MITSUBISHI ELECTRIC

Natural Comfort for Everybody

Mr.SLIM

AIR CONDITIONING SYSTEMS

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.

Mr.SLIM

Contents

Product Line-up

		1-phase 2.5kW	1-phase 3.5kW	1-phase 5.0kW	1-phase 6.0kW	1-phase 7.1kW	1- & 3-phase 10.0kW
4-Way Ceiling Cassette	PLA Series Wide Power Cassette					 PLA-M71EA-A	 PLA-M100EA-A
	SLZ Series	 SLZ-KF25VA3	 SLZ-KF35VA3	 SLZ-KF50VA3	 SLZ-KF60VA3		
Compact Bulkhead	SEZ Series	 SEZ-KD25VAQ(L)	 SEZ-KD35VAQ(L)	 SEZ-KD50VAQ(L)	 SEZ-KD60VAQ(L)	 SEZ-KD71VAQ(L)*	
Ceiling-Concealed	PEAD Series					 PEAD-M71JAAD	 PEAD-M100JAAD
	PEA Series						 PEA-M100GAA
Ceiling-Suspended	PCA-KA Series			 PCA-M50KA	 PCA-M60KA	 PCA-M71KA	 PCA-M100KA
Wall-mounted	PKA Series					 PKA-M71KAL	 PKA-M100KAL
Outdoor Unit	R410A P Series S Series	 SUZ-KA25VAD2	 SUZ-KA35VAD2	 SUZ-KA50VAD2	 SUZ-KA60VAD2	 SUZ-KA71VAD2	
	R32 P Series					 PUZ-ZM71VHA-A	 PUZ-ZM100V(Y)KA

*SEZ/SLZ indoor units should be connected to an SUZ outdoor unit.
*PKA-M71KAL only available with PUZ-ZM7VHA.

1- & 3-phase 12.5kW	1- & 3-phase 14.0kW	1- & 3-phase 17.0kW	3-phase 20.0kW	3-phase 25.0kW	Remote Controller	See Page
 PLA-M125EA-A	 PLA-M140EA-A				 optional  optional  optional	20
					 optional  optional  optional	18
					 standard for SEZ-VAL  optional	19
 PEAD-M125JAAD	 PEAD-M140JAAD				 standard  optional  optional  optional	21
 PEA-M125GAA	 PEA-M140GAA	 PEA-RP170WJA	 PEA-RP200WJA	 PEA-RP250WHA	 optional  optional  optional	22
 PCA-M125KA	 PCA-M140KA				 optional  optional  optional	23
					 standard  optional  optional	24
		 PUZ-RP170V(Y)KA	 PUZ-RP200YKA	 PUHZ-RP250YKM		
 PUZ-ZM125V(Y)KA	 PUZ-ZM140V(Y)KA					

Inverter Technologies

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

How Do Inverters Work?

Inverters electronically control the electrical voltage, current and frequency of electrical devices such as the compressor motor in an air conditioner.

They receive information from sensors monitoring operating conditions and adjust the revolution speed of the compressor, which directly regulates air conditioner output. Optimum control of operation frequency results in eliminating the consumption of excessive electricity and providing the most comfortable room environment.

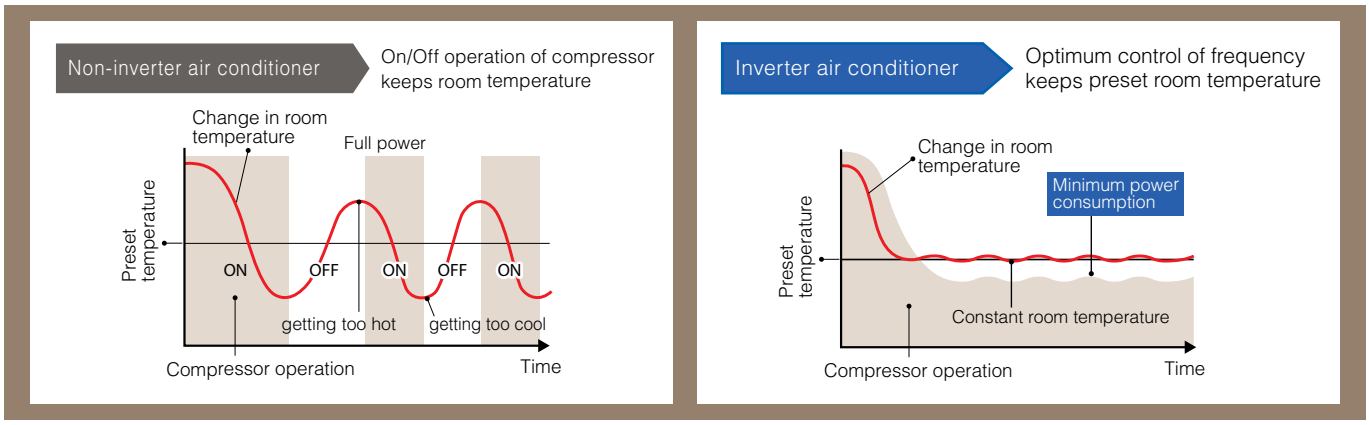
Economic Operation

Impressively low operating cost is a key advantage of inverter air conditioners. We've combined advanced inverter technologies with cutting-edge electronics and mechanical technologies to achieve a synergistic effect that enables improvements in heating/cooling performance efficiency. Better performance and lower energy consumption are the results.

True Comfort

Below is a simple comparison of air conditioner operation control with and without an inverter.

Inverter Operation Comparison



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

KEY TECHNOLOGIES

Rotary Compressor

Our rotary compressors use our original "Poki-Poki Motor" and "Heat Caulking Fixing Method" to realise downsizing and higher efficiency, and are designed to match various usage scenes in residential to commercial applications. Additionally, the development of an innovative production method known as "Divisible Middle Plate" realises further size/weight reductions and increased capacity while also answering energy-efficiency needs.

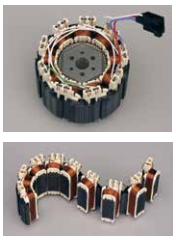
Scroll Compressor

Our scroll compressors are equipped with an advanced frame compliance mechanism that allows self-adjustment of the position of the orbiting scroll according to pressure load and the accuracy of the fixed scroll position. This minimises gas leakage in the scroll compression chamber, maintains cooling capacity and reduces power loss.

MORE ADVANTAGES WITH MITSUBISHI ELECTRIC

Joint Lap DC Motor

Mitsubishi Electric has developed a unique motor, called the “Poki-Poki Motor” in Japan, which is manufactured using a joint lapping technique. This innovative motor operates based on a high-density, high-magnetic force, leading to extremely high efficiency and reliability.

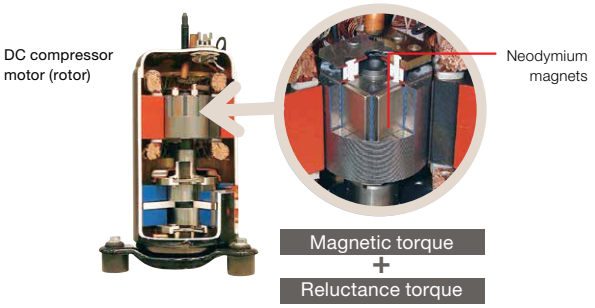


Magnetic Flux Vector Sine Wave Drive

This drive device is actually a microprocessor that converts the compressor motor’s electrical current waveform from a conventional waveform to a sine wave (180°conductance) to achieve higher efficiency by raising the motor winding utilisation ratio and reducing energy loss.

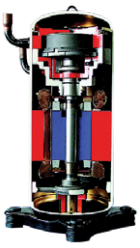
Reluctance DC Rotary Compressor

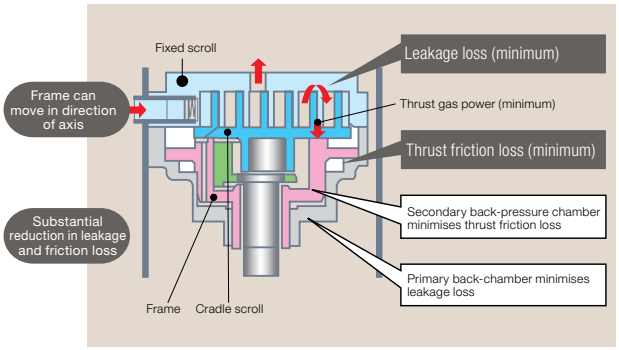
Powerful neodymium magnets are used in the rotor of the reluctance DC motor. More efficient operation is realised by strong magnetic and reluctance torques produced by the magnets.



Highly Efficient DC Scroll Compressor

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 leakage and friction loss, and ensuring extremely high efficiency at all speeds.





Heat Caulking Fixing Method

To fix internal parts in place, a “Heat Caulking Fixing Method” is used, replacing the former arc spot welding method. Distortion of internal parts is reduced, realising higher efficiency.

DC Fan Motor

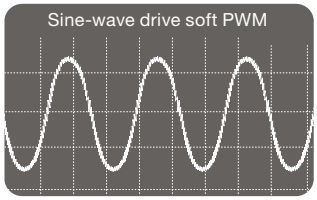
A highly efficient DC motor drives the fan of the outdoor unit. Efficiency is much higher than an equivalent AC motor.

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, less power is used, and annual electricity cost is reduced.

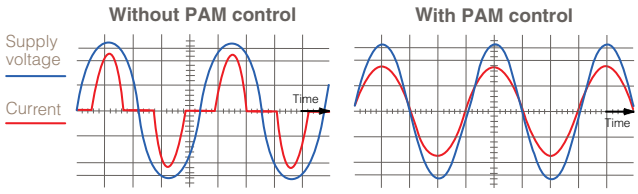
Smooth Wave Pattern

Inverter size has been reduced using insert moulding, where the circuit pattern is moulded into the synthetic resin. To ensure quiet operation, soft PWM control is used to prevent the metallic whine associated with conventional inverters.



