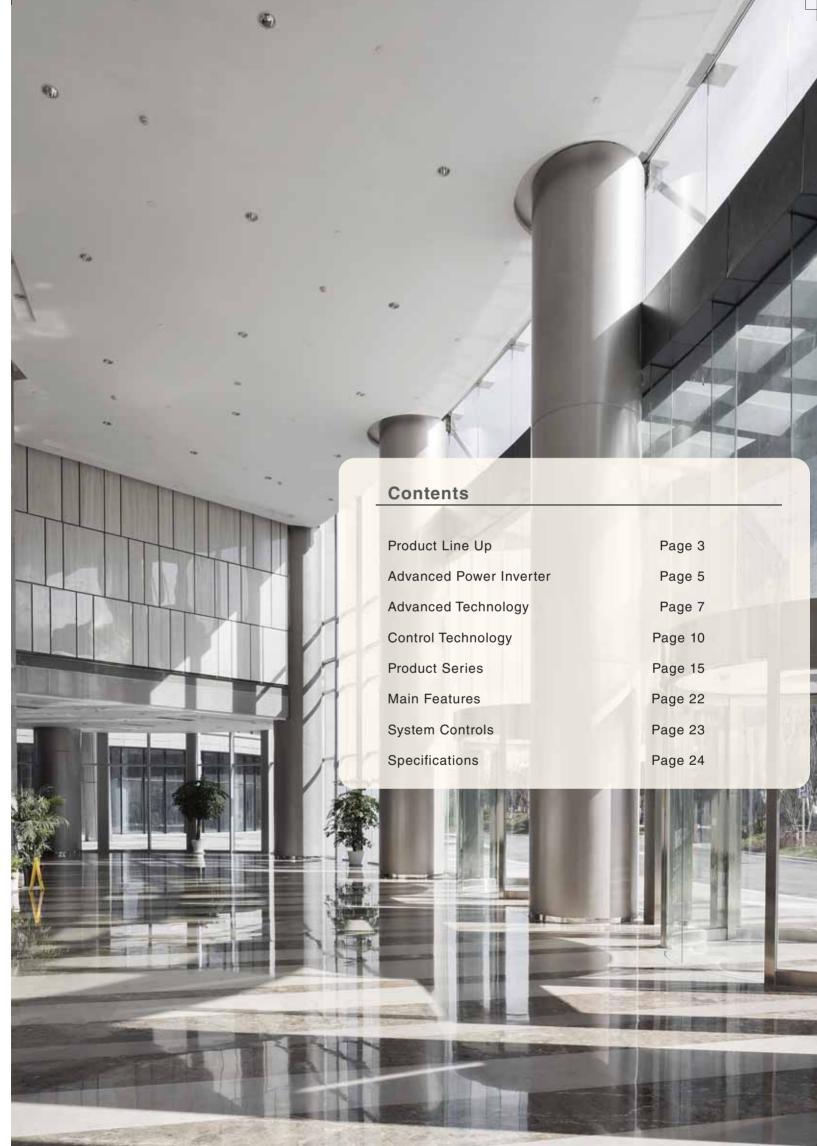


COMFORT TAKES ON NEW MEANING WITH THE POWER OF TECHNOLOGY

Our technologically advanced
Mr. Slim Power Inverter systems
improve comfort, operate with
significantly less noise,
.... and provide increased energy savings.





Product Line-up	Product Line-up				5.0kW	6.0kW
	4-way	SLZ Series Compact cassette	SLZ-KA25VAQ(L)		SLZ-KA50VAQ(L)	
	Ceiling Cassette	PLA Series Wide Power cassette				PLA-RP60BA
	Compact Bulkhead	SEZ Series	SEZ-KD25VAQ(L)	SEZ-KD35VAQ(L)	SEZ-KD50VAQ(L)	SEZ-KD60VAQ(L)
	Ceiling- concealed	PEAD Series				
		PEA Series				
	Ceiling- suspended	PCA Series			PCA-RP50KAQ	PCA-RP60KAQ
	Wall- mounted	PKA Series				
Outdoor unit			SUZ-KA25VAD	SUZ-KA35VAD	SUZ-KA50VAD	SUZ-KA60VAD

^{*}SEZ/SLZ indoor units should be connected to an SUZ outdoor unit.
*PKA-RP71: only for PUHZ-RP outdoor connection.
*PEA-RP: No wireless remote controller as optional parts.

7.1kW	10.0kW	12.5kW	14.0kW	17.0kW	20.0kW	25.0kW	Remote	See
							optional for optional for SLZ-VAQ standard for SLZ-VAL	page 21
PLA-RP71BA	PLA-RP100BA	PLA-RP125BA	PLA-RP140BA				optional optional	15 16
* Combination only with SUZ-KA71 SEZ-KD71VAQ(L)							optional for SEZ-VAQ SEZ-VAQ standard for SEZ-VAL	21
PEAD-RP71JAA	PEAD-RP100JAA	PEAD-RP125JAA	PEAD-RP140JAA				optional optional optional for optional PEAD	17
	PEA-RP100GAA	PEA-RP125GAA	PEA-RP140GAA	PEA-RP170WJA	PEA-RP200WJA	PEA-RP250WHA	optional optional	18
PCA-RP71KAQ	PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ				optional optional	19
* Combination only with PUHZ-RP71 PKA-RP71KAL	PKA-RP100KAL						optional optional	20
SUZ-KA71VAD POWER PROFITER PUHZ-RP71VHA5	PUHZ-RP100V/YKA2	PUHZ-RP125V/YKA2	PUHZ-RP140V/YKA2	PUHZ-RP170V/YKA2	PUHZ-RP200YKA2	PUHZ-RP250YKM		

Advanced Power Inverter

Mitsubishi Electric's Power Inverter systems increase energy efficiency.

To better meet the needs of shops and offices, our outdoor units are offered in three-phase power supply models in addition to the existing line-up of single-phase models. Select the model to best match your needs from our expanded model range.





Outdoor Line-up (PUHZ-RP series)							
	71	100	125	140	170	200	250
Single-phase	•	•	•	•	•		
Three-phase		•	•	•	•	•	•

Demand Function

Based on the connection of a demand response enabling device (DRED) to the outdoor unit, Demand Response Mode is activated in response to signals sent from the electric authority at times when it is necessary to reduce peak demand.

The units with service reference number PUHZ-RP-VHA5R1-A and PUHZ-RP-V/YKA2R1-A are demand response capable.

This capability is possible with the connection of a demand response enabling device (DRED) to the terminal block interface (BT00C023G02).

This item is supplied in a sealed bag located in the compressor chamber. Connection of the terminal block interface is a mandatory requirement for the installation of any PUHZ-RP-VHA5R1-A and PUHZ-RP-V/YKA2R1-A units.

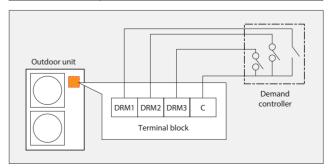
When installed the system is demand response capable; that is, ready to be connected to a demand response enabling device (DRED)*.

*PUHZ-RP250 is excluded.

Please contact Mitsubishi Electric Australia Pty. Ltd. for details.

Air Conditioner Demand Response Mode

Demand Response Mode (DRM)	Description of operation in this mode
DRM1	Compressor Off
DRM2	The air conditioner continues to cool or heat during the demand response event, but the electrical energy consumed by the air conditioner in a half hour period is not more than 50% of the total electrical energy that would be consumed if operating at the rated capacity in a half hour period.
DRM3	The air conditioner continues to cool or heat during the demand response event, but the electrical energy consumed by the air conditioner in a half hour period is not more than 75% of the total electrical energy that would be consumed if operating at the rated capacity in a half hour period.



Long Maximum Piping Length

The maximum piping length is 75m.

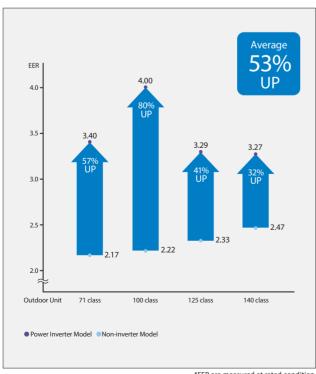
Therefore there is a wide range of layout possibilities for unit installation.

Max. piping length					
	Max. height difference	Max. piping length (one-way)			
PUHZ-RP71	30m	50m			
PUHZ-RP 100/125/140/170/200/250	30m	75m			

High Energy Efficiency

Comparison of EER (cooling mode)

Comparison of EER between non-inverter and Power Inverter (4-way ceiling cassette) models.



*EER are measured at rated condition.

High Power

More Power for Faster Cooling/Heating

Powerful Cooling/Heating Performance

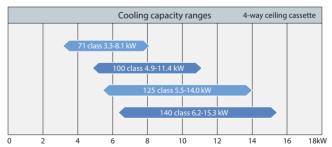
The maximum operating cooling/heating capacity of the Mr. Slim Power Inverter units have been improved (compared to conventional non-inverter models) when operating in either low or high outdoor temperatures.

	Cooling ca	pacity (kW)	4-way ceiling cassette	
	R22 Non-inverter	R410A Power inverter max. (PUHZ-RP)		
71 class	7.7	8.1	105%	
100 class	9.7	11.4	118%	
125 class	12.4	14.0	113%	
140 class	14.0	15.3	109%	

	Heating ca	pacity (kW)	4-way ceiling cassette		
	R22 Non-inverter				
71 class	8.4	10.2	121%		
100 class	10.4	14.0	135%		
125 class	14.0	16.0	114%		
140 class	16.1	18.0	112%		

Wider Performance Range

Operation is now possible at lower speeds, thus cutting energy losses produced by the repeated On/Off operation of non-inverter models. Comfort is improved while power consumption is reduced.





Cleaning-free Pipe Reuse Technology < PUHZ-RP71–200>



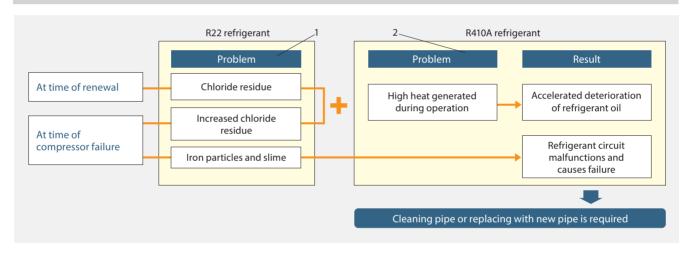
Ability to use existing piping reduces pipe waste and replacement time

No Need to Clean at the Time of System Renewal

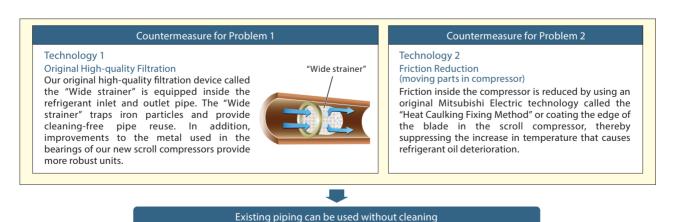
Chloride residue builds up in existing pipes and becomes a source of trouble. In addition, the iron particles and slime produced as a result of compressor failure lead to problems. To counter this, various original Mitsubishi Electric technologies have been combined to enable the introduction of "cleaning-free pipe reuse."

This feature is available in the PUHZ-RP71-200

Why can't existing piping be used?



Mitsubishi Electric's Original Replacement Technologies



Cautions when using existing piping

- When removing an old air conditioning unit, please make sure to perform the pump-down process and recover the refrigerant and refrigerant oil.
- •Check to ensure that the piping diameter and thickness match Mitsubishi Electric specifications.
- •Check to ensure that the flare is compatible with R410A.

Advanced Energy-efficient Technologies

Highly efficient fan and grille for outdoor unit

The shapes of the fan and grille of the outdoor unit have been redesigned, realising an increase in blowing capacity and more efficient heat exchange while maintaining the same operating noise level.

Outdoor unit fan opening increased <PUHZ-RP100-200>
The diameter of the opening for the fan in the outdoor unit has been increased from 490 to 550mm. Blowing capacity has been increased while maintaining the same fan rotation speed.

