MITSUBISHI ELECTRIC

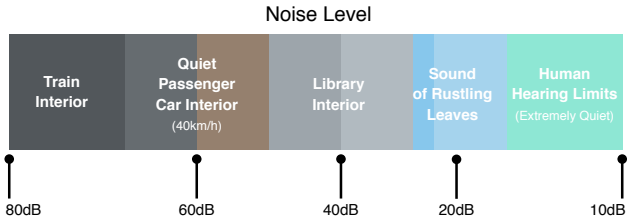
Ducted Air Conditioning

Why Choose Mitsubishi Electric?

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

Quiet Operation

We recognise that noise affects comfort, so we constantly work to make our air conditioners as quiet as possible. With improvements to our fan blades combined with our grille shape to our outdoor unit, it's even quieter when in low noise mode. We want you to feel it, not hear it.



Uninterupted Design

Mitsubishi Electric ducted systems allow for a range of diffuser designs to best suit your home decor. Talk to your installer about what is right for you.

Precise Control

Making the most of your air conditioner all starts with the controls, these allow you to create the comfort levels that match your demands. As air conditioners are becoming more advanced, so are the controls, to allow accuracy and ease of use to maximise the functionality of your air conditioner.

Peace of Mind

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

See website for terms & conditions.

The products of Mitsubishi Electric Australia comes 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.

Our commitment to quality, service, research and development has helped us gain one of the leading positions in today's marketplace, in heating, cooling and air conditioning for the home or office.

#**works**for**me**

Live in Ultimate Comfort

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

SEZ Series

- Designed for homes, offices, restaurants or shops.
- At only 200mm height its design guarantees ease of installation.
- Provides air conditioning efficiency and comfort.

PEAD Series

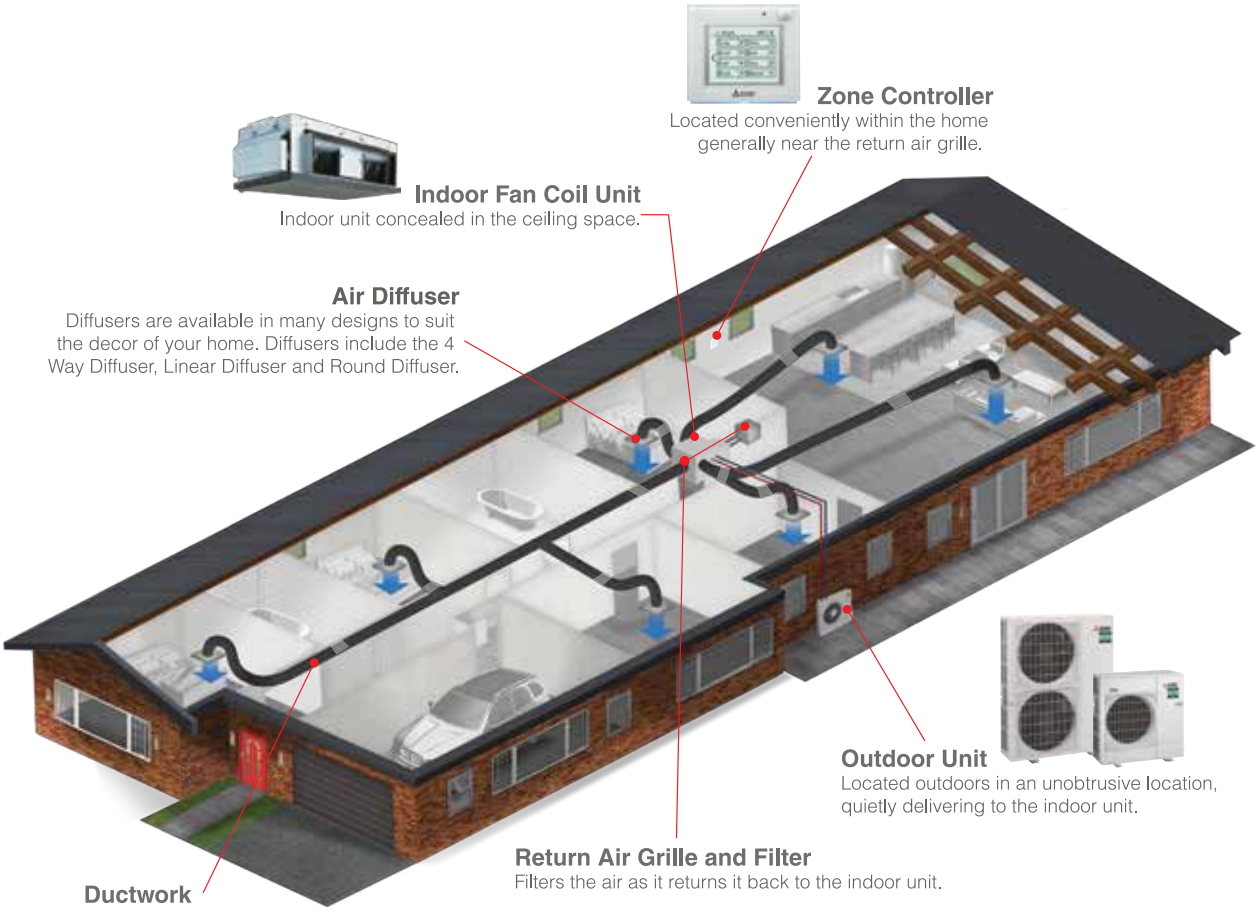
- A wide range of static pressures allow airflow to be directed to different areas of your home or office with ease.
- Ideal for heating or cooling multiple rooms.
- The solution for buildings with low ceiling space (as low as 250mm).