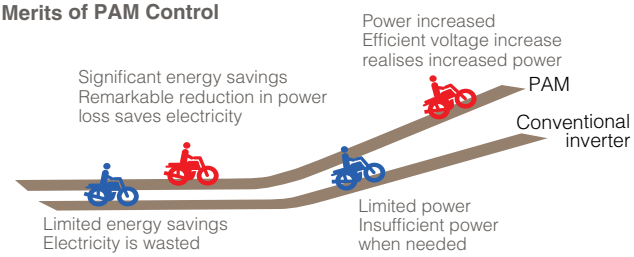
PAM (Pulse Amplitude Modulation)

PAM is a technology that controls the current waveform so that it resembles the supply voltage wave, thereby reducing loss and realising more efficient use of electricity. Using PAM control, 98% of the input power supply is used effectively.



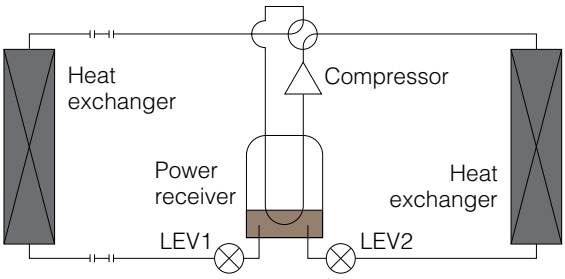
PAM adjusts the form of the current wave so that it becomes close to that of the supply voltage wave. High harmonics are reduced and 98% of the electricity is utilized.

Merits of PAM Control



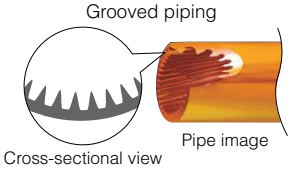
Power Receiver and Twin LEV Control

Mitsubishi Electric has developed a power receiver and twin linear expansion valves (LEVs) circuit that optimises compressor performance. This technology ensures optimum control in response to operating waveform and outdoor temperature. Operating efficiency has been enhanced by tailoring the system to the characteristics of R410A refrigerant.



Grooved Piping

High-performance grooved piping is used in heat exchangers to increase the heat exchange area.



Cleaning-Free* Pipe Reuse Technology

R32 | R410A REFRIGERANT

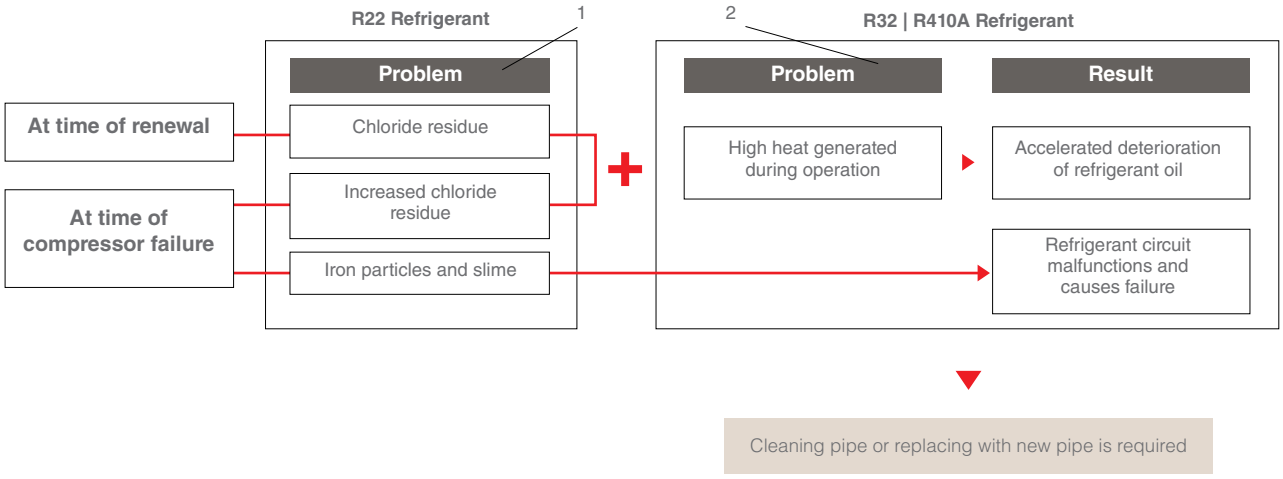
Ability to Use Existing Piping Reduces Pipe Waste and Replacement Time

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 PUZ-ZM71-200.

Why Can’t Existing Piping Be Used?



Mitsubishi Electric’s Original Replacement Technologies

Countermeasure for Problem 1

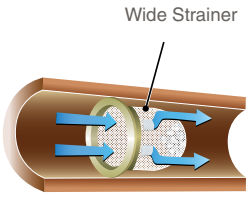
Technology 1:
Original High-Quality Filtration

Our original high-quality filtration device called the “Wide Strainer” is equipped inside the refrigerant inlet and outlet pipe. The “Wide Strainer” traps iron particles and provides cleaning-free pipe reuse. In addition, improvements to the metal used in the bearings of our new scroll compressors provide more robust units.

Countermeasure for Problem 2

Technology 2:
Friction Reduction (moving parts in compressor)

Friction inside the compressor is reduced by using an original Mitsubishi Electric technology called the “Heat Caulking Fixing Method” or coating the edge of the blade in the scroll compressor, thereby suppressing the increase in temperature that causes refrigerant oil deterioration.



Existing piping can be used without cleaning*

⚠ 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 meets Mitsubishi Electric specifications and piping thickness meets Australian standards.
- Check to ensure that the flare is compatible with R410A/R32.

*Cleaning-Free Pipe Reuse Technology specifically applies to piping which is contaminated with chlorine residue, iron particles and slime.

These contaminants are typically found in piping in which the previous system utilised R22 refrigerant. Cleaning-Free Pipe Reuse Technology cannot be used to clean pipes which contain foreign matter other than what can be generated from an operating air conditioner.

Advanced Technology for High Efficiency

Econo Cool Energy-Saving Feature

"Econo Cool" is an intelligent temperature control feature that adjusts the amount of air directed towards the body based on the air-outlet temperature. The setting temperature can be raised by as much as 2°C without any loss in comfort, thereby realising a 20% gain in energy efficiency. *(Function only available during manual cooling operation.)*

	Conventional	Econo Cool
Ambient Temperature	35°C	35°C
Set Temperature	25°C	27°C
Perceived Temperature	30°C	29.3°C

Econo Cool Mode

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

Temperature distribution (°C)

4 16 18 20 22 24 26 28

Demand Function (Onsite Adjustment)

The demand function can be activated when the unit is equipped with a commercially available timer or an On/Off switch is added to the CNDM connector (option) on the control board of the outdoor unit. Energy consumption can be reduced up to 100% of the normal consumption according to the signal input from outside.

[Example: Power Inverter Series]
Limit energy consumption by changing the settings of SW7-1, SW2 and SW3 on the control board of the outdoor unit. The following settings are possible.

SW7-1	SW2	SW3	Energy Consumption
ON	**OFF**	OFF	100%
	ON	OFF	75%
	ON	ON	50%
	OFF	ON	0% (Stop)

*PUZ outdoor only

Demand Response Capable

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

AIR QUALITY

Fresh-air Intake

Indoor air quality is enhanced by the direct intake of fresh exterior air.

High-efficiency Filter

This high-performance filter has a much finer mesh compared to standard filters and is capable of capturing minute particulates floating in the air that were not previously caught.

Long-life Filter

A special process for the entrapment surface improves the filtering effect, making the maintenance cycle longer than that of units equipped with conventional filters.

Filter Check Signal

Air conditioner operating time is monitored, and the user is notified when filter maintenance is necessary.

AIR DISTRIBUTION

Auto Fan Speed Mode

The airflow speed mode adjusts the fan speed of the indoor unit automatically according to the present room conditions.

Horizontal Vane

The air outlet vane swings up and down so that the airflow is spread evenly throughout the room.