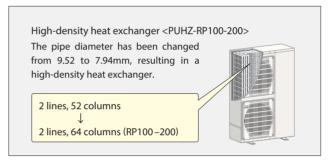
Opening increased from 490 to 550mm in diameter

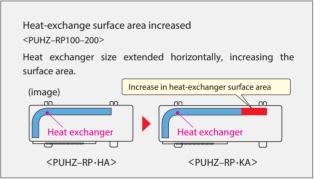
Grille shape changed <PUHZ-RP71-200>
The shape of the air outlet grille has been changed to reduce pressure loss. This has helped to improve heat exchange performance.

Inflexed fan <PUHZ-RP100-200> Adoption of a fan with improved ventilation characteristics and a newly designed rear edge that suppresses wind turbulence raises fan operation efficiency. Fan rear edge

Highly efficient heat exchanger

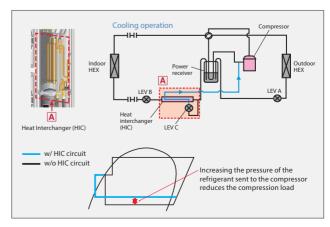
A high density and increase in surface area have improved the heat-exchange efficiency of the heat exchanger.





Heat Interchanger (HIC) Added < PUHZ-RP140>

A HIC circuit has been added to improve energy efficiency during cooling operation. Liquid refrigerant is rerouted, transformed into a gas state and injected back into the system to increase overall pressure of the refrigerant being sent to the compressor, thereby reducing the load on the compressor and raising efficiency.

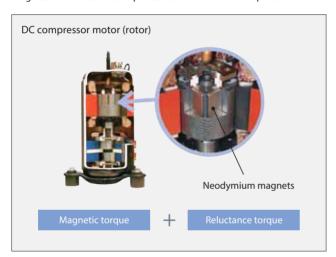


Advanced Technology for High Efficiency

Numerous Leading-edge Technologies Assure High Efficiency

Reluctance DC Rotary Compressor <PUHZ-RP71>

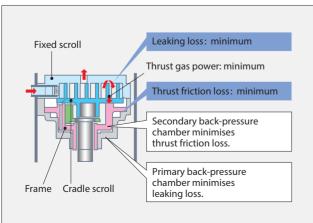
The reluctance DC motor has a rotor equipped with powerful neodymium magnets. The magnetic torque produced by the neodymium magnets and reluctance torque results in more efficient operation.



Highly Efficient DC Scroll Compressor <PUHZ-RP71-200>

Higher efficiency has been achieved by adding a frame compliance mechanism to the DC scroll compressor. The mechanism allows movement in the axial direction of the frame supporting the cradle scroll, thereby greatly reducing the leakage and friction loss, and ensuring higher efficiency at all speeds.



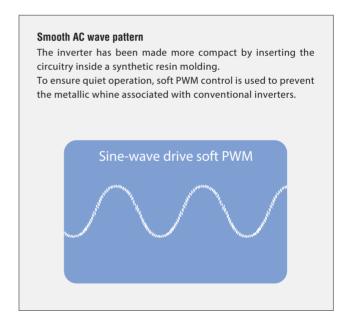


DC Fan Motor <PUHZ-RP71-200>

A highly efficient DC motor has been installed to drive the fan of outdoor units, realising up to 60% higher efficiency when compared to an equivalent AC motor.

Vector-Wave Eco Inverter

This inverter monitors the varying compressor motor frequency and creates the most efficient waveform for the motor speed. As a result, operating efficiency in all speed ranges is improved and less power is used.



Power Receiver and Twin LEV Control <PUHZ-RP71-200>

Mitsubishi Electric has developed a power receiver and twin linear expansion valves (LEVs) that optimise the performance of the compressor. By ensuring optimum control in response to the operating waveform and outdoor temperature, this technology is tailored to the characteristics of the new refrigerant to enhance operating efficiency.

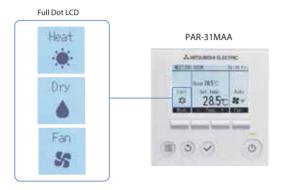
Full Dot Liquid-crystal Display Adopted

PAR-31MAA

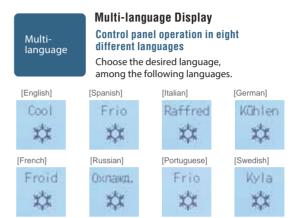
Advanced Technology for High Efficiency

Easier to read thanks to use of a full dot liquid-crystal display with backlight, and easier to use with a menu format that has reduced the number of operating buttons.

Display Example [Operation Mode]



Easy To Read & Easy To Use



Energy-efficient Control

Operation Control Functions

Energyefficiency Schedule

Precise control of power consumption <PUHZ-RP71-200>

The amount of power consumed in each time period is managed so that the demand value is not exceeded. The demand control function can be set to start and finish in 5-minute units. Additionally, the level can be adjusted to 0, 50, 60, 70, 80 or 90% of maximum capacity, and up to 4 patterns can be set per day. Air-conditioning operation is automatically controlled to ensure that electricity in excess of the contracted volume is not consumed.

■Setting pattern example

Start time		Finish time	Adjusted capacity level
8:15	\rightarrow	12:00	80%
12:00	\rightarrow	13:00	50%
13:00	\rightarrow	17:00	90%
17:00	\rightarrow	21:00	50%

Auto-return

Prevents wasteful operation by automatically returning to the preset temperature after specified operation time

After adjusting the temperature for initial heating in winter or cooling on a hot summer day, it is easy to forget to return the temperature setting to its original value. The Auto-return function automatically resets the temperature back to the original setting after a specified period of time, thereby preventing overheating/overcooling. The Auto-return activation time can be set in 10-minute units, in a range between 30 and 120 minutes.

 ${\rm *Auto\text{-}return\ cannot\ be\ used\ when\ Temperature\ Range\ Restrictions\ is\ in\ use.}$

Night Setback

Keep desired room temperatures automatically

This function monitors the room temperature and automatically activates the heating mode when the temperature drops below the preset minimal temperature setting. It has the same function for cooling, automatically activating the cooling mode when the temperature rises above the preset maximum temperature setting.

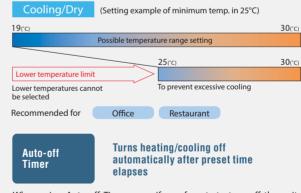
Temperature Range Restriction

Recommended for

Temperature Range Restriction prevents overheating/overcooling

Using a temperature that is 1°C lower/higher for heating/cooling results in a 10% reduction in power consumption.* Temperature Range Restriction limits the maximum and minimum temperature settings, contributing to the prevention of overheating/overcooling.

*Based on Mitsubishi Electric laboratory tests in controlled conditions



When using Auto-off Timer, even if one forgets to turn off the unit, operation stops automatically after the preset time elapses, thereby preventing wasteful operation. Auto-off Timer can be set in 10-minute units, in a range between 30 minutes and 4 hours. Eliminating all anxiety about forgetting to turn off the unit.

Meeting room Changing room

Operation Fixed temperature setting promotes energy efficiency

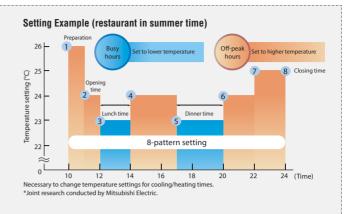
In addition to operation start/stop, the operation mode, temperature setting and airflow direction can be locked. Unwanted adjustment of temperature settings is prevented and an appropriate temperature is constantly maintained, leading to energy efficiency. This feature is also useful in preventing erroneous operation or tampering.

Recommended for Office School Public hall
Hospital Computer server facility



Set up to 8 patterns per day including temperature control

The Weekly Timer enables the setting of operation start and finish times and adjusting the temperature as standard features. Up to 8 patterns per day can be set, providing operation that matches the varying conditions of each period, such as the number of customers in the store. *Weekly Timer cannot be used when On/Off Timer is in use.



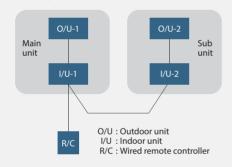
Rotation, Back-up and 2nd Stage Cut-in Functions (PAR-31MAA) <PUHZ-RP71-200>

(1) Rotation and Back-up Functions

Function Outline

- Main and Sub units take turns operating according to a rotation interval setting.
- If one unit malfunctions, the other unit automatically begins operation (Back-up function).

System Image



(2) 2nd Stage Cut-in Function

Function Outline

- Number of units operating is based on room temperature and predetermined settings.
- When room temperature rises above the desired setting, the standby unit starts (2-unit operation).
- When the room temperature falls 4°C below the predetermined setting, the standby unit stops (1-unit operation).

System Constraint

• This function is only available for rotation operation and when the back-up function is in cooling mode.

Operation Pattern

[Back-up function only]

Start operation

Main unit I/U-1

Sub unit I/U-2

Stop

Run

Run

Run

Abnormal condition

Run

Run

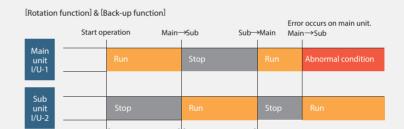
Run

Run

Run

Run

Run



1-28 days

(When the request code is "313", each unit operates alternately in daily cycle.)

1-28 days

Operation Pattern (When cooling)

Easy Maintenance Function < PUHZ-RP71-200>

- Nearly maintenance-free operation
- Monitor operation data of the indoor and outdoor units via the remote controller.

 Remote controller also lets you set the operating frequency, allowing easier inspection.

Compressor			Outdoor Unit	Indoor Unit		
1	Accumulated operating time (×10hr)	4	Heat exchanger temperature (°C)	7	Intake-air temperature (°C)	
2	Number of ON/OFF times (×100 times)	(5)	Discharge temperature (°C)	8	Heat exchanger temperature (°C)	
3	Operating current (A)	6	Outdoor-air temperature (°C)	9	Filter operating time* (hr)	

^{*}The filter operating time is the time elapsed since the filter button is reset.

Wi-Fi Controller MAC-558IF-E

New

MAC-558IF-E

Wi-Fi Control unlocks the door to smarter heating or cooling, for total home comfort wherever you are. This innovative technology connects your domestic high wall, floor mounted and ducted 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.

Key Features

- View & Control from anywhere in the world
- -Enhance energy savings
- -Set up 7 days weekly schedule
- -Wireless connection using WPS



Superior 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.

Room Temperature Limits



With the ability to sense the room temperature and now automatically turn on of off to take the room to the desires temperature. Creating ultimate comfort for your home. Winter set minimum temperatures to warm up your home and Summer set maximum temperatures to create comfort cooling the room.

Minimum requirements



You will require a compatible WPS router with WPA2-AFS encryption, with coverage including the air-conditioners installation location. PC/Tablet/Smartphone that is iOS, Android compatible. MAC-558IF-E adaptor per indoor unit. Compatible Mitsubishi Electric Air-conditioner. For a full list of requirements visit mitsubishielectric.com.au/wifi

Develop Operating Rules



Tailor your system to always meet your needs. Unlock the full potential of your air-conditioner, programme your system to automatically turn on/off at specific times, change settings, and develop temperature rules to ensure superior comfort day after day.

Control Multiple Units



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

Available for Download



Download the WiFi App from the App store or Google Play





PAC-ZC40/80L-E PAC-ZC40/80H-E

Air intake Air outlet

Operation of up to 8 dampers and occupancy and brightness sensors provides greater comfort while improving energy-saving performance.





Actual size: 120×140×25mm (H×W×D)

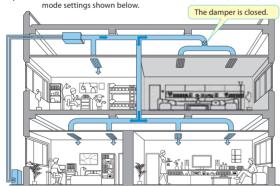
Control operation of up to 8 dampers

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

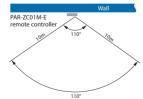
Occupancy and brightness sensors

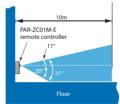
The controller is equipped with a occupancy and brightness sensors that are used to determine if the room is occupied. When no one is in the room, operation switches to energy-saving mode. Excellent for ensuring that the air conditioning gets turned off, and thereby contributing to further energy savings.

Example> When "Zone control" mode is selected among the energy-saving



<Occupancy sensor>





Detection distance, right/left detection angle

Up/Down detection angle

<Energy-saving mode>

Energy-saving mode settings can be selected (see table below).