PEA Series

- To increase the efficiency of dehumidification the fan speed is effectively controlled electronically in dry mode.
- For easier handling on roof space the new ducted fan coil unit has a two-piece construction. (PEA-RP170/200/250)
- Increased variation in airflow to ensure operation that suits most room layouts.

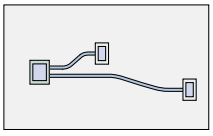
Outdoor Units

Mitsubishi Electric's Inverters meet the needs of homes, shops and offices with the ability to select the model to best match your requirements. The maximum operating heating/cooling capacity of the Mr. Slim Power Inverter units has improved (compared to previous non-inverter models) when operating in either low or high outdoor temperatures. With a wider performance range operation now possible at lower speeds, comfort is improved while power consumption is reduced.

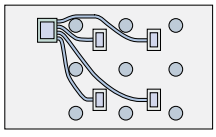


Freedom in Installation

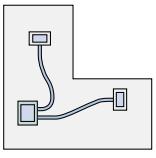
Versatile and easy installation is possible, for example, it is possible to adjust the distance between the air intake and the air outlet vents to create the optimal airflow configuration.



Long rectangular room



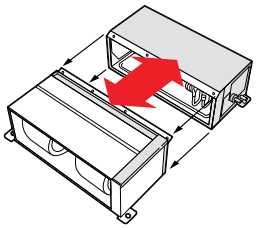
Room with fixed ceiling fixtures



L-shaped room

Easier Handling

The ducted fan coil unit (PEA-RP170/200/250) has a two-piece construction. This allows separation of the indoor unit heat exchanger and the fan deck assembly for easier handling into the roof space.



Must be reassembled and installed prior to using the system.

Flexible Duct Design

A flexible duct design and 150Pa external static high-pressure are incorporated. The increased variation in airflow options ensures operation that best matches virtually all room layouts.

Longer Maximum Piping Length

It is now possible to pipe refrigerant up to 75 metres to the concealed ceiling unit, therefore creating a wide range of layout possibilities for unit installation.

Controls

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

7 Day Wired Controller

The wall mounted 7 Day Controller is an optional upgrade with the ability to connect to all Mitsubishi Electric systems listed in this brochure. The PAR-40MAA Controller allows you to program up to 8 stop/start patterns per day for up to 7 days at a time. Other features include a variety of operation control functions, error information, temperature range restriction, operation lock and multi-language display. The PAR-40MAA also offers the following at the touch of a button: LCD backlit screen, large, easy to read display and mode view for both icon and word display.

PAC-YT52CRA Controller

To simplify operation of the system, the range of controls has been limited to On/Off, mode, room temperature, fan speed and additional vane control for high walls, cassettes, and under ceiling units.
The controller has the ability to sense the room ambient via the inbuilt thermostat. This means you are sensing the actual space temperature where the end user is.

PAR-CT01MAA Bluetooth* Touch Screen Controller

The full colour touch controller PAR-CT01MAA enables the control of both residential and commercial air conditioning applications. It has a customisable 3.5 inch colour LCD touch panel that makes it easy to use.

Available in white or premium black finishes, suitable for any decor.
Operation panels are easier to see and simple to use with big visible-sized icons.
Logo images can also be displayed on the initial screen for more customisation.

Available in White and Premium Black.

