MITSUBISHI ELECTRIC

Ducted Air Conditioning

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

Contents

Why Choose ME	4
Technology | Why Choose Ducted?	6
Technology | Market Leading Innovation	8
Range | Indoor Units	10
Functions List	15
Range | Outdoor Units	16
Controllers	20
Product Specifications	24
Optional Parts	32

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

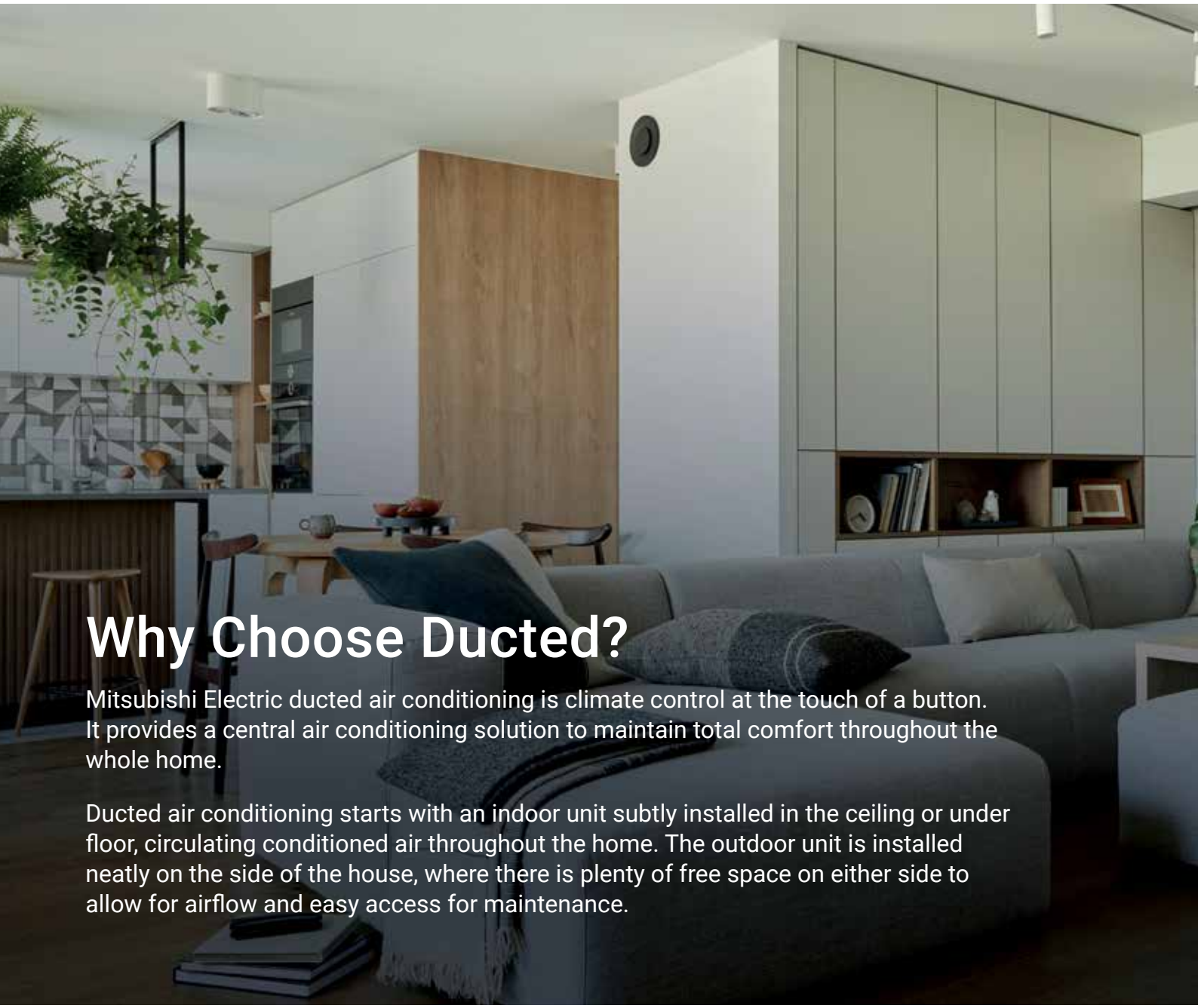
Mitsubishi Electric air conditioners range from wall mounted, floor standing, ceiling concealed, ceiling cassettes to ceiling suspended units; offering end-users flexibility, with a wide range of options to satisfy most living situations.

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.



Why Choose Ducted?

Mitsubishi Electric ducted air conditioning is climate control at the touch of a button. It provides a central air conditioning solution to maintain total comfort throughout the whole home.

Ducted air conditioning starts with an indoor unit subtly installed in the ceiling or under floor, circulating conditioned air throughout the home. The outdoor unit is installed neatly on the side of the house, where there is plenty of free space on either side to allow for airflow and easy access for maintenance.

