoor: 7°C D.B./ 6°C W.B.
- Refrigerant piping length (one-way): 5m

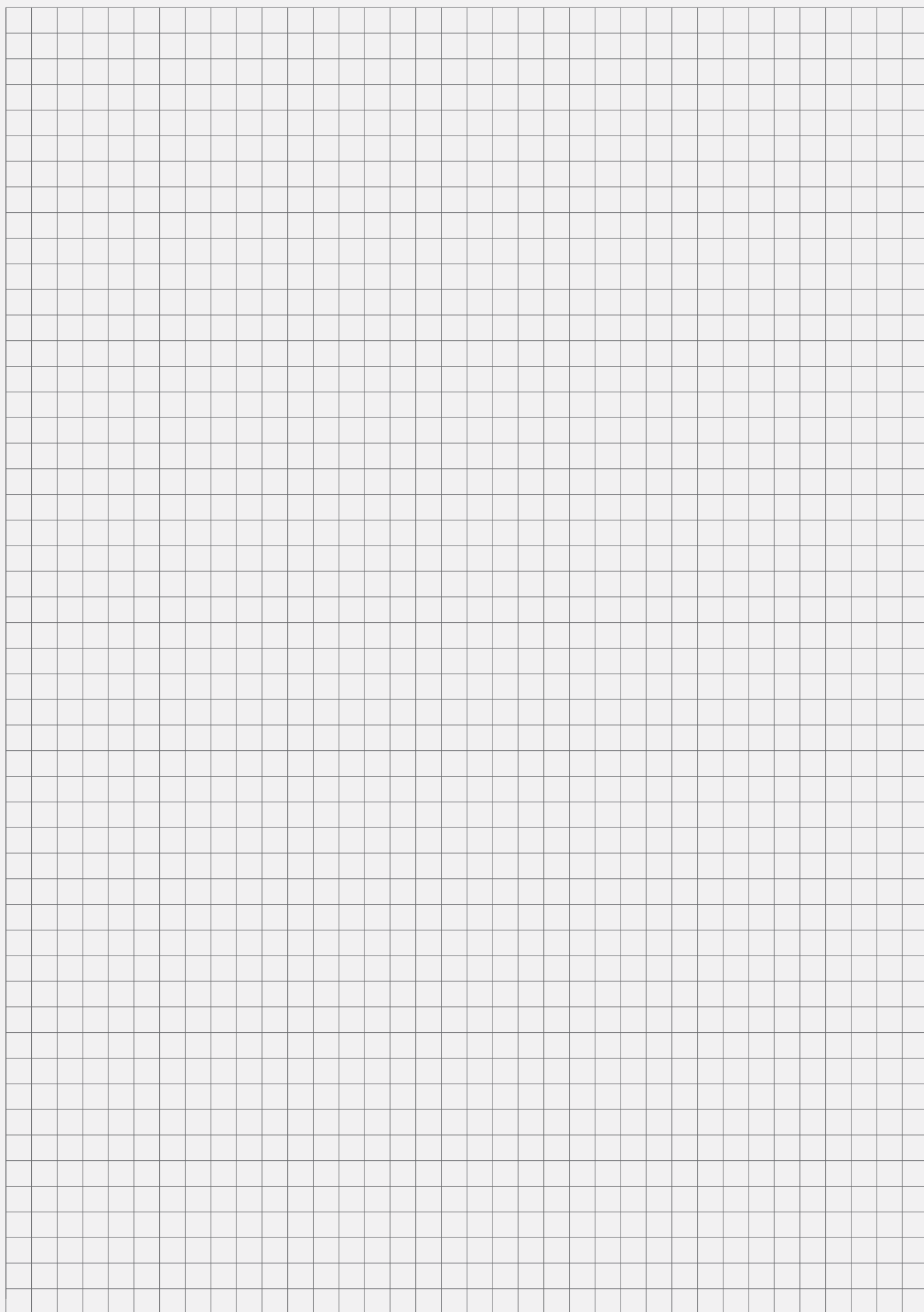
Total Input Based on the Indicated Voltage		
Indoor		Outdoor
50 Hz	Single-phase, 230V	Single-phase, 230V/ Three-phase, 400V

Zone Controller	
Parts	Specifications
Zone Controller	Make sure the correct zone controller is selected from the following 4 models. • Maximum 4 of 24 V AC damper motor connecting type: PAC-ZC40L-E • Maximum 8 of 24 V AC damper motor connecting type: PAC-ZC80L-E • Maximum 4 of 240 V AC damper motor connecting type: PAC-ZC40H-E • Maximum 8 of 240 V AC damper motor connecting type: PAC-ZC80H-E
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. • Intake air temperature sensor in the indoor unit • Temperature sensor in the main remote controller • Temperature sensor in the sub remote controller • Optional temperature sensor 1: PAC-SE41TS-E • Optional temperature sensor 2: PAC-SE41TS-E 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.