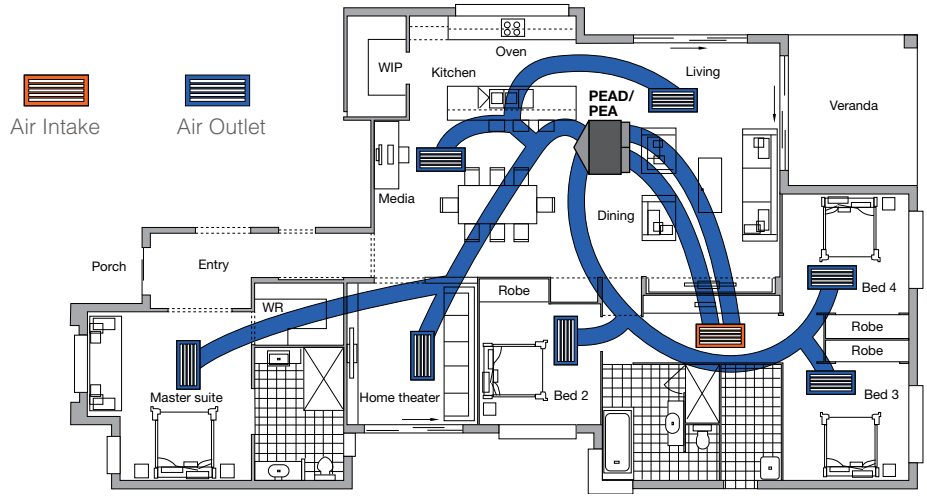
*Available for PAR-CT01MAA-SB and PAR-CT01MAA-PB.

ZONE CONTROLLER

Mitsubishi Electric's Zone Controller has the ability to control up to 4 or 8 zones.
The Zone Remote Controller allows monitoring and operating of the air conditioning unit and zones, schedule operation of unit and zones is also available. It is equipped with three built-in sensors (temperature, brightness and occupancy) which allows for comfortable air environment and also helps to reduce energy consumption.

Control Operation of up to 8 Dampers

By controlling the operation of up to eight dampers, excessive power consumption to condition unoccupied areas and areas where air conditioning is not needed can be prevented. Detailed control makes it possible to set operation to suit the user's needs.



LED Indicator

The LED indicator in the lower part of the controller clearly shows the operation mode. Easily confirm if the air conditioning is On or Off from a distance.
*Set to all green display before shipping.

Brightness sensor: If room light is on, energy-saving control is deactivated.

Occupancy Sensor: Judges whether or not someone is in the room by detecting human motion. If the room is unoccupied, air conditioning is switched to energy-saving mode.

Touch panel with backlight: A 4.3-inch touch-panel liquid-crystal screen with a backlight has been incorporated.

Temperature sensor: Monitors the temperature near the remote controller.

LED indicator: Indicates the operation mode or room temperature using colours.
*Setting is required.

ZONE CONTROLLER FEATURES

- » Fan Speed Control
- » Averaging Sensor Control
- » Energy Save Control
- » Easy Operation
- » Wi-Fi Control (Optional upgrade adapter required per unit)
- » 4.3" User Friendly Touch Panel

Control Your Comfort Anywhere, Anytime

Wi-Fi CONTROL

Wi-Fi Control*

Introducing Wi-Fi Control for Mitsubishi Electric air conditioning systems. Unlock the door to smarter heating and cooling, for total home comfort. This innovative technology connects your Mitsubishi Electric units 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.*1

*Optional upgrade adapter required per unit.

Superior Remote Customisation

This innovative technology places multiple functions of your air conditioner at your fingertips. Turning the unit On/Off, adjusting set temperature, changing mode, fan speed and airflow direction are all possible.

Develop Operating Rules

Tailor your system to meet your needs. 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 help improve comfort day after day.

Control Multiple Units

Customise the settings of each air conditioner in your home. Purchase multiple adapters 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.

Voice control with Amazon Alexa and Google Assistant

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

Coming home with your hands full? Relaxing on the sofa and not ready just yet to get up for the remote? Now you can tell your air conditioner to turn itself on without lifting a finger!

amazon alexa ENABLED

works with the Google Assistant

*1 Optional upgrade adapter required per unit (excludes LN Series due to built-in capabilities). Requires an Internet connection and the App downloaded from the App Store or Google Play Store on your smartphone or tablet with the latest Operating 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.