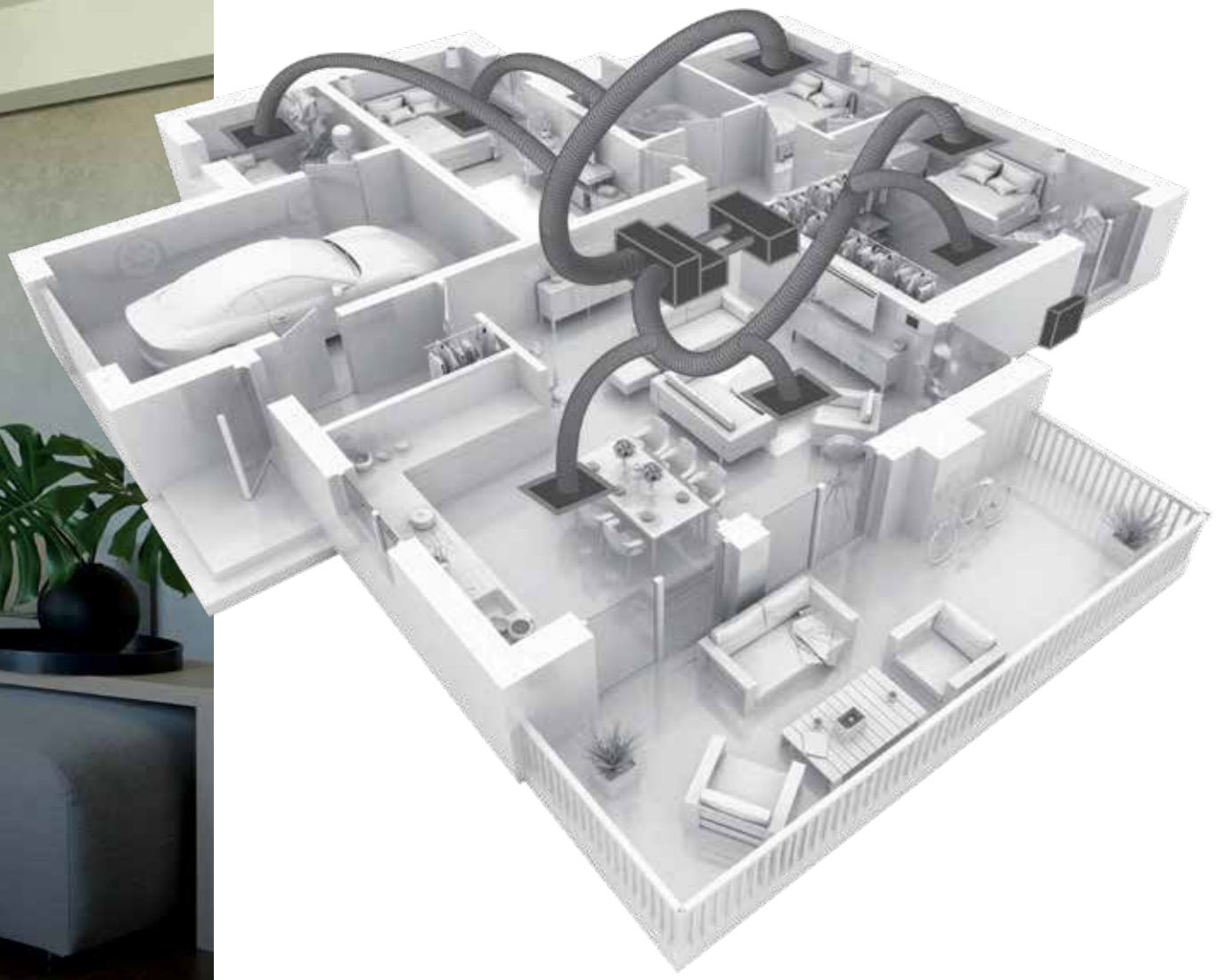
Benefits of Ducted Air

Flexibility

Versatile installation options with distance variations of the air in-take and air-outlet. Ducted air conditioning allows cool or warm air to flow throughout the home.

Design

Ducted air conditioning provides a discreet solution, with subtle usage of a range of diffusers, return air grilles and controllers, allowing for sleek installation that can seamlessly integrate into a space, without interfering with interior décor.



Zone Control

Upgrading to a zone controller gives the option of up to 4 or 8 zones, to provide control to different rooms of the home.

Concealed

Ducted air is an effective and convenient solution, with unobtrusive installation in the ceiling cavity or bulkhead space. This whole home application can be connected to up to 8 zones to distribute air where it is needed, whilst being hidden from view with subtle diffusers or grilles.

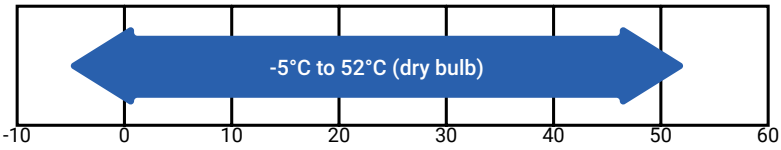
Market Leading Innovation

With Mitsubishi Electric Ducted Inverter Systems, climate control is available at the touch of a button. Our ducted units are ideal for multiple room applications and can incorporate zone control for optimised control. Cool or warm air is ducted quietly throughout the home through diffusers positioned in the ceiling, wall or floor.

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 of -5°C to 46°C/52°C*. This means your air conditioner will continue to operate when you need it most.

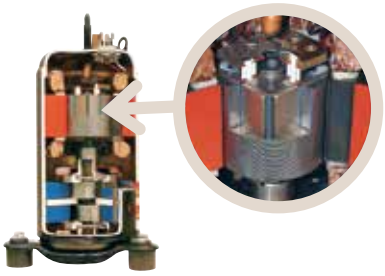
*SUZ-M25-71, PUZ-ZM100-140 & PUZ-RP170-200 models only.



Outdoor unit air intake temperature for cooling (°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.

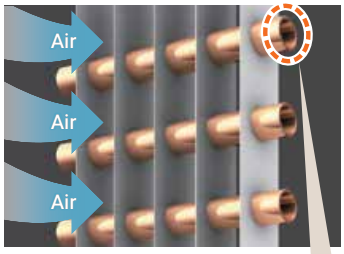
Cleaning-Free Pipe Re-Use Technology*1

The Mitsubishi Electric clean free piping re-use technology allows the re-use of existing refrigerant pipe*2 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 prevent them from entering the outdoor unit.

*1 Please contact your local dealer for details.
*2 This feature is available with SUZ-M, PUZ-ZM, PUZ-M.

Heat Exchanger

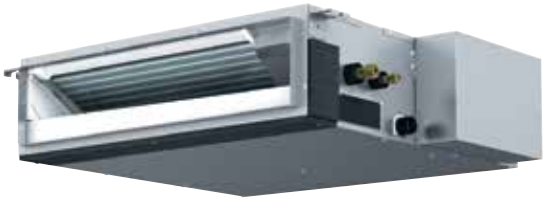
Multi row heat exchanger for highly efficient transfer, for rapid heating and cooling of your home.



Round-tube shape

Fan Speed & ESP

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



SEZ-M Series

Bulkhead

Discover comfort with the Mitsubishi Electric SEZ-M Series Bulkhead Air Conditioner, a low static bulkhead air conditioner that provides the perfect balance of performance and subtlety for your home or office. Engineered for quiet efficiency and designed with a sleek, low-profile build, it delivers optimal climate control while maintaining the aesthetic appeal of any space. Designed for homes, offices, restaurants and shops.

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

External Static Pressure 5 to 50 Pa

The unit can be installed in a wide range of building types with static pressures requirements ranging from 5 to 50 Pa, depending on site conditions.