Vertical Vane

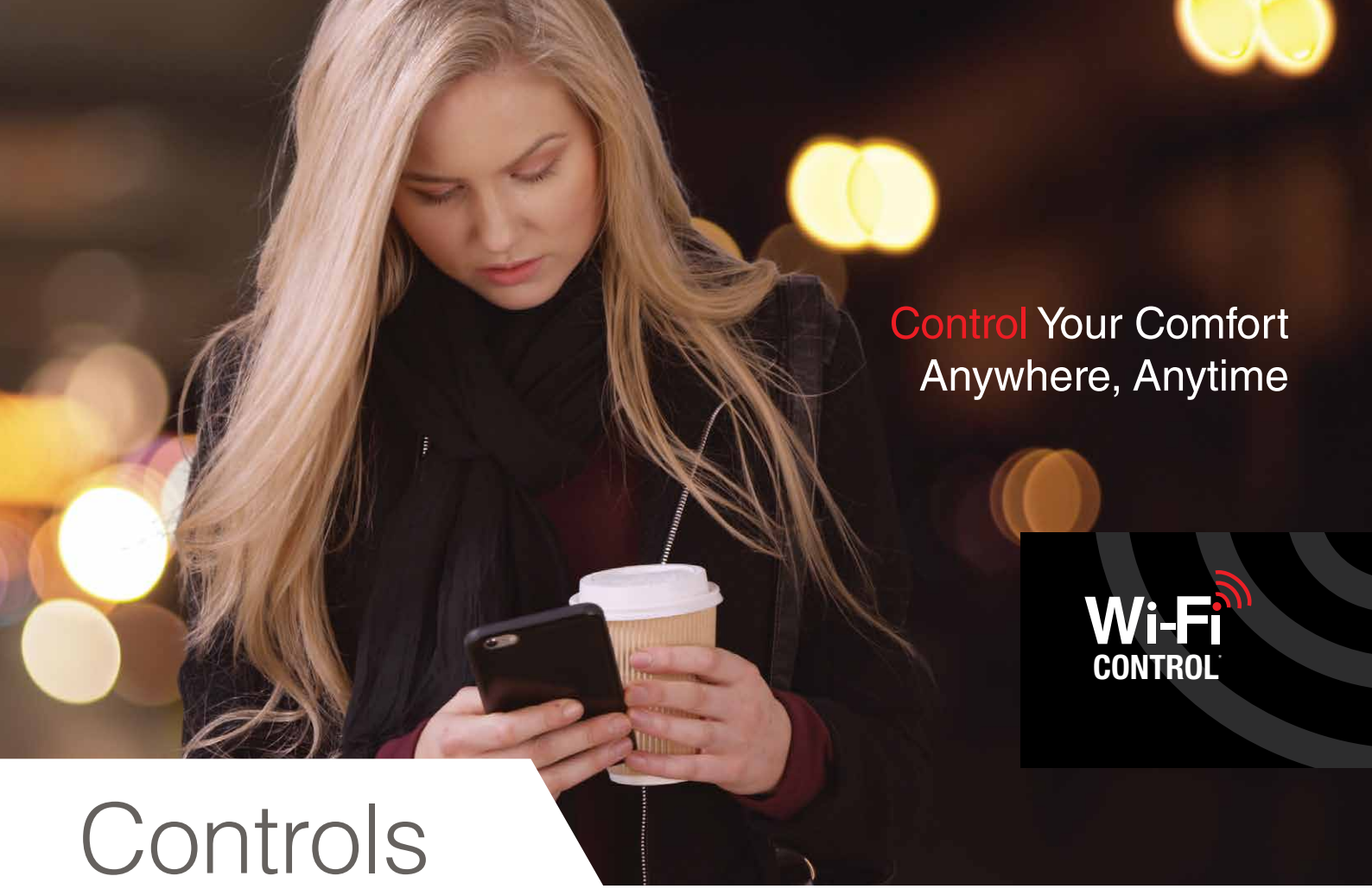
The air outlet fin swings from side to side so that the airflow reaches every part of the room.

High Ceiling Mode

In the case of rooms with high ceilings, the outlet-air volume can be increased to ensure that air is circulated all the way to the floor.

Low Ceiling Mode

If the room has a low ceiling, the airflow volume can be reduced for less draft.



Controls

Wi-Fi CONTROL*1

Wi-Fi Control unlocks the door to smarter heating or cooling, for total home comfort wherever you are.

This innovative technology connects your Mitsubishi Electric air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.

*1 Optional upgrade adapter required per unit. Requires an Internet connection and the App downloaded from the App Store or GooglePlay 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 Echo device.
*3 To use Google Assistant to control your air conditioner, you will need a Google Home smart speaker.

Wi-Fi FEATURES

- View & control from anywhere in the world
- Enhance energy savings
- Set up 7 day 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.

Develop Operating Rules

Tailor your system to always 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 ensure superior comfort day after day.

NEW Wi-Fi 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.

MA Wall Controller

PAR-40MAA

User-friendly remote contoller with excellent operability and visibility.

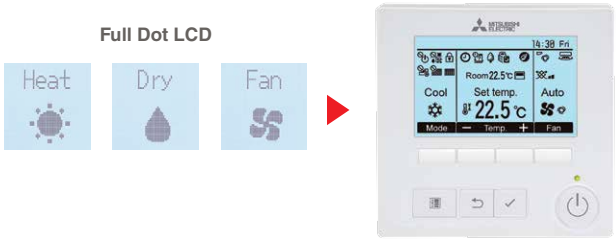
Alternate Background Display

The screen background colour can set to black to suit the atmosphere of the living environment.

Full Dot Liquid-crystal Display Adopted

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

Display Example (Operation Mode)



PAR-40MAA

Energy Efficiency Schedule

Precise control of power consumption

PUZ-M71-200

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	12:00	80%
12:00	13:00	50%
13:00	17:00	90%
17:00	21:00	50%

Operation Lock

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:

Offices, Schools, Public Halls, Hospitals, Computer Server Facilities

Night Setback

Keep desired room temperatures automatically

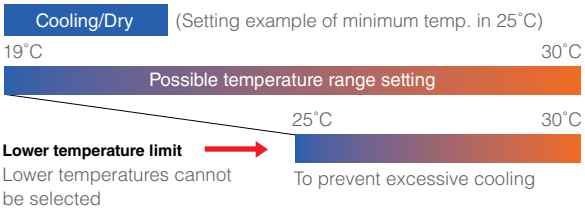
This function monitors the room temperature and automatically activates the heating mode when the temperature drops below the preset minimal temperature setting. It has the same function for cooling, automatically activating the cooling mode when the temperature rises above the preset maximum temperature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

Temperature Range Restriction

Prevents Overcooling/Overheating

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

*Based on Mitsubishi Electric laboratory tests in controlled conditions



Recommended for:

Offices and Restaurants

Auto-Return

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

After adjusting the temperature for initial cooling on a hot summer day or heating in winter, 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 overcooling/overheating.
The Auto-Return activation time can be set in 10-minute units, in a range between 30 and 120 minutes.

*Auto-Return cannot be used when Temperature Range Restrictions is in use.

Auto-Off Timer

Turns cooling/heating off automatically after preset time elapses

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.

Recommended for:

Meeting Rooms and Changing Rooms

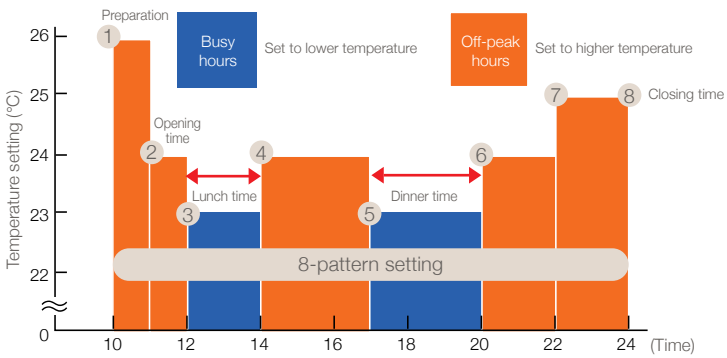
Weekly Timer

Set up to 8 patterns per day including temperature control

Weekly schedule timer can save two different settings which can be easily switched according to different seasons. In addition, it offers eight different pattern setting per day. (On, Off and temperature setting).

*Weekly Timer cannot be used when on/off Timer is in use.

Setting Example (Restaurant in summer time)



Necessary to change temperature settings for cooling/heating times.
*Joint research conducted by Mitsubishi Electric.

Rotation, Back-up and 2nd Stage Cut-in Functions* (PAR-40MAA)

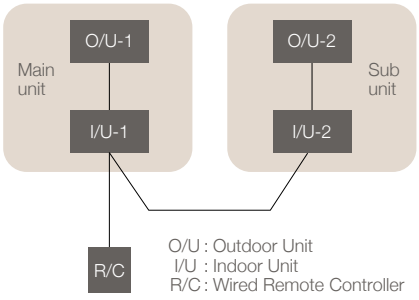
PUZ-M71–200

(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).

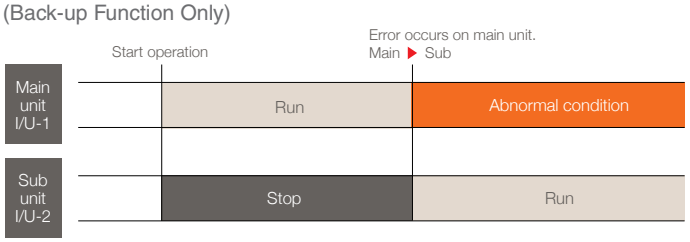
System Constraint

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

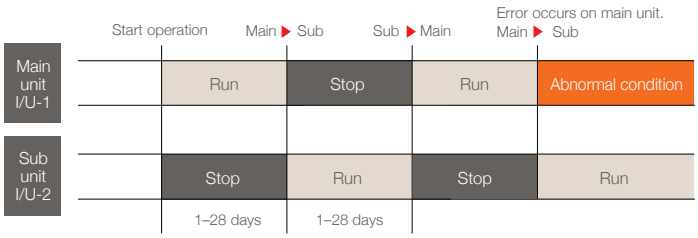
*Applicable to PKA, PCA, PLA and PEAD indoor units only.

Operation Pattern

(Back-up Function Only)



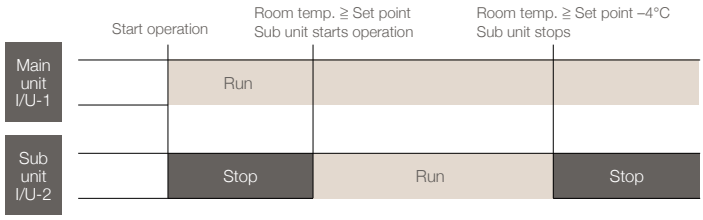
(Rotation Function) & (Back-up Function)



(When the request code "313", each unit operates alternatively in daily cycle)

Operation Pattern (When Cooling)

2nd Stage Cut-in Function



Easy Maintenance Function

PUZ-ZM71–200

- 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 was reset.