SPECIFICATIONS

Compact Bulkhead (SEZ Series)								
Indoor Unit				SEZ-KD 25VAQ(L)	SEZ-KD 35VAQ(L)	SEZ-KD50VAQ(L)	SEZ-KD 60VAQ(L)	SEZ-KD 71VAQ(L)
Outdoor Unit				SUZ-KA 25VAD2	SUZ-KA 35VAD2	SUZ-KA 50VAD2	SUZ-KA 60VAD2	SUZ-KA 71VAD2
Refrigerant				R410A				
				230V, Single, 50Hz, Outdoor unit supply				
Cooling	Capacity [Min-Rated-Max]		(kW)	1.5 - 2.5 - 3.2	1.4 - 3.5 - 3.9	2.3 - 5.0 - 5.6	2.3 - 6.0 - 6.3	2.8 - 7.1 - 8.3
	Total Input [Rated]		(kW)	0.72	1.04	1.40	1.77	2.29
	AEER/EER			3.38 / 3.47	3.30 / 3.37	3.50 / 3.57	3.34 / 3.39	3.06 / 3.10
	AEER [Part-load %] *1			-	-	-	-	4.24
	Running Current [Rated]		A	3.64	5.02	6.76	8.36	10.82
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	23 - 26 - 30	23 - 28 - 33	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40
		Out (PWL)		46 (58)	49 (62)	52 (65)	55 (65)	55 (69)
	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-Max]		(kW)	1.3 - 3.0 - 4.5	1.7 - 4.0 - 5.0	1.7 - 6.0 - 7.2	2.5 - 7.0 - 8.0	2.6 - 8.0 - 10.4
	Total Input [Rated]		(kW)	0.82	1.14	1.78	2.07	2.30
	ACOP/COP *3			3.57 / 3.66	3.45 / 3.51	3.32 / 3.37	3.34 / 3.38	3.44 / 3.48
	Running Current [Rated]		(mm)	4.01	5.51	8.41	9.68	10.87
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	23 - 26 - 30	23 - 28 - 33	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40
		Out (PWL)	dB(A)	46 (62)	50 (63)	52 (66)	55 (68)	55 (68)
	Air Volume (In) Lo-Mid-Hi			92 - 117 - 150	117 - 150 - 183	167 - 208 - 250	200 - 250 - 300	200 - 267 - 333
Max. Running Current			A	7.39	8.65	12.62	14.62	16.83
Indoor Unit	Input [Rated]		kW	0.04	0.05	0.07	0.07	0.1
	Dimensions [HxWxD]		mm	200×790×700	200×990×700		200×1190×700	
	Panel Dimensions [HxWxD]		mm	-				
	Weight [Panel]		kg	18	21	23	27	
	Static Pressure		Pa	5 - 15 - 35 - 50				
Outdoor Unit	Dimensions [HxWxD]		mm	550×800×285		880×840×330		
	Weight		kg	31	35	51	51	54
	Max. Running Current		A	7	8.2	12	14	16
	Breaker Size		A	10	10	20	20	20
Ext. Piping	Diameter [Gas/Liquid]		mm	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35	15.88 / 6.35	15.88 / 9.52
	Max. Length/Height		m	20 / 12	20 / 12	30 / 30	30 / 30	30 / 30
Guaranteed Operating Range [Outdoor]	Cooling *2		°C	-10 ~ 46		-15 ~ 52		
	Heating		°C	-10 ~ 24		-15 ~ 24		
Supply Air Duct			mm	660 x 150	860 x150		1060 x 150	
Pre Charge Refrigerant			kg	0.8 (5.0m)	1.05 (5.0m)	1.6 (7.0m)	1.8 (7.0m)	1.8 (7.0m)
Additional Refrigerant			per M(g)	30		20		55

*MEPS compliant at part load.

(Rating Conditons)

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.