General Specifications

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

Unit Height (mm):
200 (H)

External Static Pressure:
5/15/35/50Pa

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.
*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 PEAD series is a slim and discrete climate control option with a height of just 250 mm. This makes ducted air conditioning installation possible even in homes with low ceilings and minimal ceiling installation space.

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*1.

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 unit's main body. The solution for low ceiling space, as low as 250mm.

General Specifications

Capacity Range: 5.0/6.0/7.1/10.0/12.5/14.0kW

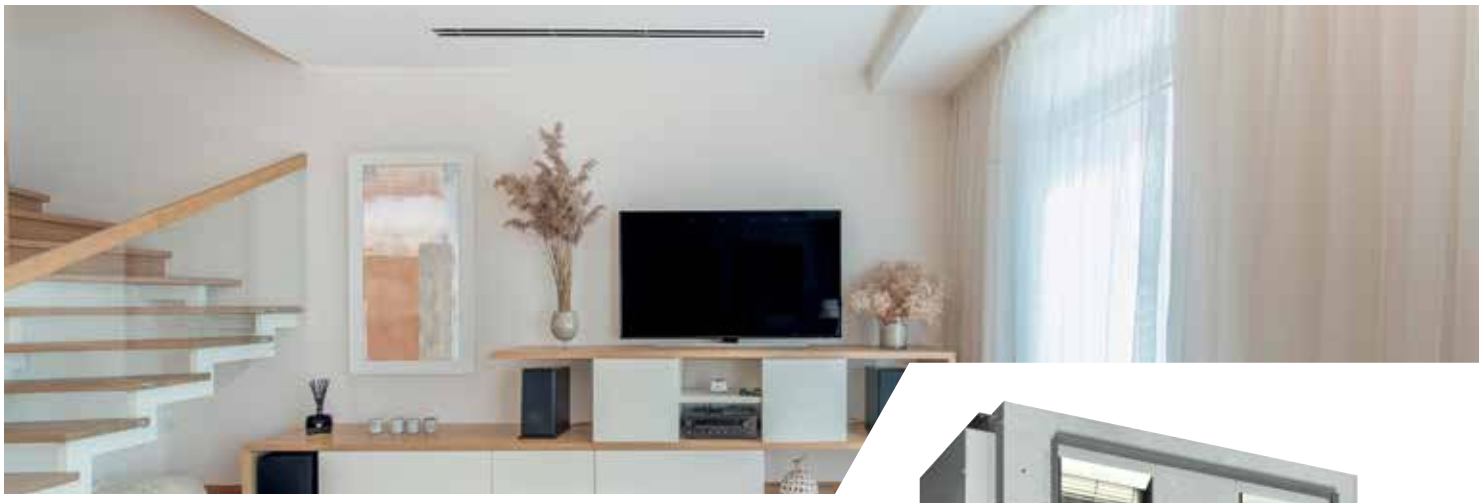
Unit Height (mm):
250 (H)

External Static Pressure:
35/50/70/100/125Pa

Additional Features:

- Lightweight for ease of installation
- Built-in condensate pump
- Low profile design
- Wi-fi connection (Optional)*2

*1 Application dependent on site conditions.
*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.



PEA-M GAA Series

Ceiling Concealed

The PEA-M-GAA ducted air conditioning series allows for longer maximum piping length to the concealed ceiling unit, which means your system can be integrated into a wide range of room layouts. This gives you even greater flexibility and customisation options, so you can truly enjoy all the benefits ducted air conditioning can offer you.

Flexibility in Design

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

Ideal Airflow

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

Optional Zone Controller

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

Remote activation and control

Thanks to optional Wi-Fi technology, you can control the indoor climate of your whole home via your smart device, even when you're out and about. This gives you complete control over your Mitsubishi Electric PEA-M-GAA ducted air conditioner, even when you're out and about.

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 refrigerant
- Longer maximum piping length
- PAR-41MAA Wall mounted controller (Optional)

PEA-M HAA Series

2 Piece Construction

Keep your home at the ideal temperature all year long with the PEA-M100-160HAA ducted air conditioning unit, with a 2-piece design, to split into two pieces making it ideal for existing home renovation with restricted roof space and access.

Ease of Installation

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

Ease of Maintenance

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

Wide Selection of Fan Speeds and External Static Pressure

The HAA Series models incorporate three-stage external static pressure conversions and four fan speed selections, offering the ultimate in comfort solutions. The HAA Series incorporate three-stage external static pressure conversions and four fan speed selections, offering the ultimate in comfort solutions.

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*2.

General Specifications

Capacity Range: 10.0/12.5/14.0/16.0kW

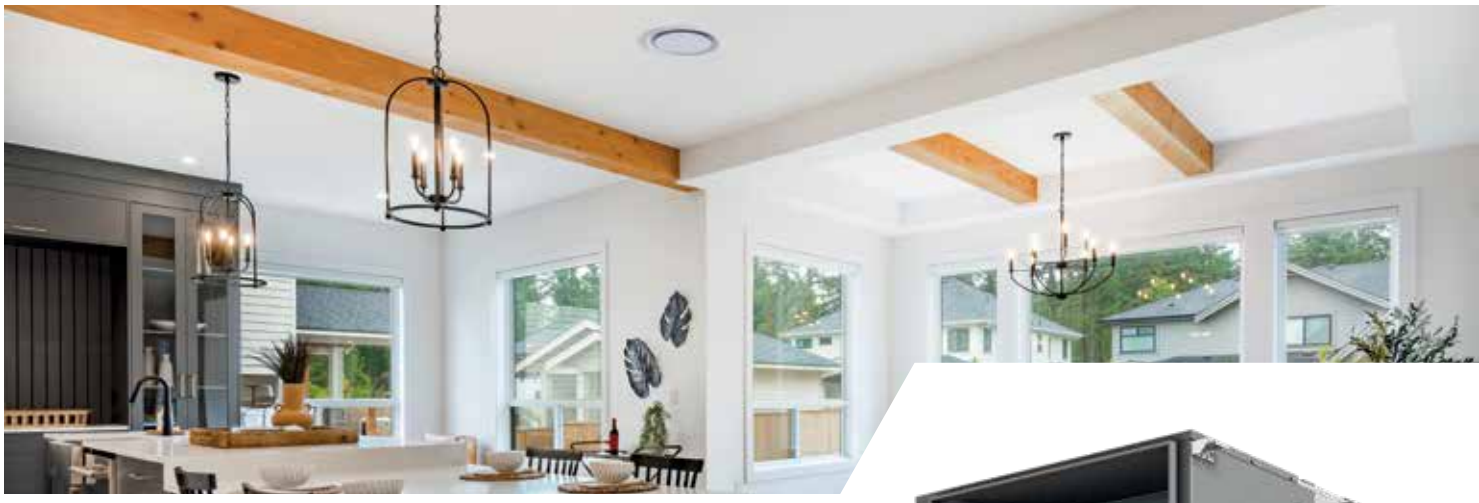
Unit Dimensions (mm):
1,405 (W) x 900 (D) x 380 (H)