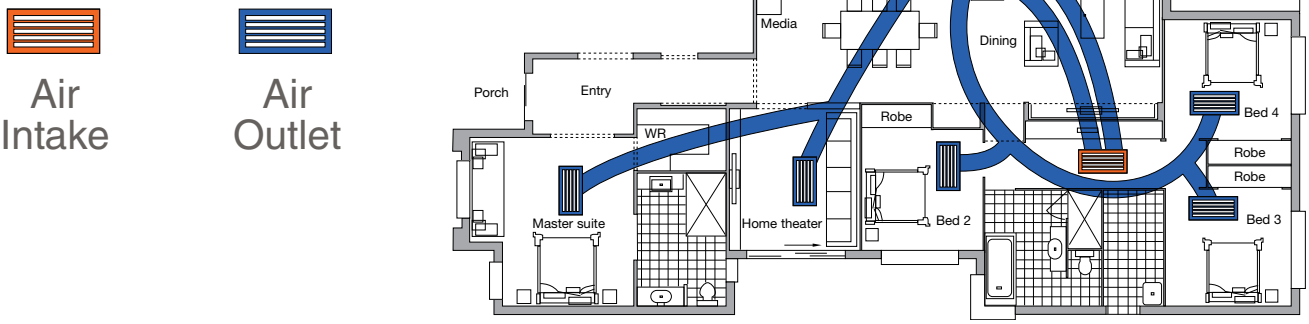
Zone Controller

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

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

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.

Wi-Fi Compatibility

Can be operated from tablet, smartphone, etc.

Zone Controller

PAC-ZC 40H-E	240 Volt AC	4 zones (max.)
PAC-ZC 80H-E	240 Volt AC	8 zones (max.)
PAC-ZC 40L-E	24 Volt AC	4 zones (max.)
PAC-ZC 80L-E	24 Volt AC	8 zones (max.)

Optional Parts

Wi-Fi Control Interface	MAC-568IF-E
Remote Sensor	PAC-SE4ITS-E
Zone Remote Controller	PAR-ZC01M-E

Schedule Setting

- Built-in weekly schedule function can control turning the air conditioner on and off, and the 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.

Easy to See and Use

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

Main Screen **Zone Control Screen**

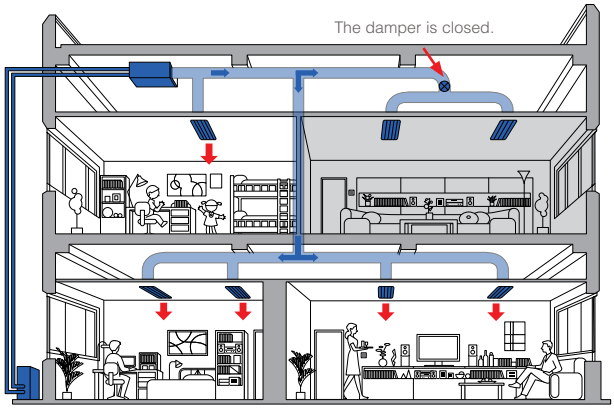
Actual size 120x140x25mm (HxWxD)

Occupancy and Brightness Sensors

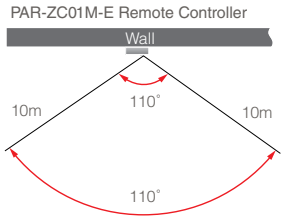
Occupancy sensors equipped with the controller can detect when you leave the room. By then automatically switching into energy-saving mode the Zone Controller turns the air conditioner off, leading to potential energy savings.

Brightness sensors detect when a room changes between light and dark and energy-saving mode can be enabled accordingly. Day and time settings combined with the brightness sensors can be used to automatically turn the air conditioner off when lights are switched off.

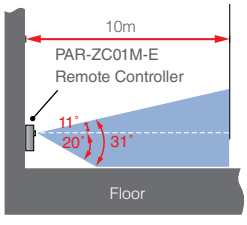
When “Zone Control” mode is selected among the energy-saving mode settings shown below.



Occupancy Sensor



Detection distance, right/left detection angle



Up/Down detection angle

Energy Saving Mode

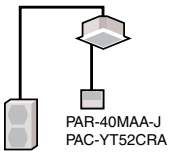
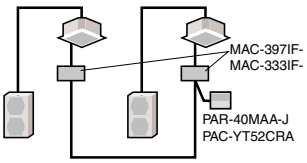
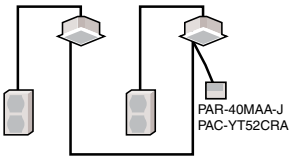
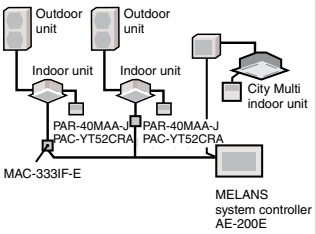
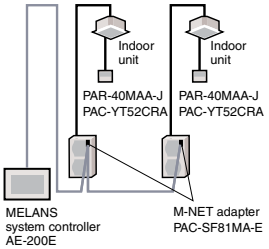
Energy-Saving Mode settings can be selected (see table below)

Deactivate	Even if no one is detected, Energy Saving Mode is not set
Temperature setting slide	The 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

SYSTEM CONTROLS (SUZ and Mr. Slim Power Inverter only)

Versatile system controls can be realised by using optional parts, relay circuits, control panels, etc.

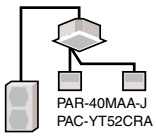
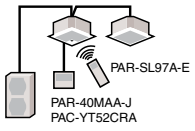
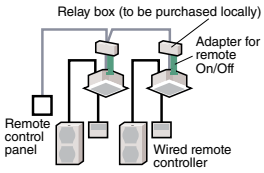
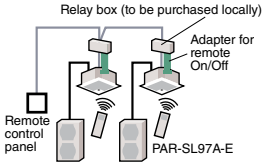
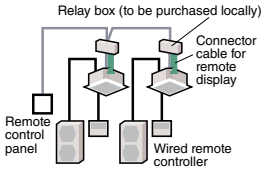
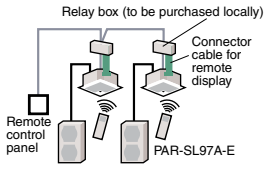
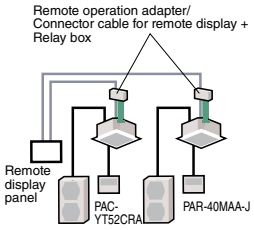
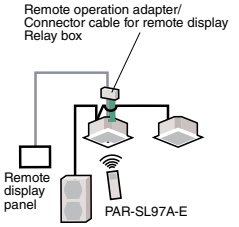
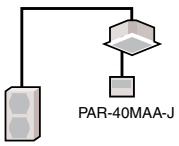
MAJOR SYSTEM CONTROL

	System Examples		Details	Major Optional Parts Required
Indoor Unit / Outdoor Unit / Controller	S Series & P Series Indoor Unit / S Series & MXZ Series Outdoor	P Series Indoor Unit / P Series Outdoor		
A PAR-40MAA Control PAC-YT52CRA Control			Standard equipment (for indoor units compatible with wired remote controllers)	• PAR-40MAA-J (Wired remote controller) • PAC-YT52CRA (Wired remote controller)
B **C** System Group Control			• One remote controller can control plural air conditioners with the same settings simultaneously. • One remote controller can control up to 16 refrigerant systems (when connected to an MXZ unit, MAC-397IF-E is counted as one system). • Up to two remote controllers can be connected. • PAR-SL100A cannot be used when connected through the MAC-397IF-E, or when group control is used.	S Series Outdoor Unit • MAC-334IF-E/MAC-397IF-E (Interface) • PAR-40MAA (Wired remote controller) • PAC-YT52CRA (Wired remote controller) P Series Outdoor Unit • PAR-40MAA-J (Wired remote controller)
M-NET Connections			Group of air conditioners can be controlled by MELANS system controller (M-NET).	S Series Outdoor Unit • MAC-334IF-E • MELANS System controller • PAC-SC51KUA (power supply unit) P Series Outdoor Unit • PAC-SJ95MA-E (M-NET converter) • MELANS System controller • PAC-SC51KUA (power supply unit)

SYSTEM CONTROLS (SUZ and Mr. Slim Power Inverter only)

Versatile system controls can be realised by using optional parts, relay circuits, control panels, etc.

FOR P SERIES AND S SERIES INDOOR UNITS

		System Examples		Details	Major Optional Parts Required
		Wired Remote Controller	Wireless Remote Controller		
A	**2 Remote Controller Control** With two remote controllers, control can be performed locally and remotely from two locations.	 * Set "Main" and "Sub" remote controllers.	 * When using wired and wireless remote controllers	• 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-40MAA, 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-SL948-E
B	**Operation Control by Level Signal** Air conditioner can be started/stopped remotely. In addition, On/Off operation by the local remote controller can be prohibited/permitted.	 (Example of 1 : 1 system x 2)	 (Example of 1 : 1 system x 2)	• 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-SE55RA-E • Relay box (to be purchased locally) • Remote control panel (to be purchased locally)
C	**Operation Control by Pulse Signal**	 (Example of 1 : 1 system x 2)	 (Example of 1 : 1 system x 2)	• The pulse signal can be turned On/Off. • Operation/emergency signal can be received at a remote location.	• Connector cable for remote display PAC-SA88HA-E/PAC-725AD (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.			• 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 ▶ 12V DC signal).	• Remote display panel (to be purchased locally) • Connector cable for remote display PAC-SA88HA-E/ PAC-725AD (10 pcs. x PAC-SA88HA-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.		-	• 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-40MAA

SLZ Series

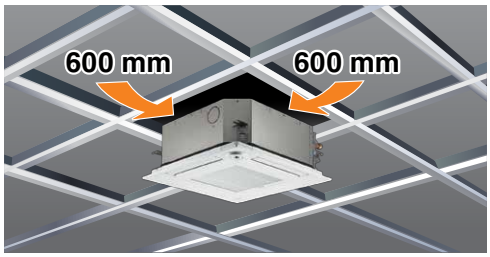
4-WAY CEILING CASSETTE

SLZ-KF25/35/50/60VA3

Provides a smart solution to comfort and efficient air conditioning.