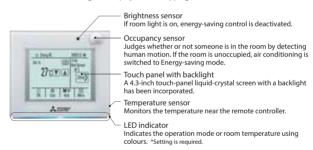
Deactivate	Even if no one is detected, Energy-saving mode is not set.
Temperature setting slide	Use slide to set desired temperature from presently set temperature.
Reduce airflow	Set airflow to "Low".
Operation/Stop	Stop operation.
Zone control	Turn off target zone settings.

Easy to see and use

- A large, full-dot liquid-crystal screen is incorporated, greatly simplifying touch panel operation.
- The backlight makes operation in dark rooms possible.

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.



Schedule setting

- •Built-in weekly schedule function can control turning air conditioner on and off, and opening and closing of each damper. Up to eight patterns can be set for each week, enabling operation suitable for each time zone to be set.
- Night setback function is incorporated. If the room temperature is outside of the temperature range setting, heating or cooling operation starts automatically. This can prevent condensation or excessive temperature rise in the room.

Wi-Fi compatibility

Can be operated from tablet, smartphone, etc.

Zone controller>			
PAC-ZC40H-E	24	40Volt	4 zones (max.)
PAC-ZC80H-E	24	40Volt	8 zones (max.)
PAC-ZC40L-E	24	4Volt	4 zones (max.)
PAC-ZC80L-E	24Volt		8 zones (max.)
Optional parts>			
Wi-Fi Control Interface		MAC-558IF-E	
Remote Sensor		PAC-SE41TS-E	
Zone Remote Controller		PAR-ZC01M-	E

Simple MA Remote Controller PAC-YT52CRA

PAC-YT52CRA

Backlit LCD

Features a liquid-crystal display (LCD) with backlight for operation in dark conditions.

Flat Back

The slim and flat-back shape makes installation easier without requiring a hole in the wall. Thickness is 14.5mm or less.

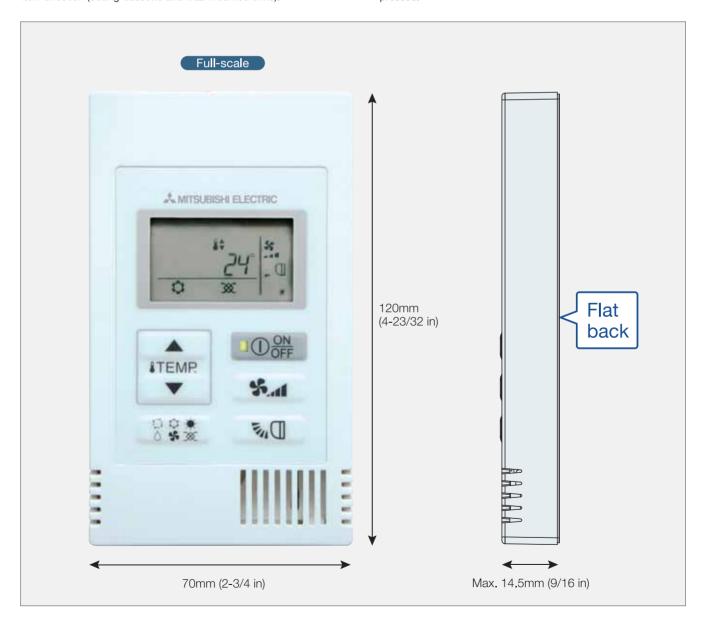
Vane Angle Setting

The vane button has been added to allow users to change the airflow direction (ceiling-cassette and wall-mounted units).

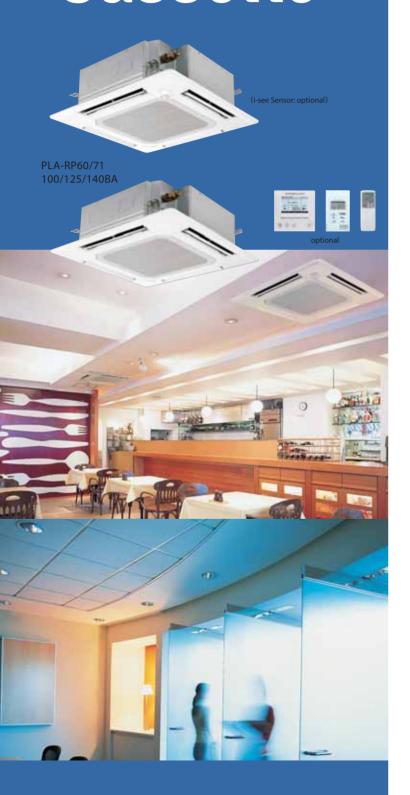
Pressing the July button will switch the vane direction.



- * The settable vane directions vary depending on the indoor unit model to be connected.
- * If the unit has no vane function, the vane direction cannot be set. In this case, the vane icon flashes when the 📆 button is pressed.



4-way Ceiling Cassette



Advancements in PLA series improve style and performance for ensured indoor comfort

Wide Airflow

Wide-angle outlets distribute airflow to all corners of the room, ensuring the room is sufficiently cooled/heated. Horizontal airflow and a fan speed reduced by 20% compared to conventional models also contribute to increased comfort for occupants.



Less Cold Draft

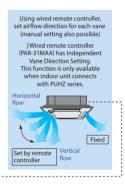
The horizontal airflow function prevents cold drafts from striking the body directly, thereby keeping the body from becoming over-chilled.



Horizontal airflow

Independent Vane Direction Setting

Use the wired remote controller to set the airflow pattern of each vane independently. Easily adjust airflow to the interior layout and seasonal conditions, to help ensure an even temperature distribution.



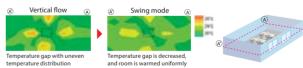
Settings can be changed anytime using a wired remote controller.

Wave Airflow Mode for Heating

outlet changes intermittently, providing a consistent temperature throughout the



Wave control effect thermograph



Specifications: 4-way	y ceiling-cassette	(PLA)					
Indoor unit			PLA-RP60BA		PLA-R	P71BA	
Outdoor unit			SUZ-KA	60VAD	SUZ-K <i>F</i>	71VAD	
Function			Cooling	Heating	Cooling	Heating	
Capacity (minmax.))	(kW)	6.1 (2.3-6.3)	6.9 (2.5-8.0)	7.1 (2.8-8.1)	8.0 (2.6-10.2)	7.
Input		(kW)	1.78	1.97	2.07	2.19	
Rated EER/COP			3.43	3.50	3.43 3.65		
Rated AEER/ACOP		3.36	3.44	3.38	3.60		
AEER/ACOP (part-loa	ad %)]						
Power supply							
Airflow (Lo-Mi2-Mi1-	ш:)	CMM	12-14-16-18		14-16-18-21		
AITHOW (LO-MIZ-MIT-	·ПI)	L/S	200-233	-267-300	233-267-	300-350	
Sound pressure leve	·I	(dB)	28-29	-31-32	28-30	-32-34	
	Height	(mm)	Unit: 258, Panel: 35				
Dimensions	Width	(mm)					
	Depth	(mm)					
Weight		(kg)			Unit: 23	, Panel: 6	

^{*} MEPS compliant at part load

* SUZ-KA-VAD is potentially demand response capable unit, DRC-101A is required.

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 aco

Auto Fan Speed Mode

The fan speed is adjusted automatically, thereby helping to maintain a comfortable room environment at all times. At the start of operation, a high fan speed provides quick heating/cooling of the room. Once the desired temperature is reached, the fan speed is reduced for stable heating/cooling and greater comfort.

Fan speed setting by remote controller (four levels)



|Special setting is required for wireless remote controller

Quiet Operation

An improved airflow path and powerful high-capacity flow fan contribute to the realisation of quieter operation.



Power flow fan

"Pure White" Colour

Stylish, pure white-coloured panels and wired remote controller present a clean, streamlined image that is a suitable match for any interior.

Other Features

- •Stylish indoor-unit vane covers (when unit is turned off)
- •Maximum upward draining of 850mm
- Wireless remote controller available
- Duct flange for Fresh-air Intake
- •Branch duct

Automatic Grille Lowering Function (Option)

Easy to use/Simple maintenance An automatic grille lowering function capable of stopping at eight different heights is available to simplify filter maintenance.

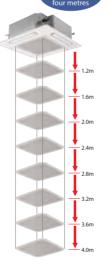


Elevating (up-down) controller

Packaged elevating (up-down) controller in the grille (PLP-6BAJ) can be used when indoor unit connects with PUHZ series and SUZ series.



Wired remote controller (PAR-31MAA) has automatic grille lowering function.
This function is only available when indoor unit connects with PUHZ series.



	PLA-R	P71BA	PLA-RF	100BA	PLA-RP	125BA	PLA-RP140BA				
	PUHZ-RF	71VHA5	PUHZ-RP1	00V/YKA2	PUHZ-RP1:	25V/YKA2	PUHZ-RP1	40V/YKA2			
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating			
)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.5 (5.5-14.0) 14.0 (5.0-16		13.0 (6.2-15.3)	16.0 (5.7-18.0)			
	2.09	2.17	2.50	2.95	3.80	3.71	3.97	4.43			
	3.40	3.69	4.00	3.80	3.29	3.77	3.27	3.61			
	3.22	3.49	3.67/3.63	3.54/3.50	3.10/3.08	3.56/3.54	3.10/3.08	3.44/3.42			
					4.13/4.05		3.95/3.89				
	V: Single-pl	hase, 50Hz, 230V	Y: Three-phase,	50Hz, 400V							
	14-16-	-18-21	20-23-	-26-30	22-25-	-28-31	24-26-	29-32			
	233-267-	300-350	334-384-	-434-501	367-417-	467-517	400-434-484-534				
	28-30-	-32-34	32-34-	37-40	34-36-	-39-41	36-39-42-44				
					Unit: 298,	Panel: 35					
	Unit: 840, Panel: 950										
		Unit: 840,	Panel: 950								
Unit: 25. Panel: 6								Panel: 6			

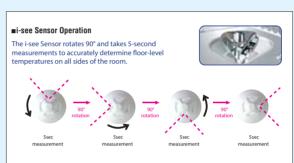
4-way cassettes can be equipped with the i-see Sensor, a radiation-based sensor that monitors floor-level temperatures throughout the room to ensure room comfort.

i-see Sensor works to ensure even temperature distribution and save energy (requires optional corner panel)



i-see Sensor improves energy efficiency and enhances room comfort (Option)

The i-see Sensor is an innovative Mitsubishi Electric technology that uses a radiation-based sensor to monitor temperature throughout the entire room. When connected to the air conditioner control panel, i-see Sensor works to maximise room comfort through 360° sensing that covers the whole floor space.



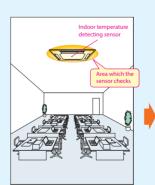
- The i-see Sensor calculates the temperature by measuring the infrared rays emanating from the walls and floors, and measuring the floor-level temperature.
- The sensor rotates 360° once every two minutes when there is significant temperature disparity and once every five minutes when a stable, even temperature has been reached.

"I Feel" Temperature Control

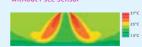
The sensory temperature is calculated by measuring the air-intake temperature and the floor temperature. This technology helps to avoid overcooling or overheating.

Without i-see Sensor

Only intake-air temperature at the ceiling is measured, resulting in uneven temperature distribution.

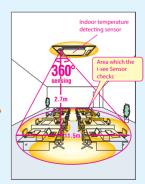


Heating Set temperature: 23°C without i-see Sensor



With i-see Sensor

Both floor-level and intake-air temperatures are measured, providing operation that creates a comfortable room environment from ceiling to floor.



Heating

Set temperature: 20°C





The thin, ceiling-concealed indoor units of the PEAD series are the perfect answer for the air conditioning requirements of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, thereby reducing electricity consumption and contributing to a further reduction in operating cost.

Compact Indoor Units

The height of the PEAD (7.1kW-14.0kW) models has been unified to 250mm. Compared to the previous PEA-RP models, the height has been reduced by as much as 178mm, making installation possible in low ceilings with minimal clearance space.



Lighter Weight

Compared to the previous PEA-RP·EAQ (7.1kW-14.0kW) models, unit weight has been reduced by an average of 27kg. This significant weight reduction allows for increased ease of installation.