External Static Pressure:
50/100/150Pa

Additional Features:

- 4 fan speed settings
- Flexible duct design
- Zone Controller (Optional)
- Wi-Fi connection (Optional)*1

*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 Application dependent on site conditions.



PEA-M LAA Series

2 Piece Construction

The LAA Series indoor models can be connected to a single or three-phase Mr Slim outdoor unit, making the 18 kW model one of the largest ducted units available in the market with a single-phase power supply. Designed to suit Australian homes with guaranteed cooling performance at higher ambient temperatures and heating performances at low ambient conditions.

Wide Selection of Fan Speeds and External Static Pressure

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

2 Piece Construction

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

Low Power Input with Fan Design

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

Control your Comfort *Optional*

The optional zone controller allows you to group rooms into 4 or 8 zones control and turn them on or off as required. This feature offers enhanced customisation and efficiency, allowing you to tailor your home's indoor environment effortlessly.

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:

- Large capacity single-phase power supply
- Side Discharge outdoor unit 24.5kW
- Long Pipe Lengths
- Wi-Fi connection (Optional)*1

*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.

Functions List

Category	Combination	Ducted							
	Indoor Unit	SEZ-M 25/35/50/60/71	PEAD-M50/60/71JAAD	PEAD-M100/125/140JAAD	PEA-M100/125/140GAA	PEAD-M71/100/125/140JAAD	PEA-M100/125/140GAA	PEA-M100/125/140/160HAA	PEA-M180/200/250LAA
	Outdoor Unit	SUZ-M	SUZ-M	PUZ-M	PUZ-M	PUZ-ZM	PUZ-ZM	PUZ-ZM	PUZ-ZM
Technology	DC Inverter	●	●	●	●	●	●	●	●
	Reluctance DC Rotary Compressor	●	●	●	●	71	-	-	-
	Highly Efficient DC Scroll Compressor			-	-	●	●	●	●
	DC Fan Motor		●	●	●	●	●	●	●
	Vector-Wave Eco Inverter	-	-	●	●	●	●	●	●
	PAM (Pulse Amplitude Modulation)	●	●						-
	Power Receiver and Twin LEV Control	-	-	●	●	●	●	●	●
	Grooved Piping	●	●	●	●	●	●	●	●
Energy Saving	Demand Function	-	-	○	○	○	○	○	○
	Demand Response Capable	●	●	●	●	●	●	●	●
Quality	Long-Life Filter	-	●	●	-	●	-	-	-
	Filter Check Signal	-	●	●	-	●	-	-	-
	Auto Fan Speed Mode	●	-	-	-	-	-	-	-
Convenience	On/Off Operation Timer	●	●	●	●	●	●	●	●
	Auto Change Over	●	●	●	●	●	●	●	●
	Auto Restart	●	●	●	●	●	●	●	●
	Low-Temperature Cooling	●	●	●	●	●	●	●	●
	Low-Noise Operation (Outdoor Unit)	●	●	●	●	●	●	●	●
System Control	PAR-41MAA Control	○	○	○	○	○	○	○	○
	PAC-YT52CRA Control	○	○	○	○	○	○	○	○
	Centralised On/Off Control	○	○	○	○	○	○	○	○
	System Group Control	○	○	○	○	○	○	○	○
	M-NET Connection	○	○	○	○	○	○	○	○
Installation	Cleaning-Free Pipe Re-Use	●	●	●	●	●	●	●	●
	Reuse of Existing Wiring	-	-	○	○	○	○	○	○
	Drain Pump	○	○	●	-	●	-	-	○
	Pump Down Switch	-		●	●	●	●	●	●
	Flare Connection	●	●	●	●	●	●	●	●
Maintenance	Self-Diagnosis Function (Check Code Display)	●	●	●	●	●	●	●	●
	Failure Recall Function	●	●	●	●	●	●	●	●

● Standard ○ Optional - Not Available

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

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

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.

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.

General Specifications

Capacity Range: 10.0/12.5/14.0kW

Guaranteed Operating Range:

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

Additional Features:

» Single Phase Only

*1 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 24.5 kW. The 16.0 kW and 18.0 kW units are available with either single phase or three phase power supply, making the 18.0 kW model one of the largest single phase available in the market.

Side Discharge Outdoor Unit

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

Long Pipe Lengths

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

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.

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.

Wi-Fi CONTROL

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.

works with the Google Assistant

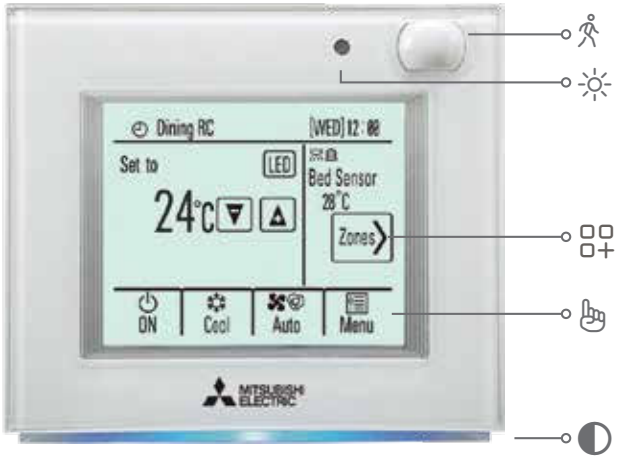
amazon alexa ENABLED

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.