New Design

The straight-line form introduced has resulted in a beautiful square design. Its high affinity ensures the ability to blend in seamlessly with any interior. The indoor unit is an ideal match for office or store use. Of course, design matched 2x2 (600mm x 600mm) ceiling construction specifications.

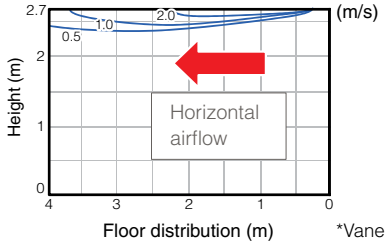


Horizontal Airflow

The new airflow control completely eliminates that uncomfortable drafty-feeling with the introduction of a horizontal airflow that spreads across the ceiling - the ideal airflow for offices and restaurants.

Airflow distribution*

SLZ-KF60VA | Flow angle, cooling at 20°C (ceiling height 2.7m)

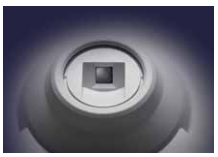


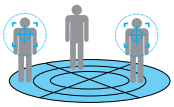
*Vane angle: Horizontal

3D i-see Sensor

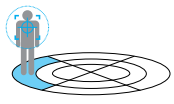
Detects people's position

Once the position of a person is detected, the duct angle of the vane is automatically adjusted in that direction. Each vane can be independently set to "Indirect Airflow" or "Direct Airflow" according to taste.

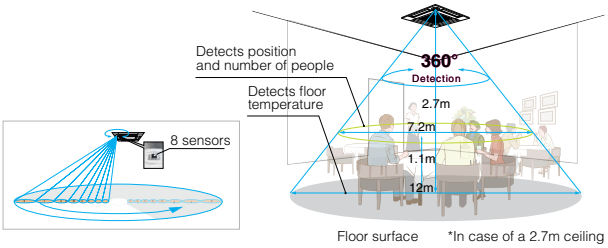




Detects number of people



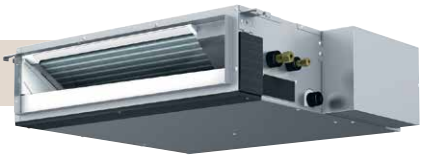
Detects people's position



SEZ Series

COMPACT BULKHEAD

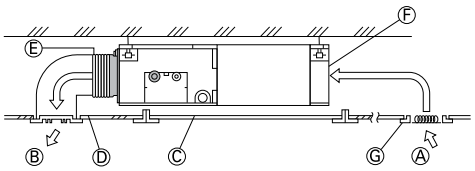
SEZ-KD25/35/50/60/71VAQ(L)



Our ultra-compact design saves installation space and provides a flexible solution.

Compact Ceiling-concealed Units

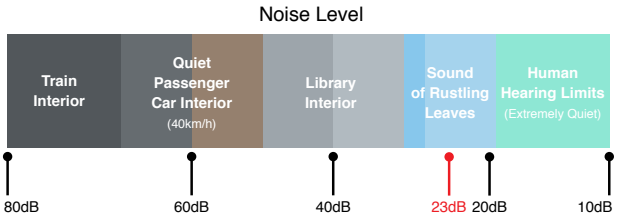
Only the intake-air grille and outlet vents are visible when using this ceiling-concealed indoor unit. The rest of the unit is conveniently hidden in the ceiling cavity, essentially leaving the ceiling and walls free of bulky looking devices and maintaining a high-class interior décor. The compact units require minimal space and can be installed in buildings with lowered ceilings, where exposed units were the rule in the past.



Ⓐ Air inlet
Ⓑ Air outlet
Ⓒ Access door
Ⓓ Ceiling surface
Ⓔ Canvas duct
Ⓕ Air filter
Ⓖ Inlet grille

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.



Drain Pump (Optional)

The PAC-KE07DM-E drain pump is now available as an option. With the pump, a drain hose length of up to 550mm can be used, adding to increased installation possibilities.

PLA Series

4-WAY CEILING CASSETTE

PLA-M71/100/125/140EA

Advancements in PLA Series improve style and performance for indoor comfort.

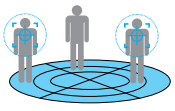
3D i-see Sensor

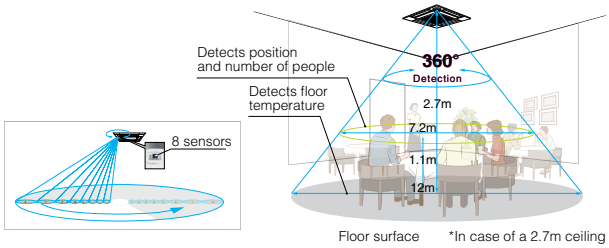
Detects occupants

3D i-see Sensor detects the occupancy of people in the room and sets the air conditioning settings accordingly. This makes automatic power-saving operation possible in places where the number of people entering and exiting is large. Additionally, when the area is continuously unoccupied, the system switches to a more enhanced power-saving mode. Depending on the setting, it will save additional capacity or stop operation together.

Detects people's position

Once the position of a person is detected, the duct angle of the vane is automatically adjusted in that direction. Each vane can be independently set to "Indirect Airflow" or "Direct Airflow" according to taste.





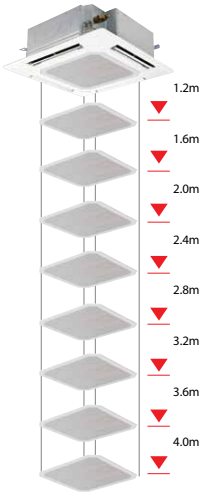
Automatic Grille Lowering Function (Optional)

An automatic grille lowering function is available for easy filter maintenance. Special wired and wireless remote controllers can be used to lower the intake grille for maintenance.

Grille Elevation Remote Controller (comes with the automatic elevation panel)

Wired remote controller (PAR-40MAA)

Wireless remote controller (PAR-SL100A-E)



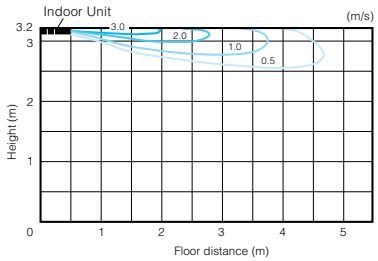
Automatic elevation to four meters

Horizontal Airflow

The new airflow control removes that uncomfortable drafty feeling with the introduction of a horizontal airflow that spreads across the ceiling - the ideal airflow for offices and restaurants.

Airflow distribution*

PLA-M140EA | Cooling at ceiling height of 3.2m



PEAD Series

CEILING-CONCEALED

PEAD-M71/100/125/140JAAD

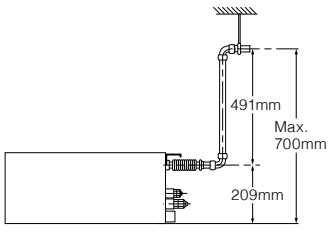
The thin, ceiling-concealed indoor units of the PEAD series is the answer for the air conditioning requirements of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, thereby reducing electricity consumption and contributing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

Lighter Weight

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

Drainage Pump Installed as Standard

The drainage pump can lift water up to 700mm from the lower surface of the indoor unit's main body.



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·EAQ (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	PEAD-M	
7.1 kW	Rated EER	2.86	3.50	22% UP
	Rated COP	3.35	4.00	19% UP
10.0 kW	Rated EER	3.28	3.61	10% UP
	Rated COP	3.54	4.12	16% UP
12.5 kW	Rated EER	2.95	3.33	13% UP
	Rated COP	3.64	4.00	10% UP
14.0kW	Rated EER	2.90	3.32	14% UP
	Rated COP	3.74	3.96	6% UP

PEA Series

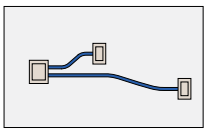
CEILING-CONCEALED

PEA-M100/125/140GAA, PEA-RP170/200WJA/250WHA

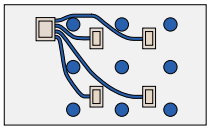
For elegance and style, the PEA Series compliments the room with aesthetically pleasing ceiling installation and a vast line-up of performance functions.

Freedom in Installation

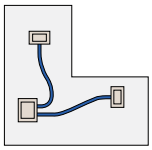
Versatile and easy installation is possible; for example, it is possible to adjust the distance between the air-intake and air-outlet vents to create the optimal airflow configuration.



Long rectangular room



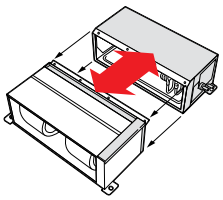
Room with fixed ceiling fixtures



L-shaped room

Easier Handling

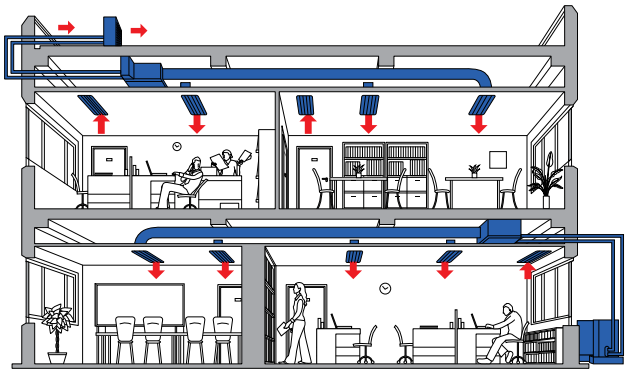
The new ducted fan coil unit (PEA-RP170/200/250) now has a two-piece construction. This allows separation of the indoor unit heat exchanger and the fan deck assembly for easier handling in the roof space.