SPECIFICATIONS

Ceiling-Concealed (PEAD Series)													
Indoor Unit				PEAD-M71JAAD		PEAD-M100JAAD		PEAD-M125JAAD		PEAD-M140JAAD	
Outdoor Unit				SUZ-KA71VAD2	PUZ-ZM71VHA-A	PUZ-ZM100VKA	PUZ-ZM100YKA	PUZ-ZM125VKA	PUZ-ZM125YKA	PUZ-ZM140VKA	PUZ-ZM140YKA
Refrigerant				R410A	R32						
Power Supply				V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz							
Cooling	Capacity [Min-Rated-Max]		(kW)	2.8 - 7.1 - 8.1	3.3 - 7.1 - 8.1	4.9 - 10.0 - 11.4	4.9 - 10.0 - 11.4	5.5 - 12.5 - 14.0	5.5 - 12.5 - 14.0	6.2 - 14.0 - 15.3	6.2 - 14.0 - 15.3
	Total Input [Rated]		(kW)	2.10	1.85	2.67	3.13	3.66	3.66	4.37	4.37
	AEER/EER			3.34 / 3.38	3.63 / 3.83	3.60 / 3.74	3.04 / 3.19	3.32 / 3.41	3.28 / 3.41	3.13 / 3.20	3.09 / 3.20
	AEER [Part-load %] *1			-	-	-	4.23	-	-	4.20	4.09
	Running Current [Rated]		A	10.49	10.33	12.20	5.20	16.70	6.40	19.77	7.40
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	30 - 34 - 39		33 - 38 - 42		36 - 40 - 44		40 - 44 - 49	
		Out (PWL)		55 (69)	47 (67)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)	50 (70)
	Air Volume (In) Lo-Mid-Hi		L/S	292 - 350 - 417		400 - 483 - 567		492 - 592 - 700		533 - 650 - 767	
Heating	Capacity [Min-Rated-Max]		(kW)	2.6 - 8.0 - 10.2	3.5 - 8.0 - 10.2	4.5 - 11.2 - 14.0	4.5 - 11.2 - 14.0	5.10 - 14.0 -16.0	5.10 - 14.0 - 16.0	5.7 - 16.0 - 18.0	5.7 - 16.0 - 18.0
	Total Input [Rated]		(kW)	2.04	1.93	2.80	3.06	3.52	3.52	4.18	4.18
	ACOP/COP			3.87 / 3.92	3.93 / 4.14	3.86 / 4.00	3.49 / 3.66	3.86 / 3.97	3.81 / 3.97	3.73 / 3.82	3.69 / 3.82
	Running Current [Rated]		(mm)	10.08	8.80	12.70	5.10	16.00	6.20	18.80	7.10
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	30 - 34 - 39		33 - 38 - 42		36 - 40 - 44		40 - 44 - 49	
		Out (PWL)	dB(A)	55 (68)	51 (70)	51 (69)	52 (70)	52 (70)	52 (70)	52 (71)	52 (71)
	Air Volume (In) Lo-Mid-Hi			292 - 350 - 417		400 - 483 - 567		492 - 592 - 700		533 - 650 - 767	
Max. Running Current			A	16.00	20.28	29.18	13.18	29.90	13.90	31.10	14.10
Indoor Unit	Input [Rated]		kW	(0.17) / 0.15		(0.25) / 0.23		(0.36) / 0.34		(0.39) / 0.37	
	Dimensions [HxWxD]		mm	250 X 1100 X 732		250 X 1400 X 732		250 X 1400 X 732		250 X 1600 X 732	
	Weight		kg	30		29		40		44	
	Static Pressure		Pa	35 / 50 / 70 / 100 / 125							
Outdoor Unit	Dimensions [HxWxD]		mm	880 x 840 x 330	943 x 950 x 300 (+25)	1338 x 1050 x 330 (+40)					
	Weight		kg	54	70	111	112	111	112	111	112
	Breaker Size		A	20	25	32	16	32	16	40	16
Ext. Piping	Diameter [Gas/Liquid]		mm	15.88 / 9.52							
	Max. Length/Height		m	30 / 30	50 / 30	75 / 30					
Guaranteed Operating Range [Outdoor]		Cooling *2	°C	-15 ~ 52	-5 (-15) ~ 52						
		Heating	°C	-15 ~ 24	-20 ~ 21						
Supply Air Duct			mm	1060 x 178		1360 x 178				1560 x 178	
Pre Charge Refrigerant			kg	2.8 (30m)		4 (30m)					
Additional Refrigerant			per M(g)	40							

*1 MEPS compliant at part load.

*2 With the optional air protection guide, the operation at -15°C outdoor temperature is possible.

(Rating Conditons)

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.

SPECIFICATIONS

Ceiling-Concealed (PEA Series)