Wide Selection of Fan Speeds and External Static Pressure

Five-stage external static pressure conversions and three fan speed selections are available. Capable of being set to a maximum of 125Pa, units are applicable to a wide range of building types.

High Energy-Saving Efficiency

Compared to the previous PEA-RP-EAO (7.1kW-14.0kW) models, PEAD-RP models achieve enhanced energy efficiency through adopting a highly efficient DC fan motor. This contributes to a reduction in electricity consumption.

Capacity	Rated EER/COP	Previous PEA-RP			
7.1kW	Rated EER	2.86			
7.1 KVV	Rated COP	3.35			
10.0kW	Rated EER	3.28			
10.0KW	Rated COP	3.54			
12.5kW	Rated EER	2.95			
12.5 KW	Rated COP	3.64			
140144	Rated EER	2.90			
14.0kW	Rated COP	3.74			

PEAD-RP	
3.50	< 22% UP
4.00	< 19% UP
3.61	< 10% UP
4.12	< 16% UP
3.33	< 13% UP
4.00	< 10% UP
3.32	< 14% UP
3.96	< 6% UP

Specifications: Ceilin	g-concealed (PE	AD)												
Indoor unit			PEAD-R	P71JAA	PEAD-F	RP71JAA	PEAD-RI	P100JAA	PEAD-RI	P125JAA	PEAD-RI	P140JAA		
Outdoor unit			SUZ-KA	71VAD	PUHZ-RP71VHA5		PUHZ-RP100V/YKA2		PUHZ-RP125V/YKA2		PUHZ-RP140V/YKA2			
Function			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating		
Capacity (minmax.)		(kW)	7.1 (2.8-8.1)	8.0 (2.6-10.2)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.0 (5.5-14.0)	14.0 (5.0-16.0)	13.0 (6.2-15.3)	16.0 (5.7-18.0)		
Input		(kW)	2.10	2.04	2.03	2.00	2.77	2.72	3.60	3.50	3.91	4.04		
Rated EER/COP			3.38	3.92	3.50	4.00	3.61	4.12	3.33	4.00	3.32	3.96		
Rated AEER/ACOP			3.33	3.86	3.31	3.78	3.34/3.31	3.81/3.78	3.14/3.11	3.76/3.74	3.09/3.07	3.76/3.73		
AEER/ACOP (part-loa	ıd %)¹										3.68/3.63			
Power supply				V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V										
Airflow (Lo-Mid-Hi)		CMM		17.5-2	21-25		24-2	9-34	29.5-3	5.5-42	32-3	9-46		
Airtiow (Lo-Mid-Hi)		L/S	292-350-417				400-4	83-567	492-59	92-700	533-6	50-767		
External static pressu	ure Pa			35/50/70/100/125										
Sound pressure level	ı	(dB)		30-3	4-39		33-3	8-42	36-4	0-44	40-44-49			
Return air spigot size	•	(mm)		1,058	×210		1,358	3×210	1,358	×210	1,558	×210		
Supply air spigot size	2	(mm)		1,060	×178		1,360)×178	1,360)×178	1,560	×178		
Height (mm)		(mm)					25	50						
Dimensions Width		(mm)		1,1	00			1,4	100		1,6	600		
	Depth (mm)						732							
Weight		(kg)		2	9		3	18	3	19	43			

- * MEPS compliant at part load
 * SUZ-KA-VAD is potentially demand response capable unit. DRC-101A is required.
- 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.

Ceilingconcealed

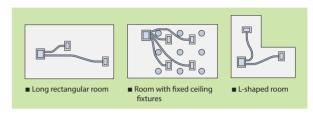




For elegance and style, the PEA series compliments the room environment with aesthetically pleasing ceiling installation and a vast line-up of performance functions.

Freedom in Installation

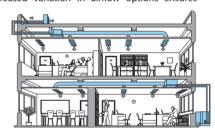
Versatile and easy installation is possible; for example, it is possible to adjust the distance between the air-intake and air-outlet vents to create the optimal airflow configuration.



Flexible Duct Design Enables Use of High-pressure Static Fan

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.



Easier Handling

The new ducted fan coil unit (PEA-RP170/200/250) now 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.



Computerised Dehumidification

The fan speed is controlled electronically in dehumidifying mode, increasing the range and efficiency of dehumidification.

Specifications	: Ceiling-conc	ealed (P	EA)											
Indoor unit			PEA-RP	100GAA	PEA-RP1	125GAA	PEA-R	P140GAA	PEA-RP	170WJA	PEA-RP	200WJA	PEA-RP2	250WHA
Outdoor unit			PUHZ-RP1	00V/YKA2	PUHZ-RP1:	25V/YKA2	PUHZ-RI	P140V/YKA2	PUHZ-RP1	70V/YKA2	PUHZ-RP	200YKA2	PUHZ-RF	250YKM
Function			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity (min	max.)	(kW)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.5 (5.5-14.0)	14.0 (5.0-16.0)	13.5 (6.2-15.3)	16.0 (5.7-18.0)	16.0 (9.0-20.0)	20.0 (9.5-22.4)	18.9 (9.0-22.4)	22.4 (9.5-25.0)	22.0 (11.2-27.0)	25.0 (12.5-29.0)
Input (kW		(kW)	2.60	2.51	3.97	3.27	4.19	3.90	5.00	6.00	5.92	6.89	6.11	6.89
Rated EER/CO	P]1		3.85	4.46	3.15	4.28	3.22	4.10	3.20	3.33	3.19	3.25	3.60	3.62
Rated AEER/ACOP			3.54/3.51	4.11/4.07	2.98/2.96	4.01/3.98	3.06/3.04	3.88/3.86	3.16/3.11	3.22/3.18	3.04	3.12	3.27	3.37
AEER/ACOP (p	art-load %)]2				3.69/3.63		3.67/3.61				3.71			
Power supply							V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V							
Airflow (Lo-[M	ual us)	CMM	34-	-42	50Pa: 48-60, 100Pa: 43-54, 150Pa: 41-52				50-61-72				58-7	1-84
Airtiow (Lo-[iv	IIaj-HI)	L/S	560	-700	50Pa: 80	00-1,000, 100Pa:	716-900, 150Pa	a: 683-866		833-1,01	967-1,183-1,400			
External station	pressure Pa				50/10	0/150			60/75/100/150					
Sound pressu	re level]3	(dB)	39	-42		42	-45			38-4	1-44		40-4	3-46
Return air spi	got size	(mm)			1,102	×330					1,100	×420		
Supply air spi	got size	(mm)			921×	:250					1,100	×340		
	Height	(mm)			40	00					47	0		
Dimensions	Width	(mm)			1,4	100					1,3	70		
Depth (n		(mm)			63	34					1,1	20		
Weight	Weight (kg)				6	3			108					
								*1 Pated EED/COD for DEA DD170/200WIA/250WHA are measured at ESD 75 Da						

Rated EER/COP for PEA-RP170/200WJA/250WHA are measured at ESP 75 Pa.

 ¹ Rated EEN/COPTOF PEA-RH (10/2000/IA/250WHA are measured at ESP / 5 Pa.
 23 MEPS compliant at part 10/2004 Are measured in anechoic chamber at ESP 50 Pa.
 23 Sound pressure level for PEA-RP170/200WIA/250WHA are measured in anechoic chamber at ESP 150 Pa.

Ceilingsuspended



PCA-RP50/60/71/100/125/140KAQ



A stylish indoor unit design and airflow settings for both high- and low-ceiling interiors expand installation possibilities

Stylish Indoor Unit Design

A stylish square-like design is adopted for the indoor units of all models. As a result, the units blend in better with the ceiling.



Optional Drain Pump for Full-capacity Models

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



Equipped with Automatic Air-speed Adjustment

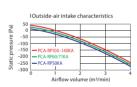
In addition to the conventional 4-speed setting, units are now equipped with an automatic air-speed adjustment mode. This setting automatically adjusts the air-speed to conditions that match the room environment. At the start of heating/cooling operation, the airflow is set to high-speed to quickly heat/cool the room. When the room temperature reaches the desired setting,

airflow speed is decreased automatically for stable comfortable heating/cooling oper-



Fresh Outside-air Intake

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



Equipped with 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. The ability to choose the optimum airflow volume makes it possible to optimise the breezy sensation felt throughout the room.

Capacity	High ceiling	Standard ceiling	Low ceiling
50	3.5 m	2.7m	2.5 m
60	3.5 m	2.7m	2.5 m
71	3.5 m	2.7m	2.5 m
100	4.2m	3.0m	2.6m
125	4.2m	3.0m	2.6m
140	4.2m	3.0m	2.6m

Specifications	: Ceiling-suspe	ended (PCA)													
Indoor unit			PCA-RP	50KAQ	PCA-RF	60KAQ	PCA-RP71KAQ		PCA-RP71KAQ		PCA-RP100KAQ		PCA-RP125KAQ		PCA-RP140KAQ	
Outdoor unit			SUZ-KA	50VAD	SUZ-KA60VAD		SUZ-K	A71VAD	PUHZ-RP71VHA5		PUHZ-RP100V/YKA2		PUHZ-RP125V/YKA2		PUHZ-RP140V/YKA2	
Function			Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity (minmax.) (k)		(kW)	4.9 (2.3-5.6)	5.5 (1.7-7.2)	5.7 (2.3-6.3)	6.9 (2.5-8.0)	7.1 (2.8-8.1)	7.9 (2.6-10.2)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.0 (5.5-14.0)	14.0 (5.0-16.0)	13.0 (6.2-15.3)	16.0 (5.7-18.0)
Input		(kW)	1.49	1.68	1.67	2.02	2.06	1.96	1.96	2.21	2.63	3.02	3.66	3.88	3.97	4.43
Rated EER/COP			3.29	3.27	3.41	3.42	3.45	4.03	3.62	3.62	3.80	3.71	3.28	3.61	3.27	3.61
Rated AEER/A	COP		3.22	3.22	3.35	3.36	3.39	3.96	3.42	3.44	3.50/3.47	3.46/3.43	3.09/3.07	3.41/3.39	3.10/3.08	3.41/3.39
AEER/ACOP (p	oart-load %)]												4.19/4.11		3.91/3.85	
Power supply			V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V													
Airflow (Lo-M	:2 M:4 L!!)	CMM	10-11-	10-11-13-15 15-16-17-19			16-17-18-20			22-24-26-28		23-25-27-29		24-26-29-32		
AITTIOW (LO-IVI	IZ-MII-HI/	L/S	167-183-	-217-250	250-267	-283-317		267-283-	300-333		367-400	-433-467	383-417-450-483		400-433	-483-533
Sound pressu	re level	(dB)	32-34-	37-40	33-35	-37-40		35-37-	39-41		37-39-41-43		39-41-43-45		41-43	-45-48
	Height (mm) 230		30													
Dimensions	Width	(mm)	96	50			1,2	80					1,6	00		
	Depth	(mm)							6	80						
Weight (kg		(kg)	2	5		32						36 38			3	39

MEPS compliant at part load SUZ-KA-VAD is potentially demand response capable unit. DRC-101A is required

Sound Pressure Level

Wallmounted



PKA-RP71/100KAL





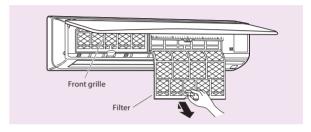
Elegant design and compact dimensions are ideal for offices, stores and residential-use

Auto-flap Shutter

Closing automatically when the air conditioner is not running creating a flat surface that is aesthetically appealing.

Quick Clean Grille

The intake grille filter can easily slide out completely, allowing easy cleaning without any special tools making it easy to clean in minutes, washing in water.



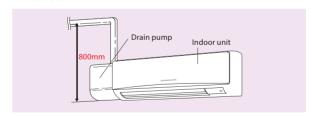
4-way Piping Provides More Flexibility in Selecting Installation Sites

Wired Remote Controller Available (Option)

A separately sold wired remote controller and a terminal block are available to suit various installation sites.