Must be reassembled and installed prior to using the system.

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.



Computerised Dehumidification

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

PCA Series

CEILING-SUSPENDED

PCA-M50/60/71/100/125/140KA

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.

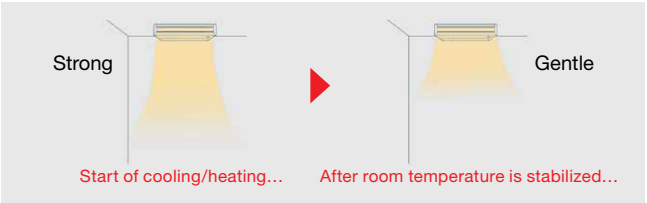
PCA-GA　　PCA-KA

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 the cooling/heating operation, the airflow is set to high-speed to quickly cool/heat the room.

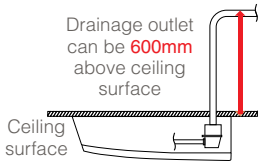
When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable comfortable cooling/heating operation.



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.

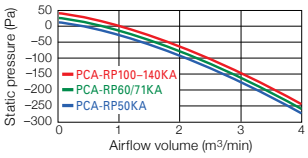
Drain Pump Installation Possible



Fresh Outside-Air Intake

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

Outside Air-Intake Characteristics



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	3.5m	2.7m	2.5m
60	3.5m	2.7m	2.5m
71	3.5m	2.7m	2.5m
100	4.2m	3.0m	2.6m
125	4.2m	3.0m	2.6m
140	4.2m	3.0m	2.6m

PKA Series

WALL-MOUNTED

PKA-M71/100KAL

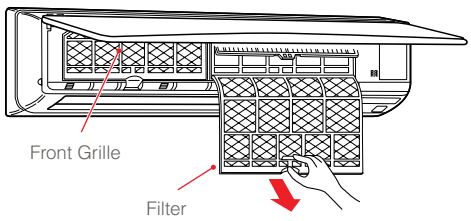
Elegant design and compact dimensions are ideal for offices and stores.

Flat Panel & Pure White Finish

A flat panel layout has been adopted for all models. Pursuing a design that harmonizes with virtually any interior, the unit colour has been changed from white to pure white.

Quick Clean Grille

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

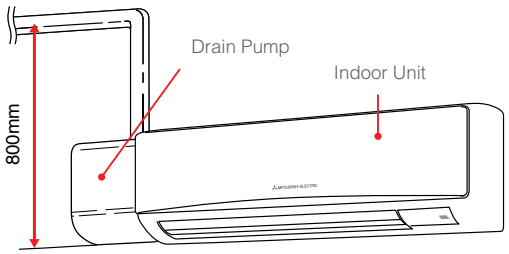


Wired Remote Controller Available (Optional)

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

Drain Pump Option Available with All Models

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



Function List

● Standard ○ Optional - Not Available

	Combination	P Series									
Category	Indoor Unit	PLA-M71/100/125/140EA		PEAD-M71/100/125/140JAAD		PEA-M100/125/140 GAA	PEA-RP170/200WJA	PEA-RP250WHA	PKA-M71/100KAL	PCA-M50/60/71/125/140KA	
	Outdoor Unit	SUZ-KA	PUZ-ZM	SUZ-KA	PUZ-ZM	PUZ-ZM	PUZ-RP	PUHZ-RP	PUZ-ZM	SUZ-KA	PUZ-ZM
Technology	DC Inverter	●	●	●	●	●	●	●	●	●	●
	Joint Lap DC Motor	●	71	●	71	71	-	-	71	●	71
	Magnetic Flux Vector Sine Wave Drive	-	●	-	●	●	●	●	●	-	-
	Reluctance DC Rotary Compressor	●	71	●	71	71	-	-	71	●	71
	Highly Efficient DC Scroll Compressor	-	100-140	-	100-140	100-140	●	●	100	-	100-140
	Heating Caulking (Compressor)	●	71	●	71	-	-	-	71	●	71
	DC Fan Motor	●	●	●	●	●	●	●	●	●	●
	Vector-Wave Eco Inverter	-	●	-	●	●	●	●	●	-	●
	PAM (Pulse Amplitude Modulation)	●	●	●	●	●	-	-	●	●	●
	Power Receiver and Twin LEV Control	-	●	-	●	●	-	-	●	-	●
	Grooved Piping	●	●	●	●	●	●	●	●	●	●
i-See Sensor	Felt Temperature Control (3D i-see Sensor)	○	○	-	-	-	-	-	-	-	-
	AREA Temperature Monitor	○	○	-	-	-	-	-	-	-	-
Energy Saving	Demand Function	-	○	-	○	○	○	○	○	-	○
	Demand Response Capable	●	●	●	●	●	●	●	●	●	●
Air Quality	Fresh-Air Intake	●	●	-	-	-	-	-	-	●	●
	High-Efficiency Filter	○	○	-	-	-	-	-	-	○	○
	Long-Life Filter	●	●	●	●	-	-	-	-	●	●
	Filter Check Signal	●	●	●	●	-	-	-	○	●	●
Air Distribution	Horizontal Vane (Auto Swing)	●	●	-	-	-	-	-	●	●	●
	Auto Vane	●	●	-	-	-	-	-	●	●	●
	High Ceiling Mode	●	●	-	-	-	-	-	-	●	●
	Low Ceiling Mode	●	●	-	-	-	-	-	-	●	●
	Auto Fan Speed Mode	●	●	●	●	-	-	-	●	●	●
Convenience	On/Off Operation Timer	●	●	●	●	●	●	●	●	●	●
	Auto Change Over	●	●	●	●	●	●	●	●	●	●
	Auto Restart	●	●	●	●	●	●	●	●	●	●
	Low-Temperature Cooling	●	●	●	●	●	●	●	●	●	●
	Low-Noise Operation (Outdoor Unit)	-	●	-	●	●	●	●	●	-	●
	Ampere Limit Adjustment	-	-	-	-	-	-	-	-	-	-
	Operation Lock	-	-	-	-	-	-	-	-	-	-
System Control	PAR-40MAA-J Control *1	○	○	○	○	○	○	○	○	○	○
	PAC-YT52CRA Control *1	○	○	○	○	○	○	○	○	○	○
	Centraliesd On/Off Control *1	○	○	○	○	○	○	○	○	○	○
	System Group Control *1	○	○	○	○	○	○	○	○	○	○
	M-NET Connection *1	○	○	○	○	○	○	○	○	○	○
Installation	Cleaning-free Pipe Reuse	●	●	●	●	●	●	●	●	●	●
	Reuse of Existing Wiring	-	○	-	○	○	○	○	○	-	○
	Wiring/Piping Correction Function	-	-	-	-	-	-	-	-	-	-
	Drain Pump	●	●	●	●	-	-	-	○	○	○
	Pump Down Switch	-	●	-	●	●	●	●	●	-	●
	Flare Connection	●	●	●	●	●	●	●	●	●	●
Maintenance	Self-Diagnosis Function (Check Code Display)	●	●	●	●	●	●	●	●	●	●
	Failure Recall Function	●	●	●	●	●	●	●	●	●	●

*1 Please refer to "System .Control" on pages 16 and 17 for details.
* If a numerical figure is listed, the feature is only available with the outdoor unit of that capacity.

SPECIFICATIONS

4-way Ceiling Cassette (PLA Series)