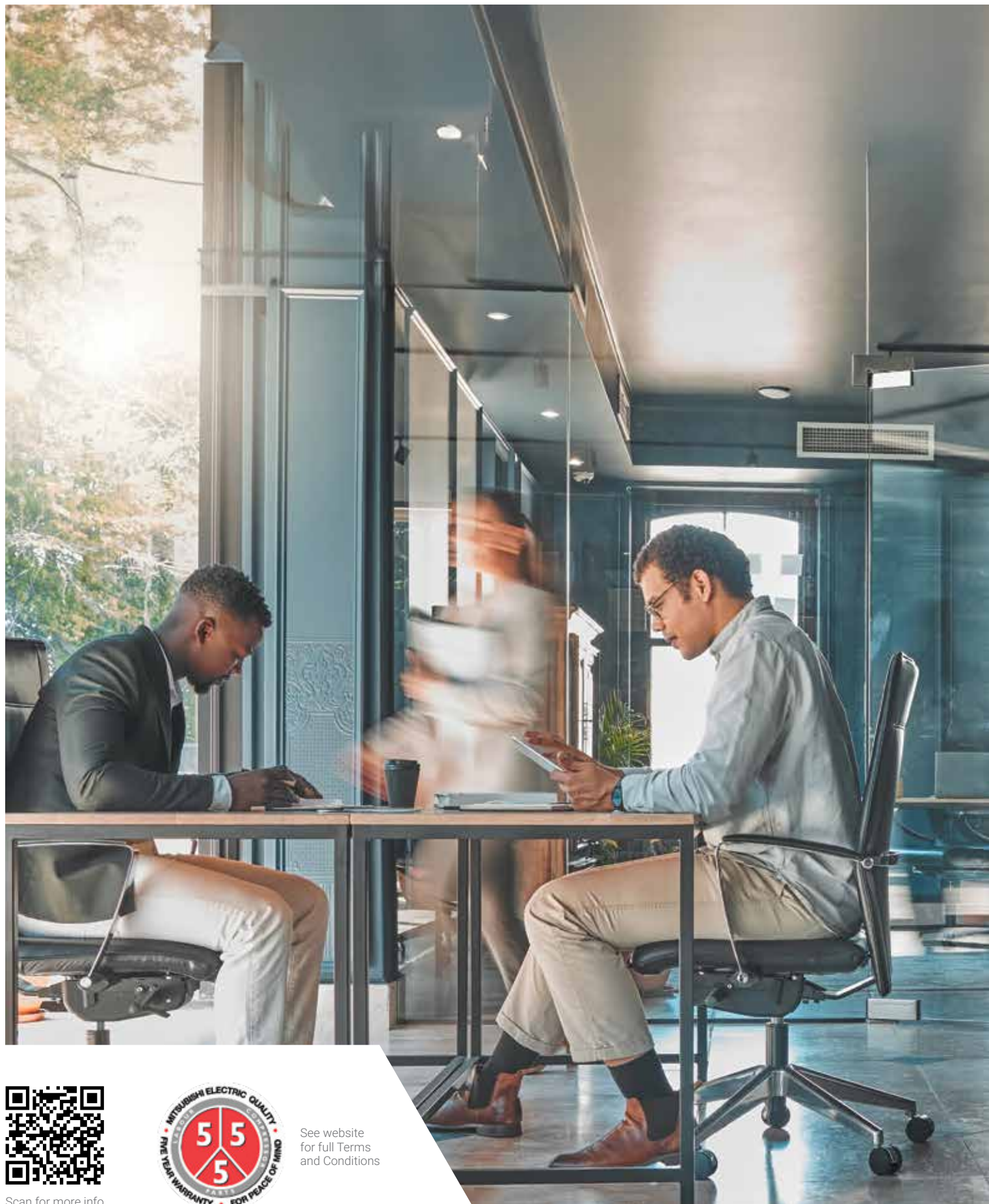


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