Indoor Unit				PEA-M100GAA		PEA-M125GAA		PEA-M140GAA		PEA-RP170WJA		PEA-RP 200WJA	PEA-RP 250WHA
Outdoor Unit				PUZ-ZM 100VKA	PUZ-ZM 100YKA	PUZ-ZM 125VKA	PUZ-ZM 125YKA	PUZ-ZM 140VKA	PUZ-ZM 140YKA	PUZ-RP 170VKA	PUZ-RP 170YKA	PUZ-RP 200YKA	PUHZ-RP 250YKM
Refrigerant				R32						R410A			
Power Supply		Source		Outdoor power supply									Indoor / outdoor separate power supply
		Outdoor		V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz									
		Indoor		-									230V, Single-phase, 50Hz
Cooling	Capacity [Min-Rated-Max]		(kW)	4.9-10.0-11.4	4.9-10.0-11.4	5.5-12.5-14.0	5.5-12.5-14.0	6.2-14.0-15.3	6.2-14.0-15.3	9.0-16.0-19.5	9.0-16.0-19.5	9.0-18.9-22.4	11.2-22.0-27.0
	Total Input [Rated]		(kW)	2.39	2.91	3.52	3.52	4.10	4.10	4.94	4.94	5.92	6.11
	AEER/EER			4.01 / 4.18	3.26 / 3.43	3.45 / 3.55	3.40 / 3.55	3.33 / 3.41	3.29 / 3.41	3.16 / 3.23	3.14 / 3.23	3.11 / 3.19	3.27 / 3.60
	AEER [Part-load %] *1			-	-	-	-	-	-	3.77	3.73	3.75	-
	Running Current [Rated]		A	11.30	4.90	16.00	5.20	18.70	6.10	25.02	8.40	9.7	4.34 / 9.7 (Indoor / Outdoor)
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	39 - 42		42 - 45				38 - 41 - 44			40 - 43 - 46
		Out (PWL)		49 (69)	50 (70)	50 (70)	50 (70)	50 (70)	50 (70)	58 (76)	58 (76)	58 (76)	78
	Air Volume (In) Lo-Mid-Hi		L/S	567 - 700		800 - 1000				833 - 1017 - 1200			967-1183-1400
Heating	Capacity [Min-Rated-Max]		(kW)	4.5-11.2-14.0	4.5-11.2-14.0	5.0-14.0-16.0	5.0-14.0-16.0	5.7-16.0-18.0	5.7-16.0-18.0	9.5-20.0-22.4	9.5-20.0-22.4	9.5-22.4-25.0	12.5-25.0-29.0
	Total Input [Rated]		(kW)	2.51	3.00	3.27	3.27	3.90	3.90	6.00	6.00	6.89	6.89
	ACOP/COP *3			4.28 / 4.46	3.55 / 3.73	4.15 / 4.28	4.09 / 4.28	3.99 / 4.10	3.95 / 4.10	3.26 / 3.33	3.25 / 3.33	3.18 / 3.25	3.37 / 3.62
	Running Current [Rated]		(mm)	11.50	5.00	15.40	5.40	17.70	6.20	27.51	9.70	7.80	4.34 / 11.0 (Indoor / Outdoor)
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	39 - 42		42 - 45				38 - 41 - 44		40 - 43 - 46	40 - 43 - 46
		Out (PWL)	dB(A)	51 (69)	52 (70)	52 (70)	52 (70)	52 (71)	52 (71)	59 (76)	59 (76)	59 (76)	78
	Air Volume (In) Lo-Mid-Hi			567 - 700		800 - 1000				833 - 1017 - 1200			967-1183-1400
Max. Running Current			A	30.78	14.78	31.86	15.86	32.86	15.86	36.57	21.57	21.57	5.50 / 22.2 (Indoor / Outdoor)
Indoor Unit	Input [Rated]		kW	0.21 / 0.21		0.49 / 0.49							0.66 / 0.66
	Dimensions [HxWxD]		mm	400 × 1400 × 634						470 × 1370 × 1120			
	Weight		kg	63						108			
	Static Pressure		Pa	50 / 100 / 150						60 / 75 / 100 / 150			
Outdoor Unit	Dimensions [HxWxD]		mm	1338 × 1050 × 330 (+40)									1650×920x740
	Weight		kg	113	114	113	114	113	114	124	125	135	199
	Breaker Size		A	32	16	32	16	40	16	40	32	32	32
Ext. Piping	Diameter [Gas/Liquid]		mm	15.88 / 9.52						25.4 / 9.52			9.52 / 22.2
	Max. Length/Height		m	75 / 30									
Guaranteed Operating Range [Outdoor]	Cooling *2		°C	-5 (-15) ~ 52									-5 ~ 46
	Heating		°C	-20 ~ 21									-20 ~ 15.5
Supply Air Duct			mm	921 x 250						1100 x 340			
Return Air Duct			mm	1102 x 330						1100 x 420			
Pre Charge Refrigerant			kg	4 (30)						7.7 (30m)			9.0 (0m)
Additional Refrigerant			Per M(g)	60						90			60g/m + 3kg

*1 MEPS compliant at part load.

*2 With the optional air protection guide, the operation at -15°C outdoor temperature is possible.