Indoor Unit				PLA-M71EA-A		PLA-M100EA-A		PLA-M125EA-A		PLA-M140EA-A	
Outdoor Unit				SUZ-KA71VAD2	PUZ-ZM71VHA-A	PUZ-ZM100VKA-A	PUZ-ZM100YKA-A	PUZ-ZM125VKA-A	PUZ-ZM125YKA-A	PUZ-ZM140VKA-A	PUZ-ZM140YKA-A
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 - 13.5 - 15.3	6.2 - 13.5 - 15.3
	Total Input [Rated]		(kW)	2.07	1.78	2.43	3.06	3.55	3.55	3.93	3.93
	AEER/EER			3.39 / 3.43	3.77 / 3.98	3.95 / 4.11	3.11 / 3.26	3.42 / 3.52	3.37 / 3.52	3.34 / 3.43	3.30 / 3.43
	AEER [Part-load %] *1			-	-	-	4.40	-	-	-	-
	Running Current [Rated]		A	9.28	8.10	11.10	5.10	16.60	5.50	18.07	6.40
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	28 - 30 - 32 - 34	28 - 30 - 32 - 34	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44	33 - 37 - 41 - 44	36 - 39 - 42 - 44	36 - 39 - 42 - 44
		Out (PWL)		55 (69)	47 (67)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)	50 (70)
	Air Volume (In) Lo-Mid-Hi		L/S	267-283-317-350	267-283-317-350	317-383-433-483	317-383-433-483	350-417-467-517	350-417-467-517	400-433-483-533	400-433-483-533
Heating	Capacity [Min-Rated-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	5.0 - 14.0 - 16.0	5.0 - 14.0 - 16.0	5.7 - 16.0 - 18.0	5.7 - 16.0 - 18.0
	Total Input [Rated]		(kW)	2.19	2.03	2.94	3.05	3.58	3.58	4.48	4.48
	ACOP/COP			3.61 / 3.65	3.75 / 3.94	3.68 / 3.80	3.50 / 3.67	3.80 / 3.91	3.75 / 3.91	3.49 / 3.57	3.45 / 3.57
	ACOP [Part-load %] *1			-	-	-	-	-	-	-	-
	Running Current [Rated]		(mm)	9.82	9.89	14.02	5.10	16.30	5.90	21.14	7.20
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	28 - 30 - 32 - 34	28 - 30 - 32 - 34	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44	33 - 37 - 41 - 44	36 - 39 - 42 - 44	36 - 39 - 42 - 44
		Out (PWL)	dB(A)	55 (68)	51 (70)	51 (69)	52 (70)	52 (70)	52 (70)	52 (71)	52 (71)
	Air Volume (In) Lo-Mid-Hi			267-283-317-350	267-283-317-350	317-838-433-483	317-383-433-483	350-417-467-517	350-417-467-517	400-433-483-533	400-433-483-533
Max. Running Current			A	16.00	19.27	27.96	11.96	28.16	12.16	29.16	12.16
Indoor Unit	Input [Rated]		kW	0.04	0.04	0.07	0.07	0.10	0.10	0.10	0.10
	Dimensions [HxWxD]		mm	258 x 840 x 840		298 x 840 x 840					
	Panel [HxWxD]		mm	40 x 950 x 950							
	Weight [Panel]		kg	21 (5)		24 (5)		27 (5)			
Outdoor Unit	Dimensions [HxWxD]		mm	880 x 840 x 330	943x950x300(+25)	1338 x 1050 x 330 (+40)					
	Weight		kg	54	70	113	114	113	114	113	114
	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						

*1 MEPS compliant at part load.

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

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

(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 *3	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
	ACOP [Part-load %] *1			-	-	-	-	-	-	-	-
	Running Current [Rated]		(mm)	10.08	8.80	12.70	5.10	16.00	6.20	18.80	7.10
	Sound Pressure Level *3	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						

*1 MEPS compliant at part load.

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

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

(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 *4	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
	ACOP [Part-load %] *1			-	-	-	-	-	-	-	-	4.65	-
	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 *4	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

*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.

*4 Sound pressure level for PEA-M125/140 are measured in anechoic chamber at ESP50 Pa at 1m.
Sound pressure level or PEA-RP170/200WHA/250WHA are measured in anechoic chamber at ESP150 Pa at 1m.

(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 (PCA Series)														
Indoor Unit				PCA-M50KA	PCA-M60KA	PCA-M71KA		PCA-M100KA		PCA-M125KA		PCA-M140KA	
Outdoor Unit				SUZ-KA 50VAD2	SUZ-KA 60VAD2	SUZ-KA 71VAD2	PUZ-ZM 71VHA	PUZ-ZM 100VKA	PUZ-ZM 100YKA	PUZ-ZM 125VKA	PUZ-ZM 125YKA	PUZ-ZM 140VKA	PUZ-ZM 140YKA
Refrigerant				R410A			R32						
				V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz									
Cooling	Capacity [Min-Rated-Max]		(kW)	2.3 - 5.0 - 5.6	2.3 - 6.0 - 6.3	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	6.2-13.5-15.3	6.2-13.5-15.3
	Total Input [Rated]		(kW)	1.40	1.60	2.06	1.82	2.55	3.08	3.77	3.77	4.15	4.15
	AEER/EER			3.50 / 3.57	3.69 / 3.75	3.40 / 3.45	3.69 / 3.90	3.77 / 3.92	3.09 / 3.24	3.22 / 3.31	3.18 / 3.31	3.17 / 3.25	3.14 / 3.25
	AEER [Part-load %] *1			-	-	-	-	-	4.22	-	3.66	4.23	4.12
	Running Current [Rated]		A	6.48	7.40	9.43	8.30	11.60	5.20	17.12	6.20	18.07	6.70
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	32-34-37-40	33-35-37-40	35-37-39-41	35-37-39-41	37 - 39 - 41 - 43		39 - 41 - 43 - 45		41 - 43 - 45 - 48	
		Out (PWL)		52 (65)	55 (65)	55 (69)	47 (67)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)	50 (70)
	Air Volume (In) Lo-Mid-Hi		L/S	167-183-217-250	250-267-283-317	267-283-300-333	267-283-300-333	367 - 400 - 433 - 467		383 - 417 - 450 - 483		400 - 433 - 483 - 533	
Heating	Capacity [Min-Rated-Max]		(kW)	1.7 - 6.0 - 6.6	2.5 - 7.0 - 8.0	2.6 - 8.0 - 10.2	3.5 - 8.0 - 10.2	4.5-11.2-14.0	4.5-11.2-14.0	5.0-14.0-16.0	5.0-14.0-16.0	5.7-16.0-18.0	5.7-16.0-18.0
	Total Input [Rated]		(kW)	1.68	1.84	2.27	2.15	3.28	3.28	4.22	4.22	4.72	4.72
	ACOP/COP			3.51 / 3.57	3.76 / 3.80	3.48 / 3.52	3.55 / 3.72	3.31 / 3.41	3.41 / 3.26	3.23 / 3.31	3.20 / 3.31	3.31 / 3.38	3.28 / 3.38
	ACOP [Part-load %] *1			-	-	-	-	-	-	-	-	-	-
	Running Current [Rated]		(mm)	7.69	8.42	10.39	10.06	14.30	5.10	19.46	7.10	21.40	7.90
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	32-34-37-40	33-35-37-40	35-37-39-41	35-37-39-41	37 - 39 - 41 - 43		39 - 41 - 43 - 45		41 - 43 - 45 - 48	
		Out (PWL)	dB(A)	52 (66)	55 (68)	55 (68)	51 (70)	51 (69)	52 (70)	52 (70)	52 (70)	52 (71)	52 (71)
	Air Volume (In) Lo-Mid-Hi			167-183-217-250	250-267-283-317	267-283-300-333	267-283-300-333	367 - 400 - 433 - 467		383 - 417 - 450 - 483		400 - 433 - 483 - 533	
Max. Running Current			A	12.00	14.00	16.00	19.42	28.15	12.15	28.26	12.26	29.40	12.40
Indoor Unit	Input [Rated]		kW	0.05	0.06	0.06	0.06	0.09		0.11		0.14	
	Dimensions [HxWxD]		mm	230×960×680	230×1280×680			230×1600×680					
	Weight		kg	26	32	32	32	37		38		40	
Outdoor Unit	Dimensions [HxWxD]		mm	880×840×330			943×950×330 (+25)	1338×1050×330 (+40)					
	Weight		kg	51	51	54	70	113	114	113	114	113	114
	Breaker Size		A	20	20	20	25	32	16	32	16	40	16
Ext. Piping	Diameter [Gas/Liquid]		mm	12.7 / 6.35	15.88 / 6.35	15.88 / 9.52							
	Max. Length/Height		m	30 / 30	30 / 30	30 / 30	50 / 30	75 / 30					
Guaranteed Operating Range [Outdoor]		Cooling *2	°C	-15 ~ 52			-5 (-15) ~ 52						
		Heating	°C	-15 ~ 24			-20 ~ 21						

*1 MEPS compliant at part load.

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

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

(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 (PKA Series)						
Indoor Unit				PKA-M71KAL	PKA-M100KAL	
Outdoor Unit				PUZ-ZM71VHA	PUZ-ZM100VKA	PUZ-ZM100YKA
Refrigerant				R32		
Power Supply				V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz		
Cooling	Capacity [Min-Rated-Max]		(kW)	3.3 - 7.1 - 8.1	4.9 - 10.0 - 11.4	4.9 - 10.0 - 11.4
	Total Input [Rated]		(kW)	1.86	2.81	3.14
	AEER/EER			3.61 / 3.81	3.43 / 3.55	3.04 / 3.18
	AEER [Part-load %] *1			-	-	4.22
	Running Current [Rated]		A	9.48	13.21	5.60
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	39 - 42 - 45	41 - 45 - 49	
		Out (PWL)		47 (67)	49 (69)	50 (70)
	Air Volume (In) Lo-Mid-Hi		L/S	300 - 333 - 367	333 - 383 - 433	
Heating	Capacity [Min-Rated-Max]		(kW)	3.5 - 8.0 - 10.2	4.5 - 11.2 - 14.0	4.5 - 11.2 - 14.0
	Total Input [Rated]		(kW)	2.12	3.10	3.35
	ACOP/COP			3.60 / 3.77	3.49 / 3.61	3.20 / 3.34
	ACOP [Part-load %] *1			-	-	-
	Running Current [Rated]		(mm)	10.00	14.08	5.60
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	39 - 42 - 45	41 - 45 - 49	
		Out (PWL)	dB(A)	51 (70)	51 (69)	52 (70)
	Air Volume (In) Lo-Mid-Hi			300 - 333 - 367	333 - 383 - 433	
Max. Running Current			A	19.43	28.07	12.07
Indoor Unit	Input [Rated]		kW	0.06	0.08	
	Dimensions [HxWxD]		mm	365 × 1170 × 295		
	Weight		kg	21		
Outdoor Unit	Dimensions [HxWxD]		mm	943 × 950 × 330 (+25)	1338 × 1050 × 330 (+40)	
	Weight		kg	70	113	114
	Breaker Size		A	25	32	16
Ext. Piping	Diameter [Gas/Liquid]		mm	15.88 / 9.52		
	Max. Length/Height		m	50 / 30	75 / 30	
Guaranteed Operating Range [Outdoor]	Cooling *2		°C	-5 (-15) ~ 52		
	Heating		°C	-20 ~ 21		