Drain Pump Option Available with All Models

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



Specification	s: waii-mc	untea (
Indoor unit			PKA-RI	P71KAL	PKA-RP100KAL					
Outdoor unit			PUHZ-RI	71VHA5	PUHZ-RP1	00V/YKA2				
Function			Cooling	Heating	Cooling	Heating				
Capacity (mir	ımax.)	(kW)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)				
Input		(kW)	1.96	2.13	2.90	3.10				
Rated EER/CC	P		3.62	3.76	3.45	3.61				
Rated AEER/A	COP		3.42	3.56	3.20/3.17	3.34/3.31				
Power supply			V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V							
Airflow (Lo-M		CMM	18-2	0-22	20-23-26					
Airflow (Lo-M	iid-Hi)	L/S	300-3	33-367	333-383-433					
Sound pressu	re level	(dB)	39-4	2-45	41-4	5-49				
	Height	(mm)		36	55					
Dimensions Width		(mm)		1,1	70					
Depth (mm)			295							
Weight		(kg)	21							

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 aco



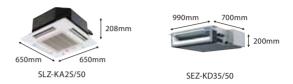
Compact Bulkhead



Compact, quiet concealed indoor units equipped with cutting-edge control technologies for enhanced comfort

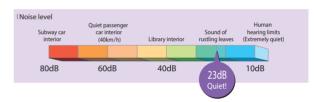
Compact Designs

Models with capacity ranges for any room size. The dimensions of the SLZ are perfect for 2-metre-square installations, and the SEZ unit is a slim 200mm in height, making it ideal for tight installation spaces.



Impressively Quiet

S series units offer quiet operation at a hushed noise level of 23dB (SEZ-KD25/35), ensuring a calm and comfortable environment. They're so quiet that you may find yourself checking to see if they're on.



Energy-saving Operation

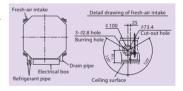
Boasting low electricity consumption, SLZ/SEZ series air conditioners are the key to fresh, cost-effective room comfort.

Air Cleaning Filter

This built-in filter removes dust and other particulates helping to keep the air clean. Maintenance is as simple as vacuuming. The long-life filter in SLZ series air conditioners can be used for approximately 2,500 hours before requiring replacement.

Fresh-air Intake

A duct hole is provided in the main body, making it possible to intake fresh air from outside.



Specifications	: 4-way casset	te / Con	npact ceiling-	concealed (SL	Z, SEZ)											
Indoor unit			SLZ-KA25VAQ(L)		SLZ-KA50VAQ(L)		SEZ-KD25VAQ(L)		SEZ-KD3	5VAQ(L)	SEZ-KD5	0VAQ(L)	SEZ-KD6	60VAQ(L)	SEZ-KD7	1VAQ(L)
Outdoor unit			SUZ-KA	25VAD	SUZ-KA	50VAD	SUZ-KA	25VAD	SUZ-KA	35VAD	SUZ-KA50VAD		SUZ-KA60VAD		SUZ-KA71VAD	
Function			Cooling	Heating	Cooling	Heating	Cooling Heating		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity (minmax.) (kW		(kW)	2.3 (1.5-3.2)	3.1 (1.3-4.5)	4.2 (2.3-5.2)	4.5 (1.7-6.5)	2.5 (1.5-3.2)	3.0 (1.3-4.5)	3.7 (1.4-3.9)	4.2 (1.7-5.0)	5.1 (2.3-5.6)	6.4 (1.7-7.2)	5.6 (2.3-6.3)	7.4 (2.5-8.0)	6.5 (2.8-8.3)	8.1 (2.6-10.4)
Input		(kW)	0.6	0.82	1.27	1.37	0.75	0.83	1.09	1.13	1.64	1.81	1.77	2.05	2.06	2.18
Rated EER/COP			3.83	3.78	3.31	3.28	3.33	3.61	3.39	3.72	3.11	3.54	3.16	3.61	3.16	3.72
Rated AEER/ACOP			3.65	3.66	3.23	3.22	3.21	3.49	3.31	3.62	3.05	3.48	3.11	3.55	3.10	3.66
AEER/ACOP (p	oart-load %)]		4.32								3.72					
Power supply				V: Single-phase, 50Hz, 230V												
Airflow (Lo-M	: a . m)	CMM	8-9-10		8-9-11		5.5	-7-9	7-9	-11	10-12	.5-15	12-1	5-18	12-1	6-20
AITTIOW (LO-IVI	Id-HI/	L/S	133-15	50-167	133-15	150-183 92-117-150		7-150	117-150-183		167-208-250		200-250-300		200-267-333	
External station	c pressure Pa			-	_				5/15/35/50							
Sound pressu	re level	(dB)	28-3	1-37	30-3	4-39	23-26-30		23-28-33		30-34-37		30-34-38		30-3	5-40
Supply air spi	got size	(mm)		-	_		660:	×150		860:	×150			1,060)×150	
	Height	(mm)		Unit: 235,	Panel: 20		20	00		20	00			20	00	
Dimensions	Width	(mm)		Unit: 570,	Panel: 650		79	90		99	90			1,1	90	
	Depth	(mm)		Unit: 570,	Panel: 650		70	00		70	700		700		00	
Weight		(kg)		Unit: 16.5	i, Panel: 3		1	8	2	1	2	3		2	.7	

Sound Pressure Level

- * MEPS compliant at part load * SUZ-KA-VAD is potentially demand response capable unit. DRC-101A is required.

Main features of Mr. Slim Inverter Units

• Standard O Optional — Not Available

										•	Standard	О Орио	nal — No	LAVAIIADIE
	Indoor unit	SLZ-VAQ	SLZ-VAL	SEZ-VAQ	SEZ-VAL	PL	A	PE <i>i</i>	AD	PE	ĒΑ	PKA	PCA-I	KAQ
Combination	Outdoor unit	SUZ	SUZ	SUZ	SUZ	PUHZ *7	SUZ	PUHZ *7	SUZ	*7 PUHZ-KA	*7 PUHZ-YKM	*7 PUHZ	*7 PUHZ	SUZ
Engray Cardina	Felt Temperature Control (i-see Sensor)	-	-	_	_	0	0	-	-	_	_	-	-	_
Energy Saving	Demand Function	0	0	0	0	•	0	•	0	•	● *4	•	•	0
Attractive	Pure White	•	•	_	_	•	•	-	-	_	_	•	•	•
Attractive	Auto Vane	•	•	_	_	•	•	_	-	_	_	•	•	•
	Fresh-air Intake	•	•	_	_	•	•	_	-	_	_	_	•	•
	High-efficiency Filter	_	-	_	_	0	0	_	_	_	_	_	0	0
Air Quality	Oil Mist Filter	_	-	_	_	_	_	_	-	_	_	_	_	_
	Long-life Filter	•	•	_	_	•	•	•	•	_	_	_	•	•
	Filter Check Signal	•	_	_	_	•	•	•	•	_	_	0	•	•
	Horizontal Vane (Auto Swing)	•	•	_	_	•	•	_	_	_	_	•	•	•
Air Distribution	High Ceiling Mode	_	-	_	_	•	•	_	-	_	_	-	•	•
All Distribution	Low Ceiling Mode	_	-	_	_	•	•	_	-	_	_	-	•	•
	Auto Fan Speed Mode	_	-	•	•	•	•	•	•	_	_	•	•	•
	On/Off Operation Timer	•	•	•	•	•	•	•	•	•	●*5	•	•	•
	Auto Change Over *1	•	•	•	•	•	•	•	•	•	_	•	•	•
Convenience	Auto Restart	•	•	•	•	•	•	•	•	•	•	•	•	•
Convenience	Low-temperature Cooling	•	•	•	•	•	•	•	•	•	•	•	•	•
	Low-noise Operation (Outdoor Unit)	_	_	_	_	•	-	•	_	•	•	•	•	_
	Rotation, Back-up and 2nd Stage Cut-in Function	_	-	_	_	0	-	0	-	_	_	0	•	_
	PAR-31MAA Control *2	0	-	0	0	0	0	0	0	0	0	0	0	0
	PAC-YT52CRA Control *2	0	_	0	0	0	0	0	0	0	0	0	0	0
System Control	PAC-ZC40/80H (L)-E Control	_	-	_	_	_	_	0	0	0	0	_	_	_
	System Group Control *2	0	0	0	0	•	0	•	0	•	•	0	•	0
	M-NET Connection *2	0	0	0	0	0	0	0	0	0	•	0	0	0
	Reuse of Existing Wiring	-	_	_	_	0	_	0	_	_	_	0	0	_
Installation	Drain Pump	•	•	0	0	•	•	_	_	_	_	0	0	0
Installation P	Pump Down Switch	_	_	_	_	•	_	•	_	•	_	•	•	_
	Flare Connection	•	•	•	•	•	•	•	•	●*3	_	•	•	•
Maintenance	Self-Diagnosis Function (Check Code Display)	•	•	•	•	•	•	•	•	•	•	•	•	•
Maintenance	Failure Recall Function	•	•	•	•	•	•	•	•	•	●*6	•	•	•

^{*1} When multiple indoor units connected to an MXZ outdoor unit are running at the same time, "I when multiple indoor units connected to an MXZ outdoor unit are risimultaneous cooling and heating is not possible.

*2 Please refer "System Control" on page 21 for details.

*3 Not available with PEA-RP170/200WJA and PEA-RP250WHA models.

*4 Schedule timer not available
External contact only

*5 Remote controller timer function only
*6 Only error display on remote controller
*7 PUHZ-RP250 is excluded.
PUHZ-RP-VHA5R1-A, PUHZ-RP-V/YKA2R1-A are only demand response capable with
the demand function. Please contact Mitsubishi Electric Australia Pty. Ltd. for details.

System Controls (SUZ and Mr. Slim Power Inverter only) Versatile system controls can be realised by using optional parts, relay circuits, control panels, etc.

MAJOR SYSTEM CONTROL

	System E	examples		
Indoor Unit	S Series & P Series Indoor Unit	P Series Indoor Unit	Details	Major Optional Parts Required
Outdoor Unit	S Series Outdoor	P Series Outdoor		
A PAR-31MAA Control PAC-YT52CRA Control		PAR-31MAA PAC-YTSZCRA	Standard equipment (for indoor units compatible with wired remote controllers)	PAR-31MAA (Wired remote controller) PAC-YT52CRA (Wired remote controller)
B System Group Control	MAC.397IF-E MAC.333IF-E PAR.31IMAA PAC.YTSZCRA	PAR-31MAA PAC-YTS2CRA	One remote controller can control plural air conditioners with the same settings simultaneously. One remote controller can control up to 16 refrigerant systems. Up to two remote controller can be connected.	<s outdoor="" series="" unit=""> • MAC-397IF-E/MAC-333IF-E (Interface) • PAR-31MAA (Wired remote controller) • PAC-YT52CRA (Wired remote controller) <p outdoor="" series="" unit=""> • PAR-31MAA (Wired remote controller)</p></s>
C M-NET Connections	Outdoor unit Indoor unit Indoo	PAR-3 IMAA PAC-YTS-2CRA MILLANS System controller AE-200E MC-SYS IMAE	Group of air conditioners can be controlled by MELANS system controller (M-NET).	<s outdoor="" series="" unit=""> • MAC-333IF-E • MELANS System controller <p outdoor="" series="" unit=""> • PAC-SF83MA-E (M-NET converter) • MELANS System controller</p></s>