*3 Rated EER/COP for PEA-RP710/200WJA/250WHA are measured at 75Pa.

*Sound pressure level for PEA-M125/140 are measured in anechoic chamber at ESP50 Pa.
Sound pressure level or PEA-RP170/200WHA/250WHA are measured in anechoic chamber at ESP150 Pa.

(Rating Conditons)

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.

SPECIFICATIONS

Ceiling-Concealed (PEA-M HAA Series)											
Indoor Unit			PEA-M100HAA		PEA-M125HAA		PEA-M140HAA	
Outdoor Unit			PUZ-ZM 100VKA-A	PUZ-ZM 100YKA-A	PUZ-ZM 125VKA-A	PUZ-ZM 125YKA-A	PUZ-ZM 140VKA-A	PUZ-ZM 140YKA-A
Refrigerant			R32					
Power supply (V, phase, Hz)		**Outdoor**	V:230V, Single-phase, 50Hz Y:400V, Three-phase, 50Hz					
Cooling	**Capacity (Min-Rated-Max)**	**kW**	4.9-10.0-11.4		5.5-12.5-14.0		6.2-14.0-15.3	
	Total input (Rated)	**kW**	2.65	3.11	3.5	3.5	4.19	4.19
	AEER/EER		3.63/3.77	3.06/3.21	3.47/3.57	3.42/3.57	3.26/3.34	3.22/3.34
	AEER (Part-load %) *1		-	4.33	-	-	-	-
	Running current (Rated)	**A**	12.20	5.20	15.40	5.90	18.30	6.80
	Sound Pressure Level	**In (Lo-Mid2-Mid1-Hi) (SPL) *3**	29-32-36-38		35-38-42-45			
		Out (PWL)	49(69)	50(70)	50(70)	50(70)	50(70)	50(70)
	Air Volume In (Lo-Mid2-Mid1-Hi)	**L/S *3**	500-567-633-700		700-800-900-1000			
Heating	**Capacity (Min-Rated-Max)**	**kW**	4.5-11.2-14.0		5.0-14.0-16.0		5.7-16.0-18.0	
	Total input (Rated)	**kW**	2.71	3.12	3.4	3.4	3.97	3.97
	ACOP/COP		3.98/4.13	3.42/3.58	3.99/4.11	3.94/4.11	3.92/4.03	3.88/4.03
	ACOP (Part-load %) *1		-					
	Running current (Rated)	**A**	12.70	5.20	15.00	5.60	17.70	6.30
	Sound Pressure Level	**In (Lo-Mid2-Mid1-Hi) (SPL) *3**	29-32-36-38		35-38-42-45			
		Out (PWL)	51(69)	52(70)	52(70)	52(70)	52(71)	52(71)
	Air Volume In (Lo-Mid2-Mid1-Hi)	**L/S *3**	500-567-633-700		700-800-900-1000			
Max. Running Current		**A**	29.88	13.88	31.20	15.20	32.20	15.20
Indoor Unit	**Input (Cool Heat) (Rated)**	**kW *3**	0.187/0.187		0.477/0.477		0.477/0.477	
	Dimensions (HxWxD)	**mm**	380x1405x900					
	Weight	**kg**	63		66			
	Static Pressure	**Pa**	50/100/150					
Outdoor unit	**Dimensions (HxWxD)**	**mm**	1338x1050x330(+40)					
	Weight	**kg**	113	114	113	114	113	114
	Breaker size	**A**	32	16	32	16	40	16
Piping	**Diameter (Gas/Liquid)**	**mm**	15.88 / 9.52					
	Max. Length/Height	**m**	75 / 30					
Guaranteed Operating Range (outdoor)		**Cooling (°C) *2**	-5(-15)–52					
		Heating (°C)	-20–21					
Supply Air Duct		**mm**	1325x266					
Return Air Duct		**mm**	2x(510x285)					

*1 MEPS compliant at part load

*2 With the optional air protection guide, the operation at -15˚C outdoor temperature is possible

*3 In case of NOT using air intake flange. With flange, please check P-Q curve on the indoor unit manual.

GUARANTEED OPERATING RANGE						
		SUZ-KA			PUZ	PUHZ
		25/35	50	60/71	71/100/125/140/170/200	250
Cooling	Upper Limit (DB)	46°C	52°C	52°C	52°C	46°C
	Lower Limit (DB)	–10°C	–10°C	–15°C	–5°C (–15°C*)	–5°C
Heating	Upper Limit (DB)	24°C	24°C	24°C	21°C	15.5°C (WB)
	Lower Limit (DB)	–10°C	–15°C	–15°C	–20°C	–20°C (WB)

* With the optional air protection guide, the operation at –15°C outdoor temperature is possible.