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-41MAA

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-41MAA

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

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

Notes:

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

Rating Conditions:

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

PEAD-M Series (Ceiling Concealed)									
Indoor Unit				**PEAD-M50JAAD**	**PEAD-M60JAAD**	**PEAD-M71JAAD**	**PEAD-M100JAAD**	**PEAD-M125JAAD**	**PEAD-M140JAAD**
Outdoor Unit				**SUZ-M50VAD-A**	**SUZ-M60VAD-A**	**SUZ-M71VAD-A**	**PUZ-M100VKA**	**PUZ-M125VKA**	**PUZ-M140VKA**
Refrigerant				R32					
Power Supply (V, Phase, Hz)				V: 230 V, Single-phase, 50/60 Hz			V: 230 V, Single-phase, 50 Hz		
Cooling	**Capacity [Min-Rated*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			3.75/3.70	3.48/3.43	3.58/3.53	3.26/3.13	3.13/3.03	3.18/3.09
	Running Current [Rated]*4		**A**	6.00	7.50	8.70	14.10	17.80	20.40
	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	2.00	3.35	3.68	4.30
	COP/ACOP*1			4.16/4.09	3.78/3.72	4.00/3.93	3.73/3.59	3.80/3.67	3.72/3.61
	Running Current [Rated]*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
Max. Running Current			**A**	14.50	15.80	16.10	29.00	29.30	29.64
Indoor Unit	**Input [Rated] (Cooling/Heating)**		**kW**	0.11/0.09	0.12/0.10	0.17/0.15	0.25	0.36	0.39
	Dimensions [HxWxD]		**mm**	250 x 900 x 732	250 x 1100 x 732	250 x 1100 x 732	250 x 1400 x 732	250 x 1400 x 732	250 x 1600 x 732
	Weight		**kg**	27.0	30.0	30.0	39.0	40.0	44.0
	Static Pressure		**Pa**	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125	35/50/70/100/125
Outdoor Unit	**Dimensions [HxWxD]**		**mm**	714 x 800 x 285	880 x 840 x 330	880 x 840 x 330	981 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)
	Weight		**kg**	41.0	54.0	55.0	76.0	84.0	99.0
	Breaker Size		**A**	20	20	20	32	32	40
Ext. Piping	**Diameter [Liquid/Gas]**		**mm**	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88
	Max. Length/Height		**m**	30/30	30/30	30/30	55/30	55/30	55/30
Guaranteed Operating Range [Outdoor]		**Cooling*3**	**°C**	-15 ~ 52	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 46	-15 ~ 46
		Heating	**°C**	-10 ~ 24	-10 ~ 24	-10 ~ 24	-15 ~ 21	-15 ~ 21	-15 ~ 21
Supply Air Duct			**mm**	860 x 178	1060 x 178	1060 x 178	1360 x 178	1360 x 178	1560 x 178
Return Air Duct			**mm**	858 x 210	1058 x 210	1058 x 210	1358 x 210	1358 x 210	1558 x 210
Pre-Charge Refrigerant			**kg**	1.20 (7m)	1.25 (7m)	1.45 (7m)	3.1 (30m)	3.6 (30m)	4.0 (55m)
Additional Refrigerant			**g/m**	20	20	40	40	40	N/A

Notes:

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

Rating Conditions:

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

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

Notes:

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

Rating Conditions:

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

PEA-GAA Series (Ceiling Concealed)												
Indoor Unit				**PEA-M100GAA**			**PEA-M125GAA**			**PEA-M140GAA**		
Outdoor Unit				**PUZ-M 100VKA-A**	**PUZ-ZM 100VKA2-A**	**PUZ-ZM 100YKA3-A**	**PUZ-M 125VKA-A**	**PUZ-ZM 125VKA2-A**	**PUZ-ZM 125YKA2-A**	**PUZ-M 140VKA-A**	**PUZ-ZM 140VKA2-A**	**PUZ-ZM 140YKA2-A**
Refrigerant				R32								
Power Supply (V, Phase, Hz)		**Source**		Outdoor power supply								
		Outdoor		V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz								
Cooling	**Capacity [Min-Rated*4-Max]**		**kW**	4.00 - 10.00 - 10.60	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	6.00 - 12.00 - 13.50	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30
	Total Input [Rated]*4		**kW**	3.08	2.39	2.39	3.81	3.52	3.52	4.22	4.10	4.10
	EER/AEER*1			3.24/3.12	4.18/4.01	4.18/3.93	3.14/3.04	3.55/3.45	3.55/3.40	3.31/3.22	3.41/3.33	3.41/3.29
	Running Current [Rated]*4		**A**	14.50	11.30	4.05	18.50	16.00	5.80	20.40	18.70	6.60
	Sound Pressure Level*2	**In (Lo - Hi)**	**dBA**	39 - 42	39 - 42	39 - 42	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45
		Out (PWL)	**dBA**	52 (71)	49 (69)	49 (69)	54 (72)	50 (70)	50 (70)	53 (71)	50 (70)	50 (70)
	Air Volume (In) Lo - Hi		**L/s**	560 - 700	560 - 700	560 - 700	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000
Heating	**Capacity [Min-Rated*5-Max]**		**kW**	6.20 - 12.50 - 12.50	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	7.00 - 14.00 - 15.50	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00	8.00 - 16.00 - 18.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00
	Total Input [Rated]*5		**kW**	3.36	2.51	2.51	3.54	3.27	3.27	4.20	3.90	3.90
	COP/ACOP*1			3.72/3.58	4.46/4.28	4.46/4.21	3.95/3.81	4.28/4.15	4.28/4.09	3.80/3.69	4.10/3.99	4.10/3.95
	Running Current [Rated]*5		**A**	15.80	11.50	4.26	17.30	15.40	5.40	20.30	17.70	6.30
	Sound Pressure Level*2	**In (Lo - Hi)**	**dBA**	39 - 42	39 - 42	39 - 42	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45	42 - 45
		Out (PWL)	**dBA**	54 (72)	51 (69)	51 (69)	56 (74)	52 (70)	52 (70)	54 (72)	52 (71)	52 (71)
	Air Volume In (Lo - Hi)		**L/s**	560 - 700	560 - 700	560 - 700	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000	800 - 1000
Max. Running Current			**A**	23.30	29.78	14.78	30.90	30.86	15.86	30.90	32.36	15.86
Indoor Unit	**Input [Rated]**		**kW**	0.41	0.21	0.21	0.57	0.49	0.49	0.57	0.49	0.49
	Dimensions [HxWxD]		**mm**	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634	400 x 1400 x 634
	Weight		**kg**	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
	Static Pressure		**Pa**	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150
Outdoor Unit	**Dimensions [HxWxD]**		**mm**	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)
	Weight		**kg**	76.0	113.0	114.0	84.0	113.0	114.0	99.0	113.0	114.0
	Breaker Size		**A**	32	32	16	32	32	16	40	40	16
Ext. Piping	**Diameter [Liquid/Gas]**		**mm**	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88
	Max. Length/Height		**m**	55/30	75/30	75/30	55/30	75/30	75/30	55/30	75/30	75/30
Guaranteed Operating Range [Outdoor]		**Cooling*3**	**°C**	-15 ~ 46	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 52	-15 ~ 52	-15 ~ 46	-15 ~ 52	-15 ~ 52
		Heating	**°C**	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21
Supply Air Duct			**mm**	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250	921 x 250
Return Air Duct			**mm**	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330	1102 x 330
Pre-Charge Refrigerant			**kg**	3.1 (30m)	4.0 (30m)	4.0 (30m)	3.6 (30m)	4.0 (30m)	4.0 (30m)	4.0 (55m)	4.0 (30m)	4.0 (30m)
Additional Refrigerant			**g/m**	40	40	40	40	40	40	-	40	40