FOR P SERIES AND S SERIES INDOOR UNITS

	System E	xamples	D. t. T.	Marine Outlined Durin During
	Wired remote controller	Wireless remote controller	Details	Major Optional Parts Required
A 2-remote Controller Control With two remote controllers, control can be performed locally and remotely from two locations.	PAR-31MAA PAR-73CRIA *Set"Main' and "Sub" remote controllers. (Example of 1 : 1 system)	PAR-SIJA-E	Up to two remote controllers can be connected to one group. Both wired and wireless remote controllers can be used in combination.	Wired Remote Controller PAR-31MAA PAC-YT52CRA (for PKA, PAC-SH29TC-E is required) Wireless Remote Controller PAR-SL97A-E (for SEZ and PLA-RP) Wireless Remote Controller Kit for PCA PAR-SL94B-E
B Operation Control by Level Signal Air conditioner can be started/ stopped remotely. In addition, On/Off operation by local remote controller can be prohibited/permitted.	Relay box to be purchased locally) Adapter for remote on the control panel (Example of 1: 1 system x 2)	Relay box (to be purchased locally) Adapter for remote on violation of the part of the pa	Operation other than On/Off (e.g., adjustment of temperature, fan speed, and airflow) can be performed even when remote controller operation is prohibited. Timer control is possible with an external timer.	Adapter for remote On/Off PAC-SESSRA-E Relay box (to be purchased locally) Remote control panel (to be purchased locally)
Operation Control by Pulse Signal	Relay box (to be purchased locally) Connector Cable for remote display	Relay box (to be purchased locally) Connector	The pulse signal can be turned On/Off. Operation/emergency signal can be received at a remote location.	Connector cable for remote display PAC-5A88HA-E/PAC-7Z5AD (10 pcs. x PAC-SA88HA-E) Relay box (to be purchased locally) Remote control panel (to be purchased locally)
D Remote Display of Operating Status Operating status can be displayed at a remote location.	Remote operation adapter/ Connection the fore remote display + Relay box Remote display PRC PRC PRC PRS 31MAA (Example of 1:1 system)	Remote operation adapter/ Connector table for remote display + Relay box Remote display Remote display PAR-SL97A-E (Example of Simultaneous Twin)	Operation/emergency signal can be received at a remote location (when channeled through the PAC-SF40RM → no-voltage signal, when channeled through the PAC-SA88HA-E D€ 12V signal).	Remote display panel (to be purchased locally) Connector cable for remote display PAC-SA88HA-E/PAC-725AD (10 pcs. x PAC-5A88HA-E) Relay box (to be purchased locally) Remote operation adapter PAC-SF40RM *Unable to use with wireless remote controller
E Timer Operation Allows On/Off operation with timer *For control by an external timer, refer to B Operation Control by Level Signal.	PAR-31MAA (Example of 1 : 1 system)		Weekly Timer: On/Off and up to 8 pattern temperatures can be set for each calendar day. (Initial setting) On/Off Timer: On/Off can be set once each within 72hr. in intervals of 5-minute units. Auto-off Timer: Operation will be switched off after a certain time elapse. Set time can be changed from 30 min. to 4 hr. at 10 min. intervals. *Simple Timer and Auto-off Timer cannot be used at the same time.	Standard functions of PAR-31MAA

Specification: Outdoor Unit

Outdoor unit		Į.	b	0	C		
			SUZ-KA25VAD	SUZ-KA35VAD	SUZ-KA50VAD	SUZ-KA60VAD	SUZ-KA71VAD
External finish					Munsell 3.0Y 7.8/1.1		
Power supply					Single-phase, 50Hz, 230V		
Compressor output		(kW)	0.55	0.65	0.9	0.9	1.2
Airflow (cooling/hear	ing) C	MM (L/S)	34 (568)/32 (534)	33 (551)	49 (817)	58 (960)/49 (816)	57 (950)/48 (800)
Sound pressure	Cooling mo	ode	46	47	53	55	
level (dB)	Heating mode		46	48	55	55	
Sound level		(dB)	59	61	68	69	
	Height	(mm)	550		850	880	
Dimensions	Width	(mm)	800		840	840	
	Depth	(mm)	285		330	330	
Weight (kg)		30	33	53	50	53	
Chargeless piping length (m)		(m)	7				
Max. piping length (m)		(m)	20		30		
Breaker size		(A)	10)		20	

 $[\]hbox{*Above specifications are for outdoor units only}.$

PUHZ-RP71VHA5 PUHZ-RP10V/YKA2 PUHZ-RP12SV/YKA2 PUHZ-RP140V/YKA2 External finish Windows (Sinitary 1987) (1987) Power supply (RW) 1.66 1.90 1.90 1.24 2.90 Compressor output (RW) 1.66 1.010 1.02 2.00 2.00 3.00 2.00 3.00	Outdoor unit							
Power supply V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V Compressor output			PUHZ-RP71VHA5	PUHZ-RP100V/YKA2	PUHZ-RP125V/YKA2	PUHZ-RP140V/YKA2		
Compressor output (kW) 1.6 1.9 2.4 2.9 Airflow (cooling/heatry) CMM (L/S) 60 (1,000) 110 (1,830) 120 (2,000) Sound pressure level (dB) Cooling mode 47 49 50 50 Sound pressure level (dB) 44 46 47 47 Height (mm) 943 51 52 52 Sound level (dB) 66 69 70 70 Dimensions Width (mm) 943 1,338 1,338 1,050 Depth (mm) 330 330 330 30 30 Weight (kg) (kg) 67 V:118 Y:119 V:120 Y:121 V:120 Y:121 Chargeless piping length (mm) 30 30 75 Protection device Discharge thermo, HP switch V:12,64/13,58 Y:4,42/4,75 V:16,36/16,90 Y:5,73/5,91 V:17,17/19,23 Y:6,01/6,73	External finish				Munsell 3.	.0Y 7.8/1.1		
Airflow (cooling/heating) CMM (t/s) 60 (1,000) 110 (1,830) 120 (2) Sound pressure level (dB) Cooling mode 47 49 50 50 50 47 <t< td=""><td>Power supply</td><td></td><td></td><td></td><td>V: Single-phase, 50Hz, 230V</td><td>Y: Three-phase, 50Hz, 400V</td><td></td></t<>	Power supply				V: Single-phase, 50Hz, 230V	Y: Three-phase, 50Hz, 400V		
Sound pressure level (dB) Cooling mode 47 49 50 50 Sound pressure level (dB) Silent mode 44 46 47 47 Heating mode 48 51 52 52 Sound level (dB) 66 69 70 70 Midth (mm) 943 1,338 1,338 1,050 Weight (mm) 330 330 330 30 Weight (kg) 67 V:118 Y:119 V:120 Y:121 Chargeless piping length (m) 30 30 75 Protection device Discharge thermo, HP switch Rated running current (colling/heating) (A) 9,059,64 V:12,64/13,58 Y:4,42/4,75 V:16,36/16,90 Y:5,73/5,91 V:17,17/19,23 Y:6,01/6,73	Compressor output		(kW)	1.6	1.9	2.4	2.9	
Sound pressure level (dB) Silent mode 44 46 47 47 Heating mode 48 51 52 52 Sound level (dB) 66 69 70 70 Dimensions Width (mm) 943 1,338 1,338 1,050 Depth (mm) 330 330 330 330 Y:120 Y:121 Y:120 Y:121 Chargeless piping length (m) 30 30 30 30 Max. piping length (m) 50 T5 75 Protection device Discharge themosthemo	Airflow (cooling/hea	ting) Cl	MM (L/S)	60 (1,000)	110 (1,830)	120 (2	2,000)	
Silent mode		Cooling mode		47	49	50	50	
Sound level (dB) 66 69 70 70 Meight (mm) 943 1,338 1,338 1,050 Weight (mm) 950 1,050 330 1,050	Sound pressure level (dB)	Silent mode		44	46	47	47	
Height (mm) 943 1,338 Dimensions Width (mm) 950 1,050 Depth (mm) 330 330 Weight (kg) 67 V:118 Y:119 V:120 Y:121 Chargeless piping length (m) 30 30 Max. piping length (m) 50 75 Protection device Discharge thermo, HP switch Rated running current (cooling/heating) (A) 9.05/9.64 V:12.64/13.58 Y:4.42/4.75 V:16.36/16.90 Y:5.73/5.91 V:17.17/19.23 Y:6.01/6.73		Heating mode		48	51	52	52	
Dimensions Width (mm) 950 1,050 Depth (mm) 330 330 Weight (kg) 67 V:118 Y:119 V:120 Y:121 Chargeless piping length (m) 30 30 Max. piping length (m) 50 75 Protection device Discharge thermo, HP switch Rated running current (cooling/heating) (A) 9.05/9.64 V:12.64/13.58 Y:4.42/4.75 V:16.36/16.90 Y:5.73/5.91 V:17.17/19.23 Y:6.01/6.73	Sound level		(dB)	66	69 70		70	
Depth (mm) 330 Weight (kg) 67 V: 118 Y: 119 V: 120 Y: 121 Chargeless piping length (m) 30 30 Max. piping length (m) 50 75 Protection device Rated running current (cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73		Height	(mm)	943	1,338			
Weight (kg) 67 V: 118 Y: 119 V: 120 Y: 121 Chargeless piping length (m) 30 30 Max. piping length (m) 50 75 Protection device Discharge thermo, HP switch Rated running current (cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73	Dimensions	Width	(mm)	950	1,050			
Chargeless piping length (m) 30 30 Max. piping length (m) 50 75 Protection device Discharge thermo, HP switch Rated running current (cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73		Depth	(mm)	330	330			
Max. piping length (m) 50 75 Protection device Discharge thermo, HP switch Rated running current (cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73	Weight		(kg)	67	V: 118 Y: 119 V: 120 Y: 121			
Protection device Discharge thermo, HP switch Rated running current (cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73	Chargeless piping length (m)		30	30				
Rated running current (cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73	Max. piping length (m)		50	75				
(cooling/heating) (A) 9.05/9.64 V: 12.64/13.58 Y: 4.42/4.75 V: 16.36/16.90 Y: 5.73/5.91 V: 17.17/19.23 Y: 6.01/6.73	Protection device				Discharge thermo, HP switch			
Breaker size (A) 25 V: 32 Y: 16 V: 40 Y: 16		nt	(A)	9.05/9.64	V: 12.64/13.58 Y: 4.42/4.75	V: 16.36/16.90 Y: 5.73/5.91	V: 17.17/19.23 Y: 6.01/6.73	
	Breaker size		(A)	25	V: 32	Y: 16	V: 40 Y: 16	

Sound Pressure Level

 $\hbox{*Above specifications are for outdoor units only}.$

- $\bullet \, \mathsf{Sound} \, \mathsf{pressure} \, \mathsf{measurements} \, \mathsf{were} \, \mathsf{conducted} \, \mathsf{in} \, \mathsf{an} \, \mathsf{anechoic} \, \mathsf{chamber}.$
- $\bullet \text{The actual noise level depends on the distance from the unit and the acoustic environment. } \\$

Specifications: Outdoor Unit

Outdo	or unit		*		
		PUHZ-RP170V/YKA2	PUHZ-RP200YKA2	PUHZ-RP250YKM	
External finish		Munsell 3.0Y 7.8/1.1	Munsell 3.0Y 7.8/1.1	Munsell 5.0Y 8.0/1.0 or Similar	
Power supply		V: Sing	gle-phase, 50Hz, 230V Y: Three-phase, 50Hz	z, 400V	
Compressor output	(kW)	3.0	3.6	6.9	
Airflow (cooling/heating)	CMM (L/S)	140 (2,330)	140 (2,330)	175 (2,917)	
	Cooling mode	58	58	58	
Sound pressure level (dB)	Silent mode	56	56	48	
	Heating mode	59	59	58	
Sound level (dB)		76	76	78	
	Height (mm)	1,338	1,338	1,650	
Dimensions	Width (mm)	1,050	1,050	920	
	Depth (mm)	330	330	740	
Weight (kg)		V: 127 Y: 131	136	199	
Chargeless piping length (m)		30	30	0	
Max. piping length	(m)	75	75 75		
Protection device		Discharge thermo, HP switch			
Rated running current (cooling/he	eating) (A)	V: 19.4/23.9 Y: 6.8/8.3	8.2/9.7	9.7/11.0	
Breaker size	(A)	V: 40 Y: 32	32	32	

^{*}Above specifications are for outdoor units only.

Notes for All Specifications

Rating conditions (AS/NZS 3823)

Cooling - Indoor: 27°C (80°F) DB, 19°C (66°F) WB Outdoor: 35°C (95°F) DB

Outdoor: 35°C (95°F) DB Heating - Indoor: 20°C (68°F) DB

Outdoor: 7°C (45°F) DB, 6°C (43°F) WB

Refrigerant piping length (one-way): 5m (16ft.)

* For PUHZ-RP250YKM: 7.5m (24ft.)