Sound Pressure Level:

- Sound pressure measurements were conducted in an anechoic chamber.
- 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 DB, 19°C WB
  Outdoor: 35°C DB
- Heating - Indoor: 20°C DB
  Outdoor: 7°C DB, 6°C WB
- Refrigerant piping length (one-way): 5m

* Above specifications are for outdoor units only.

* For PUHZ-RP250YKM: 7.5m

Total input based on the indicated voltage (indoor/outdoor)

	Indoor	Outdoor
50Hz	Single-phase, 230V	Single-phase, 230V/ Three-phase, 400V

ZONE CONTROLLER

System Components

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 240 V AC damper motor connecting type: PAC-ZC80H-E » Maximum 4 of 24 V AC damper motor connecting type: PAC-ZC40L-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. 1x 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 can not 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.

OPTIONAL PARTS

Outdoor Units

Option / Indoor Unit		Joint Pipe		Liquuid 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-KA25VAD2				●		●									
	SUZ-KA35VAD2				●		●									
	SUZ-KA50VAD2					●										
	SUZ-KA60VAD2					●										
	SUZ-KA71VAD2					●										
P Series	PUZ-ZM71VHA-A		●	●				●		●		●	●		●	●
	PUZ-ZM100VKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM100YKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM125VKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM125YKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM140VKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM140YKA-A		●	●					●		●	●		●	●	●
	PUZ-ZM170VKA-A	●		●					●		●	●		●	●	●
	PUZ-ZM170YKA-A	●		●					●		●	●		●	●	●
	PUZ-ZM200YKA-A	●		●					●		●	●		●	●	●
	PUHZ-ZM250YKM-A								●		●	●		●	●	●

Indoor Units

Indoor Unit \ Option			Filter Box			Drain Pump	System Control Interface	MA & Contact Terminal Interface	Wi-Fi Interface	Power Supply Terminal Kit	Wired Remote Controller		Wireless Remote Controller		Remote Sensor	Remote On/Off Adapter		Connector Cable for Remote Display
											Controller		Signal Sender	Signal Receiver				
			PAC- KE93 TB-E	PAC- KE94 TB-E	PAC- KE95 TB-E	PAC- KE07 DM-E	MAC-334IF-E	MAC-397IF-E	MAC-568IF-E	PAC- SG97 HR-E	PAR- 40MA	PAC- YT52 CRA	PAR- SL97A-E	PAR-SA9CA-E	PAC-SE41TS-E	PAC- SE55 RA-E	PAC- SF40 RM-E	PAC-SA88HA-E
S Series	Ceiling Concealed	SEZ-KD25VAQ(L)				●	●	●	●		●*2	●*2	●	●	●	●	●*3	●
		SEZ-KD35VAQ(L)				●	●	●	●		●*2	●*2	●	●	●	●	●*3	●
		SEZ-KD50VAQ(L)				●	●	●	●		●*2	●*2	●	●	●	●	●*3	●
		SEZ-KD60VAQ(L)				●	●	●	●		●*2	●*2	●	●	●	●	●*3	●
		SEZ-KD71VAQ(L)				●	●	●	●		●*2	●*2	●	●	●	●	●*3	●
P Series	Ceiling Concealed	PEAD-M71JAA(D)	●				●*1	●*1	●	●	●	●	●	●	●	●	●*3	●
		PEAD-M100JAA(D)		●					●	●	●	●	●	●	●	●	●*3	●
		PEAD-M125JAA(D)		●					●	●	●	●	●	●	●	●	●*3	●
		PEAD-M140JAA(D)			●				●	●	●	●	●	●	●	●	●*3	●
		PEA-M100GAA							●	●	●	●	●	●	●	●	●*3	●
		PEA-M125GAA							●	●	●	●	●	●	●	●	●*3	●
		PEA-M140GAA							●	●	●	●	●	●	●	●	●*3	●
		PEA-RP170WJA							●		●	●	●	●	●	●	●*3	●
		PEA-RP200WJA							●		●	●	●	●	●	●	●*3	●
		PEA-RP250WHA							●		●	●			●	●	●*3	●

*1 MAC-334IF-E pr MAC-397IF-E os required.

*2 PAC-SH29TC-E is required.

*3 Unable to use with wireless remote controller.

Dealer Contact Details & Product Recommendations

MITSUBISHI ELECTRIC

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