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

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

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

(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

4-way Cassette (SLZ Series)							
Indoor Unit				SLZ-KF25VA3	SLZ-KF35VA3	SLZ-KF50VA3	SLZ-KF60VA3
Outdoor Unit				SUZ-KA 25VAD2	SUZ-KA 35VAD2	SUZ-KA 50VAD2	SUZ-KA 60VAD2
Refrigerant				R410A			
Power Supply				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 - 5.2	2.3 - 5.6 - 6.5
	Total Input [Rated]		(kW)	0.65	0.95	1.53	1.75
	AEER/EER			3.73 / 3.85	3.61 / 3.68	3.21 / 3.27	3.16 / 3.20
	Star Rating			3.0	2.5	2.0	1.5
	AEER [Part-load %] *1			-	4.94	4.48	4.41
	Running Current [Rated]		A	3.25	4.59	7.00	8.09
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39	32 - 40 - 43
		Out (PWL)		46 (58)	49 (62)	52 (65)	55 (65)
	Air Volume (In) Lo-Mid-Hi		L/S	108 - 125 - 142	108 - 150 - 192	117 - 150 - 192	125 - 192 - 217
Heating	Capacity [Min-Rated-Max]		(kW)	1.3 - 3.0 - 4.5	1.7 - 4.0 - 5.0	1.7 - 5.0 - 6.5	2.5 - 6.0 - 7.4
	Total Input [Rated]		(kW)	0.78	1.08	1.58	1.88
	ACOP/COP			3.75 / 3.85	3.63 / 3.70	3.11 / 3.16	3.15 / 3.19
	Star Rating			3.0	3.0	2.0	1.5
	ACOP [Part-load %] *1			-	4.92	4.43	4.47
	Running Current [Rated]		(mm)	3.77	5.05	7.16	8.60
	Sound Pressure Level *3	In (Lo-Mid-Hi)	dB(A)	25 - 28 - 31	25 - 33 - 39	27 - 34 - 39	32 - 40 - 43
		Out (PWL)	dB(A)	46 (62)	50 (63)	52 (66)	55 (68)
	Air Volume (In) Lo-Mid-Hi			108 - 125 - 142	108 - 150 - 192	117 - 150 - 192	125 - 192 - 217
Max. Running Current			A	7.20	8.20	12.32	14.43
Indoor Unit	Input [Rated]		kW	0.02	0.03	0.03	0.04
	Dimensions [HxWxD]		mm	245×570×570			
	Panel Dimensions [HxWxD]		mm	10 × 625 × 625			
	Weight [Panel]		kg	15 (3)			
	Static Pressure		Pa	-			
Outdoor Unit	Dimensions [HxWxD]		mm	550×800×285		880×840×330	
	Weight		kg	31	35	51	51
	Max. Running Current		A	7	8.2	12	14
	Breaker Size		A	10	10	20	20
Ext. Piping	Diameter [Gas/Liquid]		mm	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35	15.88 / 6.35
	Max. Length/Height		m	20 / 12	20 / 12	30 / 30	30 / 30
Guaranteed Operating Range [Outdoor]	Cooling *2		°C	-10 ~ 46		-15 ~ 52	
	Heating		°C	-10 ~ 24		-15 ~ 24	

*1 MEPS compliant at part load.

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

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

(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

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
	Star Rating			-	-	-	-	-
	AEER [Part-load %] *1			-	-	-	-	4.24
	Running Current [Rated]		A	3.64	5.02	6.76	8.36	10.82
	Sound Pressure Level *3	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			3.57 / 3.66	3.45 / 3.51	3.32 / 3.37	3.34 / 3.38	3.44 / 3.48
	Star Rating			-	-	-	-	-
	ACOP [Part-load %] *1			-	-	-	-	-
	Running Current [Rated]		(mm)	4.01	5.51	8.41	9.68	10.87
	Sound Pressure Level *3	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		

*1 MEPS compliant at part load.

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

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

(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.

OPTIONAL PARTS

Outdoor Units

Option / Indoor Unit		Joint Pipe		Liquid Ref. Dryer	Air Outlet Guide					Air Protection Guide		Drain Socket	Centralised Drain Pan		M-NET Con-verter	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	●		●					●		●	●		●	●	●

OPTIONAL PARTS

Indoor Units

Indoor Unit \ Option			Filter							3D i-see Sensor Corner Panel		Shutter Plate	Multi-functional Case-ment	Fresh-air Intake Duct Flange		Space Panel	Drain Pump		
			High-Efficiency Filter Element				Filter Box												
			PAC- SH59 KF-E	PAC- SH88 KF-E	PAC- SH89 KF-E	PAC- SH90 KF-E	PAC- KE93TB-E	PAC- KE94TB-E	PAC- KE95TB-E	PAC-SF1ME-E	PAC-SE1ME-E	PAC- SJ37 SP-E	PAC-SJ41TM-E	PAC- SH65 OF-E	PAC- SH28 OF-E	PAC- SJ65 AS-E	PAC- SH94 DM-E	PAC- SJ92 DM-E	PAC- SJ93 DM-E
S Series	Ceiling Cassette	SLZ-KF25VA3								●									
		SLZ-KF35VA3								●									
		SLZ-KF50VA3								●									
		SLZ-KF60VA3								●									
	Ceiling Concealed	SEZ-KD25VAQ(L)																	
		SEZ-KD35VAQ(L)																	
		SEZ-KD50VAQ(L)																	
		SEZ-KD60VAQ(L)																	
		SEZ-KD71VAQ(L)																	
P Series	4-Way Cassette	PLA-M71EA-A	●								●	●	●	●		●			
		PLA-M100EA-A	●								●	●	●	●		●			
		PLA-M125EA-A	●								●	●	●	●		●			
		PLA-M140EA-A	●								●	●	●	●		●			
	Ceiling Concealed	PEAD-M71JAAD					●												
		PEAD-M100JAAD						●											
		PEAD-M125JAAD						●											
		PEAD-M140JAAD							●										
		PEA-M100GAA																	
		PEA-M125GAA																	
		PEA-M140GAA																	
		PEA-RP170WJA																	
		PEA-RP200WJA																	
		PEA-RP250WHA																	
	Wall-Mounted	PKA-M71KAL															●		
		PKA-M100KAL															●		
	Ceiling Suspended	PCA-M50KA		●														●	
		PCA-M60KA			●														
		PCA-M71KA			●														●
		PCA-M100KA				●													●
		PCA-M125KA				●													●
		PCA-M140KA				●													●

*1 MAC-334IF-E or MAC-397IF-E is required.

*2 PAC-SH29TC-E is required.

*3 Group control cannot be used.

*4 Unable to use with wireless remote controller.

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		Terminal Block Kit for PKA	Signal Sender	Wireless Remote Controller	Signal Receiver			Controller Kit (Sender & Receiver)				
PAC- SJ94 DM-E	PAC- KE07 DM-E	MAC-334IF-E	MAC-397IF-E	MAC-568IF-E	PAC- SG94 HR-E	PAC- SG96 HR-E	PAC- SG97 HR-E	PAC-SJ39 HR-E	PAR- 40MA	PAC-YT52 CRA	PAC- SH29 TC-E	PAR- SL97A-E	PAR- SL100 A-E	PAR-SA9CA-E	PAR-SF9FA	PAR-SE9FA-E	PAR-SL94B-E	PAC-SE41TS-E	PAC- SE55 RA-E	PAC- SF40 RM-E	PAC-SA88HA-E
		●	●	●					●	●		●	●*3		●			●	●	●*4	●
		●	●	●					●	●		●	●*3		●			●	●	●*4	●
		●	●	●					●	●		●	●*3		●			●	●	●*4	●
		●	●	●					●	●		●	●*3		●			●	●	●*4	●
	●	●	●	●					●*2	●*2		●		●				●	●	●*4	●
	●	●	●	●					●*2	●*2		●		●				●	●	●*4	●
	●	●	●	●					●*2	●*2		●		●				●	●	●*4	●
	●	●	●	●					●*2	●*2		●		●				●	●	●*4	●
	●	●	●	●					●*2	●*2		●		●				●	●	●*4	●
		●*1	●*1	●				●	●	●		●	●*3			●		●	●	●*4	●
				●				●	●	●		●	●*3			●		●	●	●*4	●
				●				●	●	●		●	●*3			●		●	●	●*4	●
				●				●	●	●		●	●*3			●		●	●	●*4	●
		●*1	●*1	●			●		●	●		●		●				●	●	●*4	●
				●			●		●	●		●		●				●	●	●*4	●
				●			●		●	●		●		●				●	●	●*4	●
				●			●		●	●		●		●				●	●	●*4	●
				●			●		●	●		●		●				●	●	●*4	●
				●			●		●	●		●		●				●	●	●*4	●
				●			●		●	●		●		●				●	●	●*4	●
				●					●	●		●		●				●	●	●*4	●
				●					●	●		●		●				●	●	●*4	●
				●					●	●								●	●	●*4	●
		●*1	●*1	●	●				●*2	●*2	●	●						●	●		●
				●	●				●*2	●*2	●	●						●	●		●
		●*1	●*1	●		●			●	●		●					●	●	●	●*4	●
●		●*1	●*1	●		●			●	●		●					●	●	●	●*4	●
		●*1	●*1	●		●			●	●		●					●	●	●	●*4	●
				●		●			●	●		●					●	●	●	●*4	●
				●		●			●	●		●					●	●	●	●*4	●
				●		●			●	●		●					●	●	●	●*4	●

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