Notes:

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

Rating Conditions:

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

SPECIFICATIONS

PEA-M HAA Series (Ceiling Concealed)										
Indoor Unit				**PEA-M100HAA**			**PEA-M125HAA**			
Outdoor Unit				**PUZ-M100VKA-A**	**PUZ-ZM100VKA2-A**	**PUZ-ZM100YKA3-A**	**PUZ-M125VKA-A**	**PUZ-ZM125VKA2-A**	**PUZ-ZM125YKA2-A**
Refrigerant				R32					
Power Supply	**Source**			Outdoor power supply					
	Outdoor			V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz					
	Indoor			-					
Cooling	**Capacity [Min-Rated*4-Max]**		**kW**	4.00 - 10.00 - 10.60	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	6.00 - 12.00 - 13.50	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00
	Total Input [Rated]*4		**kW**	3.02	2.65	3.11	3.78	3.50	3.50
	AEER/EER*1			3.21/3.31	3.63/3.77	3.57/3.77	3.10/3.17	3.47/3.57	3.42/3.57
	TCSPF (Residential)		**Hot**	4.73	4.87	4.87	4.30	4.52	4.52
			Average	4.03	4.08	4.08	3.77	3.92	3.92
			Cold	4.09	4.05	4.05	3.83	3.93	3.93
	Running Current [Rated]*4		**A**	13.80	12.20	5.20	17.40	15.40	5.90
	Sound Pressure Level*2	**In (Lo-Mid2-Mid1-Hi) (SPL)**	**dBA**	29 - 32 - 36 - 38	29 - 32 - 36 - 38	29 - 32 - 36 - 38	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45
		Out (PWL)	**dBA**	52 (71)	49 (69)	50 (70)	54 (72)	50 (70)	50 (70)
	Air Volume (In) Lo-Mid2-Mid1-Hi		**L/s**	500 - 567 - 633 - 700	500 - 567 - 633 - 700	500 - 567 - 633 - 700	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000
Heating	**Capacity [Min-Rated*5-Max]**		**kW**	2.80 - 12.50 - 12.50	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	4.10 - 14.00 - 15.50	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00
	Total Input [Rated]*5		**kW**	3.24	2.71	3.12	3.44	3.40	3.40
	ACOP/COP *1			3.75/3.85	3.98/4.13	3.91/4.13	3.69/4.06	3.99/4.11	3.94/4.11
	HSPF (Residential)		**Hot**	4.39	4.94	4.94	4.42	4.70	4.70
			Average	3.85	4.44	4.44	3.87	4.29	4.29
			Cold	3.28	3.89	3.89	3.27	3.80	3.80
	Running current [Rated]*5		**A**	14.80	12.70	5.20	16.00	15.00	5.60
	Sound Pressure Level*2	**In (Lo-Mid2 Mid1-Hi) (SPL)**	**dBA**	29 - 32 - 36 - 38	29 - 32 - 36 - 38	29 - 32 - 36 - 38	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45
		Out (PWL)	**dBA**	54 (72)	51 (69)	52 (70)	56 (74)	52 (70)	52 (70)
	Air Volume (In) Lo-Mid2-Mid1-Hi		**L/s**	500 - 567 - 633 - 700	500 - 567 - 633 - 700	500 - 567 - 633 - 700	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000
Max. Running Current			**A**	23.40	29.88	13.88	30.20	31.20	15.20
Indoor Unit	**Input [Rated]**		**kW**	0.187/0.187	0.187/0.187	0.187/0.187	0.477/0.477	0.477/0.477	0.477/0.477
	Dimensions [HxWxD]		**mm**	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900
	Weight		**kg**	63.0	63.0	63.0	66.0	66.0	66.0
	Static Pressure		**Pa**	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150	50/100/150
Outdoor Unit	**Dimensions [HxWxD]**		**mm**	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	981 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)
	Weight		**kg**	76.0	113.0	114.0	84.0	113.0	114.0
	Breaker Size		**A**	32	32	16	32	32	16
Ext.Piping	**Diameter [Liquid/Gas]**		**mm**	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88
	Max. Length/Height		**m**	55/30	75/30	75/30	55/30	75/30	75/30
Guaranteed Operating Range [Outdoor]		**Cooling*3**	**°C**	-15 ~ 46	-5 (-15) ~ 52	-5 (-15) ~ 52	-15 ~ 46	-5 (-15) ~ 52	-5 (-15) ~ 52
		Heating	**°C**	-15 ~ 21	-20 ~ 21	-20 ~ 21	-15 ~ 21	-20 ~ 21	-20 ~ 21
Supply Air Duct			**mm**	1325 x 266	1325 x 266	1325 x 266	1325 x 266	1325 x 266	1325 x 266
Return Air Duct			**mm**	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")
Pre-Charge Refrigerant			**kg**	3.10 (30m)	4.00 (30m)	4.00 (30m)	3.60 (30m)	4.00 (30m)	4.00 (30m)
Additional Refrigerant			**g/m**	40	40	40	40	40	40