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

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

Guaranteed Operating Range

			SUZ-KA		PUHZ		
		25/35	50	60/71	71/100/125/140/170/200	250	
Cooling	Upper limit (DB)	46°C	43°C	46°C	46°C	46°C	
	Lower limit (DB)	−10°C	−15°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)	−15°C	−15°C	−15°C	−20°C	–20°C (WB)	

 $[\]label{eq:with the optional air protection guide, the operation at -15 °C outdoor temperature is possible.}$

Sound Pressure Level

- $\bullet \, Sound \, pressure \, measurements \, were \, conducted \, in \, an \, anechoic \, chamber.$
- $\bullet \mbox{ The actual noise level depends on the distance from the unit and the acoustic environment. } \\$

Optional Parts

Part name	Model name	Application name
Air discharge guide	PAC-SG59SG-E	PUHZ-RP71
All discharge guide	PAC-SH96SG-E	PUHZ-RP100/125/140/170/200
Air outlet shutter plate	PAC-SH51SP-E	PLA-RP
Air protection guide	PAC-SH63AG-E	PUHZ-RP71
All protection guide	PAC-SH95AG-E	PUHZ-RP100/125/140/170/200
Control/service tool	PAC-SK52ST	PUHZ-RP71/100/125/140/170/200
Controlling delicing	PAC-SG64DP-E	PUHZ-RP71
Centralized drain pan	PAC-SH97DP-E	PUHZ-RP100/125/140/170/200
	PAC-SH94DM-E	PKA-RP
	PAC-SH83DM-E	PCA-RP50KAQ
Drain pump	PAC-SH84DM-E	PCA-RP71/100/125/140KAQ
	PAC-SH85DM-E	PCA-RP60KAQ
	PAC-KE07DM-E	SEZ-KD
Drain socket	PAC-SG61DS-E	PUHZ-RP71/100/125/140/170/200
Flange for fresh-air intake	PAC-SH65OF-E	PLA-RP
Liquid refrigerant dryer for pipe ø9.52	PAC-SG82DR-E	PUHZ-RP
Wi-Fi interface	MAC-558IF-E	All indoor units (excluding PEA-RP250WHA)
MA & Contact terminal interface	MAC-397IF-E	SLZ-KA, SEZ-KD, PLA-RP60/71*1 PEAD-RP71*1, PCA-RP50/60/71*1
M-NET interface	MAC-399IF-E	SLZ-KA, SEZ-KD, PLA-RP60/71*1 PEAD-RP71*1, PCA-RP50/60/71*1
M-NET & Terminal interface	MAC-333IF-E	SLZ-KA, SEZ-KD, PLA-RP60/71*1 PEAD-RP71*1, PCA-RP50/60/71*1
Wireless remote controller	PAR-FL32MA-E	PEAD-RP, PEA-RP
Wireless remote controller signal sender	PAR-SL97A-E	SEZ-KD, PLA-RP
Wireless remote controller	PAR-SA9CA-E	SEZ-KD, PEAD-RP, PEA-RP
signal receiver	PAR-SA9FA-E	PLA-RP
	PAC-SH88KF-E	PCA-RP50KAQ
High efficiency filter	PAC-SH89KF-E	PCA-RP60/71KAQ
	PAC-SH90KF-E	PCA-RP100/125/140KAQ
High efficiency filter element	PAC-SH59KF-E	PLA-RP

Filter box PAC-KE93TB-E PEAD-RP71 PAC-KE94TB-E PEAD-RP100/125 PAC-KE95TB-E PEAD-RP100/125 PAC-KE95TB-E PEAD-RP140 i-see sensor corner panel PAC-SA1ME-E PLA-RP Shutter plate PAC-SH51SP-E PLA-RP PLA-RP PLA-RP PAC-SG73RJ-E PUHZ-RP71/100/125/140/170/200 M-NET converter PAC-SG75RJ-E PUHZ-RP71/100/125/140/170/200 Multi-function casement PAC-SH33TM-E PAC-SG94HR-E PAC-SG94HR-E PAC-SG94HR-E PAC-SG97HR-E PAC-RP50/60/71/100/125/140KAQ PAC-SG97HR-E PAC-SF3DH-E PAC-SF3DH-E PAC-SF3DH-E PAC-SF3DH-E PAC-SF3DH-E PAC-SF3DH-E PAC-SF3DH-E PAC-SF3DH-E Remote operation adaptor PAC-SF40RM-E Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SF41TS-E Remote sensor PAC-SF41TS-E Remote operation adaptor PAC-SH3BH-E PAC-SH3BH-E PAC-SH3BH-E All indoor units (excluding PEA-RP-GAA) PAC-SH29TC-E PAC-RP for wired remote controller PAC-SA8BH-E All indoor units All	Part name	Model name	Application name
i-see sensor corner panel PAC-SATME-E PLA-RP Shutter plate PAC-SH51SP-E PLA-RP Joint pipe 9.52' †2.7 PAC-SG73RJ-E PUHZ-RP71/100/125/140/170/200 M-NET converter PAC-SH53TM-E PLA-RP Power supply terminal kit PAC-SG94HR-E PCA-RP50/60/71/100/125/140/170/200 Power supply terminal kit PAC-SG94HR-E PCA-RP50/60/71/100/125/140/170/200 PAC-SG94HR-E PCA-RP50/60/71/100/125/140/170/200 PAC-SG94HR-E PCA-RP50/60/71/100/125/140/170/200 PAC-SG97HR-E PEAD-RP, PEA-RP PAC-SH52HR-E PLA-RP Remote On/Off adaptor PAC-SE5SRA-E All indoor units Remote operation adaptor PAC-SE5SRA-E All indoor units Remote sensor PAC-SE41TS-E (excluding PEA-RP)-GAA) Space panel PAC-SH48AS-E PLA-RP Terminal block PAC-SH29TC-E PKA-RP for wired remote controller (excluding SLZ-VAL) Wired remote display PAC-SA88HA-E All indoor units PAR-31MAA All indoor units PAC-SA88HA-E All indoor units All indoor units PAC-SA88HA-E All indoor units PAC-YT52CRA All indoor units PAC-YT52CRA All indoor units PAC-YT52CRA PAC-YAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40L-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC90H-E PAC-Z		PAC-KE93TB-E	PEAD-RP71
i-see sensor corner panel Shutter plate PAC-SA1ME-E PLA-RP PAC-SH51SP-E PLA-RP PAC-SG73RJ-E PUHZ-RP71/100/125/140/170/200 PAC-SG75RJ-E PUHZ-RP71/100/125/140/170/200 M-NET converter PAC-SF83MA-E PAC-SF83MA-E PUHZ-RP71/100/125/140/170/200 Multi-function casement PAC-SF83MA-E PAC-SF83MA-E PLA-RP PAC-SG94HR-E PAC-SG94HR-E PAC-SG96HR-E PAC-SG96HR-E PAC-SG97HR-E PAC-SE55RA-E All indoor units Remote On/Off adaptor Remote operation adaptor PAC-SE5SRA-E All indoor units (excluding PKA-RP) Remote sensor PAC-SE41TS-E Terminal block PAC-SH88AS-E PAC-SH88AS-E PLA-RP PAC-SH88AS-E PLA-RP Terminal block PAC-SA88HA-E All indoor units (excluding PEA-RP-GAA) PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40L-E PAC-ZC80L-E Zone remote controller Wireless remote controller Wireless remote controller Wireless remote controller Wireless remote controller PAC-SC1HB-E PAC-SC20L-E PAC-CC1HB-E PAC-RP PAC	Filter box	PAC-KE94TB-E	PEAD-RP100/125
Shutter plate PAC-SH51SP-E PLA-RP Joint pipe 15.8 kg + 19.05 PAC-SG73RJ-E PUHZ-RP71/100/125/140/170/200 M-NET converter PAC-SF83MA-E PUHZ-RP71/100/125/140/170/200 Multi-function casement PAC-SH53TM-E PLA-RP Power supply terminal kit PAC-SG94HR-E PKA-RP PAC-SG94HR-E PKA-RP PAC-SG97HR-E PAC-SG97RH-E PAC-SRP-PAR-RP Remote On/Off adaptor PAC-SF58A-E All indoor units Remote operation adaptor PAC-SF40RM-E (excluding PKA-RP) Remote sensor PAC-SF41TS-E All indoor units (excluding PEA-RP-GAA) Space panel PAC-SH48AS-E PLA-RP Terminal block PAC-SH29TC-E PKA-RP for wired remote controller for remote display PAC-SA88HA-E All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80H-E PAC-ZC8		PAC-KE95TB-E	PEAD-RP140
Joint pipe 9.52′ +2.7 Joint pipe 15.88Ø-19.05 PAC-SG75RJ-E PUHZ-RP71/100/125/140/170/200 PAC-SG75RJ-E PUHZ-RP71/100/125/140/170/200 M-NET converter PAC-SF83MA-E PUHZ-RP71/100/125/140/170/200 Multi-function casement PAC-SH53TM-E PAC-SG94HR-E PAC-SG94HR-E PAC-SG96HR-E PAC-SG97HR-E PAC-SH52HR-E PAC-SH52HR-E Remote On/Off adaptor PAC-SF40RM-E Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SF41TS-E Terminal block PAC-SH48AS-E PAC-SH29TC-E PAC-SA88HA-E All indoor units (excluding PEA-RP-GAA) PAC-SA88HA-E All indoor units (excluding PEA-RP or wired remote controller of remote display PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC	i-see sensor corner panel	PAC-SA1ME-E	PLA-RP
Doint pipe 15.88 19.05 PAC-SG75RJ-E PUHZ-RP71/100/125/140	Shutter plate	PAC-SH51SP-E	PLA-RP
15.88%-19.05 M-NET converter PAC-SF83MA-E PUHZ-RP71/100/125/140/170/200 Multi-function casement PAC-SF83MA-E PLA-RP PAC-SG94HR-E PAC-SG94HR-E PAC-SG96HR-E PAC-SG97HR-E PAC-SG97HR-E PAC-SF85MA-E PAC-SF85MA-E PAC-SG97HR-E PAC-SG97HR-E PAC-SF85MA-E PAC-SF85MA-E PAC-SF85MA-E PAC-SF85MA-E PAC-SF950/60/71/100/125/140KAQ PAC-SF97HR-E PAC-SF97HR-E PAC-RPP PAC-RPP PAC-RPP Remote on/Off adaptor PAC-SF40RM-E Remote operation adaptor PAC-SF40RM-E All indoor units (excluding PKA-RP) All indoor units (excluding PEA-RP-GAA) PAC-SH48AS-E PLA-RP Terminal block PAC-SH48AS-E PAC-SH29TC-E PAC-SA88HA-E All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YC2C40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAR-SL94B-E PCA-RP	9.52′ 1 2.7	PAC-SG73RJ-E	PUHZ-RP71/100/125/140/170/200
Multi-function casement PAC-SH53TM-E PAC-SG94HR-E PKA-RP PAC-SG94HR-E PCA-RP50/60/71/100/125/140KAQ PAC-SG97HR-E PAC-SG97HR-E PEAD-RP, PEA-RP PAC-SH52HR-E PLA-RP Remote On/Off adaptor PAC-SE55RA-E All indoor units All indoor units (excluding PKA-RP) All indoor units (excluding PKA-RP) All indoor units All indoor units (excluding PEA-RP-GAA) Space panel PAC-SE41TS-E PLA-RP Terminal block PAC-SH48AS-E PLA-RP Terminal block PAC-SH29TC-E PKA-RP for wired remote controller PAC-SA88HA-E All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC		PAC-SG75RJ-E	PUHZ-RP71/100/125/140
PAC-SG94HR-E PAC-SG96HR-E PAC-SG96HR-E PAC-SG97HR-E PAC-SG97HR-E PAC-SF40RM-E PAC-SF40RM-E PAC-SF40RM-E Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SF41TS-E PAC-SF41TS-E PAC-SH48AS-E PAC-SH29TC-E PAC-SA88HA-E All indoor units (excluding PEA-RP-GAA) PAC-SH29TC-E PAC-SA88HA-E All indoor units (excluding PEA-RP-GAA) PAC-SH29TC-E PAC-SA88HA-E All indoor units (excluding SEZ-VAL) PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YC3CB0H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC9H-E PAC-ZC9H-E PAC-ZC80L-E PAC-ZC9H-E PAC-ZC9H-E PAC-ZC80L-E PAC-ZC9H-E PAC-ZC9H-E PAC-ZC9H-E PAC-ZC80L-E PAC-ZC9H-E PAC-Z	M-NET converter	PAC-SF83MA-E	PUHZ-RP71/100/125/140/170/200
Power supply terminal kit PAC-SG96HR-E PAC-SG97HR-E PAC-SG97HR-E PAC-SF40RP PAC-SF40RP Remote On/Off adaptor PAC-SF40RM-E Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SF41TS-E PAC-SE41TS-E PAC-SH48AS-E PAC-SH48AS-E PAC-SH48AS-E PAC-SH48AS-E PAC-SH49TC-E PAC-SA88HA-E All indoor units (excluding PEA-RP-GAA) PAC-SH49TC-E PAC-SA88HA-E All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80L-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	Multi-function casement	PAC-SH53TM-E	PLA-RP
Power supply terminal kit PAC-SG97HR-E PAC-SH52HR-E PAC-SH52HR-E PAC-SF55RA-E All indoor units All indoor units Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SF41TS-E Remote sensor PAC-SF41TS-E Remote sensor PAC-SH48AS-E PLA-RP PAC-SH29TC-E PAC-SA88HA-E All indoor units (excluding PEA-RP-GAA) PAC-SH29TC-E PKA-RP for wired remote controller PAC-SA88HA-E All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E		PAC-SG94HR-E	PKA-RP
PAC-SG97HR-E PAC-SH-RP PAC-SH-RP PAC-SH-RP PAC-SH-RP PAC-SH-RP Remote On/Off adaptor PAC-SE55RA-E Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SF40RM-E Remote sensor PAC-SE41TS-E Remote sensor PAC-SE41TS-E Remote sensor PAC-SE41TS-E PAC-SH-RP PAC-SH-RP All indoor units (excluding PEA-RP-GAA) PAC-SH-RP PEA-RP PEA-RP PEA-RP PEA-RP PEA-RP All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC90H-E PAC-RP PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP		PAC-SG96HR-E	PCA-RP50/60/71/100/125/140KAQ
Remote On/Off adaptor PAC-SE55RA-E All indoor units All indoor units All indoor units PAC-SE41TS-E (excluding PKA-RP) All indoor units PAC-SE41TS-E (excluding PEA-RP) All indoor units (excluding PEA-RP) All indoor units (excluding PEA-RP) PAC-SH48AS-E PLA-RP PAC-SH29TC-E PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E PAC-RP Wireless remote controller kit (Sender & Receiver)	Power supply terminal kit	PAC-SG97HR-E	PEAD-RP, PEA-RP
Remote operation adaptor PAC-SF40RM-E Remote sensor PAC-SE41TS-E Remote sensor PAC-SE41TS-E All indoor units (excluding PEA-RP · GAA) Space panel PAC-SH48AS-E PLA-RP Terminal block PAC-SH29TC-E PKA-RP for wired remote controller PAC-SA88HA-E All indoor units All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40L-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC01M-E PAC-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP		PAC-SH52HR-E	PLA-RP
Remote operation adaptor Remote sensor PAC-SE41TS-E Remote sensor PAC-SE41TS-E PAC-SE41TS-E All indoor units (excluding PEA-RP-GAA) PAC-SH48AS-E PLA-RP Terminal block PAC-SH29TC-E PKA-RP for wired remote controller PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC01M-E PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	Remote On/Off adaptor	PAC-SE55RA-E	All indoor units
Space panel PAC-SH48AS-E PLA-RP Terminal block PAC-SH29TC-E PKA-RP for wired remote controller Connector cable for remote display PAR-31MAA Wired remote controller PAC-YT52CRA PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC40L-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC80L-E Zone remote controller PAC-ZC01M-E PAC-ZC01M-E PAC-RP Wireless remote controller kit (Sender & Receiver) PAC-SH48AS-E PAC-RP PAC-RP PAC-RP PAC-RP	Remote operation adaptor	PAC-SF40RM-E	
Terminal block Connector cable for remote display PAC-SA88HA-E PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC01M-E PAC-ZC01M-E PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	Remote sensor	PAC-SE41TS-E	
Connector cable for remote display PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E Zone remote controller PAC-ZC01M-E PAC-ZC01M-E PAC-RP PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	Space panel	PAC-SH48AS-E	PLA-RP
For remote display PAC-SA88HA-E All indoor units All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC01M-E PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	Terminal block	PAC-SH29TC-E	PKA-RP for wired remote controller
Wired remote controller PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC80H-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E Zone remote controller Wireless remote controller kit (Sender & Receiver) PAR-31MAA (excluding SLZ-VAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC40H-E PAC-ZC80H-E PAC-ZC80L-E PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E PAC-ZC9H-E PAC-ZC9H		PAC-SA88HA-E	All indoor units
PAC-YT52CRA PAC-YT52CRA All indoor units (excluding SLZ-VAL and SEZ-VAL) All indoor units (excluding SLZ-VAL and SEZ-VAL) PAC-ZC40H-E PAC-ZC80H-E PAC-ZC40L-E PAC-ZC40L-E PAC-ZC80L-E Zone remote controller PAC-ZC01M-E PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	Wined and the controller	PAR-31MAA	
Zone controller (Interface & remote controller) PAC-ZC40L-E PAC-ZC40L-E PAC-ZC80L-E Zone remote controller PAC-ZC1M-E PAC-ZC1M-E PAC-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PAC-ARP	wirea remote controller	PAC-YT52CRA	
(Interface & remote controller) PAC-ZC40L-E PAC-ZC80L-E PAC-ZC80L-E Zone remote controller PAC-ZC01M-E PEAD-RP, PEA-RP		PAC-ZC40H-E	
PAC-ZC40L-E PAC-ZC80L-E	Zone controller	PAC-ZC80H-E	DEAD_RD DEA_RD
Zone remote controller PAC-ZC01M-E PEAD-RP, PEA-RP Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP	(Interface & remote controller)	PAC-ZC40L-E	I LAD-III, I LA-III
Wireless remote controller kit (Sender & Receiver) PAR-SL94B-E PCA-RP		PAC-ZC80L-E	
(Sender & Receiver) PAR-SL94B-E PCA-RP	Zone remote controller	PAC-ZC01M-E	PEAD-RP, PEA-RP
Power supply unit PAC-SC50KUA All outdoor units		PAR-SL94B-E	PCA-RP
	Power supply unit	PAC-SC50KUA	All outdoor units
Multiple remote controller adaptor PAC-725AD All indoor units		PAC-725AD	All indoor units
Interface for DRED DRC-101A SUZ-KA-VAD	Interface for DRED	DRC-101A	SUZ-KA·VAD

^{*1} P series indoor units can be used in combination with SUZ outdoor units.
*2 Unable to use with wireless remote controller

Refrigerant Piping

Constitut	Between indoor	r & outdoor units	Dia - sia - OD (mm)	This law and (many)		
Capacity	Max. height difference (m)	Max. piping length (m)	Pipe size OD (mm)	Thickness (mm)		
SUZ-KA25	12	20	Liquid: ø6.35	t 0.8		
SUZ-KAZ5	12	20	Gas: ø9.52	t 0.8		
SUZ-KA35	12	20	Liquid: ø6.35	t 0.8		
302-RA33	12	20	Gas: ø9.52	t 0.8		
SUZ-KA50	30	30	Liquid: ø6.35	t 0.8		
3UZ-KA3U	30	30	Gas: ø12.7	t 0.8		
SU7-K 460	SUZ-KA60 30 30	30	Liquid: ø6.35	t 0.8		
302 1/100		30	Gas: ø15.88	t 1.0		
SUZ-KA71	30	30	Liquid: ø9.52	t 0.8		
302-RA71	30	30	Gas: ø15.88	t 1.0		
PUHZ-RP71	30	50	Liquid: ø9.52	t 0.8		
FOIIZ-NF/I	30	30	Gas: ø15.88	t 1.0		
PUHZ-RP100/125/140	30	75	Liquid: ø9.52	t 0.8		
1 6112 111 100/ 123/ 110	50	.5	Gas: ø15.88	t 1.0		
PUHZ-RP170/200	30	75	Liquid: ø9.52	t 0.8		
FUHZ-NF 170/200	75 / DZ-nr1/0/200	/3	Gas: ø25.4	t 1.0		
PUHZ-RP250	30	75	Liquid: ø9.52	t 0.8		
PUHZ-RP250	30	75	Gas: ø22.2	t 1.0		

Amount of Necessary Refrigerant (R410A: kg)

D	Factory charged	Additional charged					Calculation
Piping length	7m	10m	15m	20m	25m	30m	Calculation
SUZ-KA25	0.8	0.15	0.3	0.45	_	_	V= 20=/===/l===th 5\m
SUZ-KA35	1.05	0.15	0.3	0.45	_	_	Xg=30g/m×(length-5) m
SUZ-KA50	1.6	0.06	0.16	0.26	0.36	0.46	Va-30a/my/longth 7\m
SUZ-KA60	1.8	0.06	0.16	0.26	0.36	0.46	Xg=20g/m×(length-7) m
SUZ-KA71	1.8	0.165	0.44	0.715	0.99	1.265	Xg=55g/m×(length-7) m

Piping length	Factory charged	Additional charged					
	10 - 30m	31 - 40m	41 - 50m	51 - 60m	61 - 75m		
PUHZ-RP71	3.5	0.6	1.2	_	_		
PUHZ-RP100/125/140	5.5	0.6	1.2	1.8	2.4		

Piping length	Factory charged	Additional charged					
	10 - 30m	31 - 40m	41 - 50m	51 - 60m	61 - 70m		
PUHZ-RP170/200	7.7	0.9	1.8	2.7	3.6		

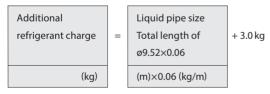
In the Case of PUHZ-RP250YKM

Calculation of additional refrigerant charge

- Calculate the amount of additional charge based on the length of the piping extension and the size of the refrigerant line.
- Use the table below as a guide to calculating the amount of additional charging and charge the system accordingly.
- If the calculation results in a fraction of less than 0.1 kg, round up to the next 0.1 kg.

 For example, if the result of the calculation was 11.38 kg, round the result up to 11.4 kg.

<Additional Charge>



Factory Charge: 9 kg

▲ NOTICE

* Air conditioners in this brochure contain and operate with refrigerant R410A and synthetic oils.

Before attempting any installation work you must read the installation instructions.

New tools, materials and procedures are required to install these products.

Under Australian Law, only persons suitably licensed are permitted to install and service air conditioning units. The buyer must ensure that the person and/or company who is install, service or repair the air conditioner has the necessary licences, qualifications and experience to perform the work. Suitable access for warranty and service is required. Refer to conditions of warranty on the Mitsubishi Electric website. For future improvement, specifications, designs of product and availability are subject to change without notice.

Refer to Country, Commonwealth, State or Territory legislation, regulations and industry codes of practice, before installation of these

products.

- Recovery and disposal of waste material must comply with Country, Commonwealth, State or Territory guidelines.
- * Do not install indoor units in areas (e.g., mobile phone base stations) where the emission of VOCs such as phthalate compounds and formaldehyde is known to be high as this may result in a chemical reaction.
- * When installing or relocating or servicing the air conditioners, use only the specified refrigerant (R410A) to charge the refrigerant lines.

Do not mix it with any other refrigerant and do not allow air to remain in the lines.

If air is mixed with the refrigerant, then it can be the cause of abnormal high pressure in the refrigerant lines, and may result in an explosion and other hazards.

The use of any refrigerant other than that specified for the system will cause mechanical failure or system malfunction or unit breakdown. In the worst case, this may lead to a serious impediment to securing product safety.

* Specifications, designs and other content appearing in this brochure are current as at January 2015 and are subject to change without notice. Diagrams are representations for illustrative purposes only.

Warm, even heat in winter and cool, comfort in summer is only a phone call or click away.

Simply contact your nearest Mitsubishi Electric Specialist today and you can find out all there is to know about how to enhance your living environment. Our specialists are fully qualified to give you all the right advice on which Mitsubishi Electric Air Conditioning System is right for you.



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They will determine whether a Compact Inverter System or a Power Inverter System best suits your needs, both in comfort and efficiency. You can either visit one of our Specialist's Showrooms, or they will happily arrange for one of their Consultants to come to your home.

All Mitsubishi Electric Compact and Power Inverter Systems are MEPS (Minimum Energy Performance Standards) Compliant, so you can be sure that they will give you the performance and efficiency that they were designed to deliver.







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