Notes:

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

Rating Conditions:

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

PEA-M HAA Series (Ceiling Concealed)									
Indoor Unit				**PEA-M140HAA**			**PEA-M160HAA**		
Outdoor Unit				**PUZ-M140VKA-A**	**PUZ-ZM140VKA2-A**	**PUZ-ZM140YKA2-A**	**PUZ-ZM160VKA**	**PUZ-ZM160YKA**	
Refrigerant				R32					
Power Supply	**Source**			Outdoor power supply					
	Outdoor			V: 230 V, Single-phase, 50 Hz Y: 400 V, Three-phase, 50 Hz					
	Indoor			-			230 V, Single-phase, 50 Hz		
Cooling	**Capacity [Min-Rated*4-Max]**		**kW**	6.20 - 14.00 - 15.30	6.20 - 14.00 - 15.30	6.20 - 14.00- 15.30	4.70 - 16.00 - 17.00	4.70 - 16.00 - 17.00	
	Total Input [Rated]*4		**kW**	4.24	4.19	4.19	4.95	4.95	
	AEER/EER*1			3.23/3.30	3.26/3.34	3.22/3.34	3.16/3.23	3.16/3.23	
	TCSPF (Residential)		**Hot**	4.49	4.42	4.42	5.15	5.15	
			Average	3.98	3.88	3.88	4.45	4.45	
			Cold	4.06	3.93	3.93	4.56	4.56	
	Running Current [Rated]*4		**A**	19.50	18.30	6.80	19.12	5.04	
	Sound Pressure Level*2	**In (Lo-Mid2-Mid1-Hi) (SPL)**	**dBA**	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	
		Out (PWL)	**dBA**	53 (71)	50 (70)	50 (70)	58 (74)	58 (74)	
	Air Volume (In) Lo-Mid2-Mid1-Hi		**L/s**	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	
Heating	**Capacity [Min-Rated*5-Max]**		**kW**	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	5.40 - 18.00 - 20.00	5.40 - 18.00 - 20.00	
	Total Input [Rated]*5		**kW**	3.85	3.97	3.97	4.58	4.58	
	ACOP/COP			4.06/4.15	3.92/4.03	3.88/4.03	3.84/3.93	3.84/3.93	
	HSPF (Residential)		**Hot**	4.69	4.63	4.63	4.73	4.73	
			Average	4.20	4.20	4.20	4.16	4.16	
			Cold	3.60	3.70	3.70	3.62	3.62	
	Running current [Rated]*5		**A**	17.70	17.70	6.30	17.95	4.27	
	Sound Pressure Level*2	**In (Lo-Mid2 Mid1-Hi) (SPL)**	**dBA**	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	35 - 38 - 42 - 45	17.95/4.27	
		Out (PWL)	**dBA**	54 (72)	52 (71)	52 (71)	59 (75)	59 (75)	
	Air Volume (In) Lo-Mid2-Mid1-Hi		**L/s**	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	700 - 800 - 900 - 1000	
Max. Running Current			**A**	30.20	32.20	15.20	33.06	14.26	
Indoor Unit	**Input [Rated]**		**kW**	0.477/0.477	0.477/0.477	0.477/0.477	-	-	
	Dimensions [HxWxD]		**mm**	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	380 x 1405 x 900	
	Weight		**kg**	66.0	66.0	66.0	66	66	
	Static Pressure		**Pa**	50/100/150	50/100/150	50/100/150	50 - 100 - 150	50 - 100 - 150	
Outdoor Unit	**Dimensions [HxWxD]**		**mm**	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	
	Weight		**kg**	99.0	113.0	114.0	115	116	
	Breaker Size		**A**	40	40	16	40	16	
Ext.Piping	**Diameter [Liquid/Gas]**		**mm**	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88	ø9.52/ø19.10	ø9.52/ø19.10	
	Max. Length/Height		**m**	55/30	75/30	75/30	75/30	75/30	
Guaranteed Operating Range [Outdoor]		**Cooling*3**	**°C**	-5(-15) ~ 46	-5 (-15) ~ 52	-5 (-15) ~ 52	-5(-15) ~ 52	-5(-15) ~ 52	
		Heating	**°C**	-15 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	-20 ~ 21	
Supply Air Duct			**mm**	1325 x 266	1325 x 266	1325 x 266	1325 x 266	1325 x 266	
Return Air Duct			**mm**	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	2 x 400 (2 x 16")	
Pre-Charge Refrigerant			**kg**	4.00 (55m)	4.00 (30m)	4.00 (30m)	5.00 (30m)	5.00 (30m)	
Additional Refrigerant			**g/m**	Not required	40	40	70 (up to 60m)*4	70 (up to 60m)*4	

Notes:

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

Rating Conditions:

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

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**	5.52	6.40	8.00
	AEER/EER			3.20/3.26	3.07/3.12	3.02/3.06
	TCSPF (Residential)		**Hot**	4.62	4.62	4.33
			Average	4.16	4.13	3.94
			Cold	4.23	4.25	4.04
	Running Current [Rated]*1		**A**	22.23/5.45	10.29	12.50
	Sound Pressure Level*2	**In (Lo-Mid2-Mid1-Hi) (SPL)**	**dBA**	30 - 37.5 - 42 - 46	30 - 37.5 - 42 - 46	32.5 - 40 - 45.5 - 48.5
		Out (PWL)	**dBA**	58 (74)	60 (75)	60 (75)
	Air Volume (In) Lo-Mid2-Mid1-Hi		**L/s**	600 - 833 - 1017 - 1200	600 - 833 - 1017 - 1200	700 - 967 - 1200 - 1400
Heating	**Capacity [Min-Rated*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
	ACOP/COP			3.84/3.92	3.72/3.79	3.67/3.73
	HSPF (Residential)		**Hot**	4.79	4.38	4.59
			Average	4.18	3.78	3.89
			Cold	3.58	3.41	3.40
	Running Current [Rated]*1		**A**	20.97/5.46	9.29	11.14
	Sound Pressure Level*2	**In (Lo-Mid2-Mid1-Hi) (SPL)**	**dBA**	30 - 37.5 - 42 - 46	30 - 37.5 - 42 - 46	32.5 - 40.0 - 45.5 - 48.5
		Out (PWL)	**dBA**	60 (76)	60 (76)	60 (76)
	Air Volume (In) Lo-Mid2-Mid1-Hi		**L/s**	600 - 833 - 1017 - 1200	600 - 833 - 1017 - 1200	700 - 967 - 1200 - 1400
Indoor Unit	**Dimensions [HxWxD]**		**mm**	470 x 1370 x 1120	470 x 1370 x 1120	470 x 1370 x 1120
	Weight		**kg**	88	88	88
	Static Pressure		**Pa**	75 - 100 - 150 - 200 - 250	75 - 100 - 150 - 200 - 250	75 - 100 - 150 - 200 - 250
	Max. Running Current		**A**	4.80	4.80	4.80
Outdoor Unit	**Dimensions [HxWxD]**		**mm**	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)	1338 x 1050 x 330 (+40)
	Weight		**kg**	115/116	136	139
	Max. Running Current		**A**	28.22 (V)/9.27 (Y)	18.00	20.00
	Breaker Size		**A**	40 (V)/16 (Y)	25	25
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**	**°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	90

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.

		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 24V AC damper motor connecting type: PAC-ZC40L-E • Maximum 8 of 24V AC damper motor connecting type: PAC-ZC80L-E • Maximum 4 of 240V AC damper motor connecting type: PAC-ZC40H-E • Maximum 8 of 240V 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 24V AC motors are used ensure the transformer is adequately sized for the zone motors connected and ensure it's suitable for the installation conditions.

		Joint Pipe		Liquid Ref. Dryer	Air Outlet Guide					Air Protection Guide		Drain Socket	Centralised Drain Pan		M-NET Converter	Control/ Service Tool
		Unit Ø9.52 Pipe Ø12.7		For Pipe Ø9.52												
		PAC-SG73RJ-E	PAC-SJ88RJ-E	PAC-SG82DR-E	MAC-881SG	MAC-886SG	MAC-889SG	PAC-SG59SG-E	PAC-SH96SG-E	PAC-SH63AG-E	PAC-SH95AG-E	PAC-SH71DS-E	PAC-SG64DP-E	PAC-SH97DP-E	PAC-SJ95MA-E	PAC-SK52ST
S Series	SUZ-M25VAD-A				●		●									
	SUZ-M35VAD-A				●		●									
	SUZ-M50VAD-A					●										
	SUZ-M60VAD-A					●										
	SUZ-M71VAD-A					●										
P Series	PUZ-M100VKA-A		●	●					●		●	●		●	●	●
	PUZ-M125VKA-A		●	●					●		●	●		●	●	●
	PUZ-M140VKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM71VHA2-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								●		●	●		●	●	●

			Filter Box				Drain Pump		System Control Interface	Wi-Fi Interface	Power Supply Terminal Kit	Wired Remote Controller		Wireless Remote Controller		Remote Sensor	Remote On/Off Adapter
												Controller		Signal Sender	Signal Receiver		
			PAC- KE93 TB-E	PAC- KE94 TB-E	PAC- KE95 TB-E	PAC-KE250TB-F	PAC-KE06DM-F1	PAC- KE07 DM-E	MAC-334IF-E	MAC-568IF-E	PAC- SG97 HR-E	PAR-41MAA	PAC- YT52 CRA	PAR- SL97A-E	PAR-SA9CA-E	PAC-SE41TS-E	PAC- SE55 RA-E
S Series	Ceiling Concealed	SEZ-M25DA(L)						●	●	●		●*1	●*1	●	●	●	●
		SEZ-M35DA(L)						●	●	●		●*1	●*1	●	●	●	●
		SEZ-M50DA(L)						●	●	●		●*1	●*1	●	●	●	●
		SEZ-M60DA(L)						●	●	●		●*1	●*1	●	●	●	●
		SEZ-M71DA(L)						●	●	●		●*1	●*1	●	●	●	●
P Series	Ceiling Concealed	PEAD-M50JAA(D)	●						●	●	●	●	●	●	●	●	●
		PEAD-M60JAA(D)	●						●	●	●	●	●	●	●	●	●
		PEAD-M71JAA(D)	●						●	●	●	●	●	●	●	●	●
		PEAD-M100JAA(D)		●					●	●	●	●	●	●	●	●	●
		PEAD-M125JAA(D)		●					●	●	●	●	●	●	●	●	●
		PEAD-M140JAA(D)			●				●	●	●	●	●	●	●	●	●
		PEA-M100GAA								●	●	●	●	●	●	●	●
		PEA-M125GAA								●	●	●	●	●	●	●	●
		PEA-M140GAA								●	●	●	●	●	●	●	●
		PEA-M100HAA								●	●	●	●	●	●	●	●
		PEA-M125HAA								●	●	●	●	●	●	●	●
		PEA-M140HAA								●	●	●	●	●	●	●	●
		PEA-M160HAA								●	●	●	●	●	●	●	●
		PEA-M180LAA				●	●		●	●		●	●	●	●	●	●
		PEA-M200LAA				●	●		●	●		●	●	●	●	●	●
		PEA-M250LAA				●	●		●	●		●	●	●	●	●	●

Notes:

*1 Wired controllers to be used with SEZ-M.DA models only. DAL are wireless controlled.

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.

All care is taken in the preparation of information to ensure it is accurate and current. Specifications and information are subject to change without notice. Colours depicted in this material may vary slightly from the actual product. Images presented are not to scale and are for illustrational purposes only. Suitable access for warranty and service is required.

Products in this brochure contain refrigerant R32. The purchaser must ensure the person and/or companies are suitably licensed and experienced are permitted to install, service and repair these products. Please refer to the specifications before installation and servicing.

Distributed and guaranteed throughout Australia by
MITSUBISHI ELECTRIC AUSTRALIA PTY. LTD.
(Incorporated in New South Wales) A.B.N. 58 001 215 792

For more information, **call 1300 722 228 or visit www.mitsubishielectric.com.au**

DUCTED2024_DEC24

Scan for more info

See website for full Terms and Conditions