

PCA-KA SERIES

R32
R410A

PCA-M35/50/60/71/100/125/140KA



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

PCA-HA SERIES

R410A

PCA-RP71HAQ



Standard features include a strong carbon-black stainless steel body and built-in oil mist filter to prevent oil from getting into the unit providing a comfortable air conditioning environment in kitchens that use open-flame cooking.

Stylish Indoor Unit Design

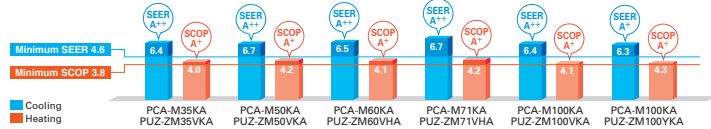
A stylish square-like design is adopted for the indoor units of all models. As a result, the units blend in better with the ceiling.



PCA-KA

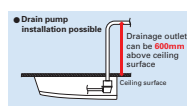
ErP Lot 10 Compliant with High Energy-efficiency Achieving SEER/SCOP Rank A, A+ and A++

A direct-current (DC) fan motor is installed in the indoor unit, increasing the seasonal energy efficiency of newly designed Power Inverter series (PUHZ-ZM) and resulting in the full capacity models comply ErP Lot 10 with energy ranking A+/A++ for cooling and A/A+ for heating. This contribute to an impressive reduction in the cost of annual electricity.



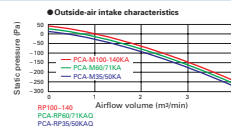
Optional Drain Pump for Full-capacity Models

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



Outside-air Intake

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



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, the airflow speed is decreased automatically for stable comfortable heating/cooling operation.



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 optimize the breezy sensation felt throughout the room.

Capacity	High ceiling	Standard ceiling	Low ceiling
35	3.5m	2.7m	2.5m
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

Tough on Oily Smoke

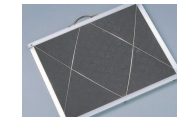
A durable stainless steel casing that is resistant to oil and grease is provided to protect the surface of the body. Grimy dirt and stains are removed easily, enabling the unit to be kept clean at all times.

High-performance Oil Mist Filter

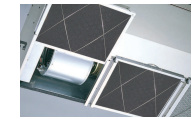
A high-performance heavy-duty oil mist filter is included as standard equipment. The filtering system is more efficient than conventional filters, thereby effectively reducing the oily smoke entering the air conditioner. The filter is disposable, thereby enabling trouble-free cleaning and maintenance.

Oil Mist Filter Cleaning

When used in kitchens, the oil mist filter should be replaced once every two months. The system comes with 12 filters elements. After these have been used, optional elements (PAC-SG38KF-E) can be purchased.



Oil mist filter



Pull the handle to easily slide the filter out

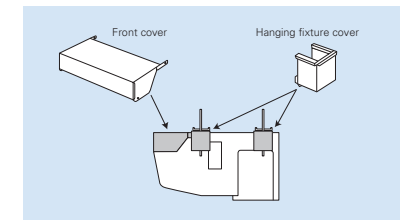
Easy Maintenance – Even for Cleaning the Fan

A separate fan casing that can be disassembled in sections is adopted to ensure easy fan cleaning. Drain pan cleaning onsite is also no problem owing to the use of a pipe connector that is easily removed.



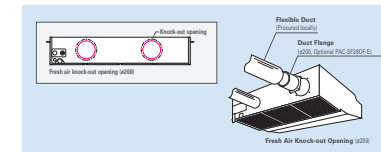
Cosmetic Front and Hanging Fixture Covers (Option)

Cosmetic covers are available to prevent the collection of dust and grime on the main body and hanging fixture sections.



Fresh Outside-air Intake (Option)

There is a knock-out opening on the rear panel of the unit that can be used to bring fresh air into the unit. This helps to improve ventilation and make the kitchen comfortable.




Notes: 1) A fresh-air duct flange is required (sold separately)
2) Intake air is not 100% fresh (outside) air.

SERIES SELECTION

Eco-conscious Power Inverter Series

Indoor Unit

R32
R410A




PCA-M35/50/60/71/100/125/140KA

Outdoor Unit

R32


For Single



PUZ-ZM35/50 PUZ-ZM60/71 PUZ-ZM100/125/140


R32

For Multi



PUZ-ZM71 PUZ-ZM100/125/140

Remote Controller



Optional Optional Optional

PCZ-M KA Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																					
	For Single				For Twin				For Triple				For Quadruple									
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250	200	250
Power Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	--	--	35x2	50x2	60x2	71x2	--	--	50x3	--	--	--	--	--	--
Distribution Pipe	--	--	--	--	--	--	--	--	--	MSDD-50TR2-E	--	--	--	--	--	MSDT-111R2-E	--	--	--	--	--	--

PCZ-M KA SERIES



Type	Inverter Heat Pump																	
	PCA-M35KA			PCA-M60KA			PCA-M71KA			PCA-M100KA			PCA-M125KA			PCA-M140KA		
Indoor Unit	PCA-M35KA			PCA-M60KA			PCA-M71KA			PCA-M100KA			PCA-M125KA			PCA-M140KA		
Outdoor Unit	PUZ-ZM35VKA			PUZ-ZM60VKA			PUZ-ZM71VKA			PUZ-ZM100VKA			PUZ-ZM125VKA			PUZ-ZM140VKA		
Refrigerant	R32																	
Power Supply	Outdoor power supply																	
Cooling	Capacity	VKA • VHA 230 / Single / 50 • VKA400 / Three / 50																
	Rated	kW																
	Min. - Max.	kW																
	Total Input	kW																
Heating (Average Season)	Capacity	kW																
	Rated	kW																
	Min. - Max.	kW																
	Total Input	kW																
Operating Current (max)	Input	A																
	Rated	A																
	Operating Current (max)	A																
	Dimensions <Panel>	mm																
	Weight <Panel>	kg																
	Air Volume (Lo-Mid-Mi-Hi)	m³/min																
	Sound Level (SPL) (Lo-Mid-Mi-Hi)	dB(A)																
	Sound Level (PWL)	dB(A)																
	Dimensions	mm																
	Weight	kg																
	Air Volume	m³/min																
	Sound Level (SPL)	dB(A)																
Sound Level (PWL)	dB(A)																	
Operating Current (max)	A																	
Breaker Size	A																	
Diameter	mm																	
Max. Length	m																	
Max. Height	m																	
Guaranteed Operating Range	°C																	
[Outdoor]	°C																	

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP. If leaked to the atmosphere, this appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid were leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂ over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
 The GWP of R32 is 675 in the IPCC-4th Assessment Report.
 *2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
 *3 Optional air protection guide is required where ambient temperature is lower than -5°C.

PCZ-RP HA SERIES POWER INVERTER



Type		Inverter Heat Pump		
Indoor Unit		PCA1P1140		
Outdoor Unit		PUHZ-RP71VHA2		
Refrigerant		R410A*		
Power Source		Outdoor power supply		
Supply		230 / Single / 50		
Cooling	Capacity	Rated	kW	
		Min - Max	kW	
	Total Input	Rated	kW	
	EER			
	EEL Rank			
	Design Load	Rated	kW	
	Annual Electricity Consumption**		kWh/a	
	SEER			
	Energy Efficiency Class			
		Rated	kW	
Heating (Average Season)	Capacity	Rated	kW	
		Min - Max	kW	
	Total Input	Rated	kW	
	COP			
	EEL Rank			
	Design Load	Rated	kW	
	Declared Capacity	at reference design temperature	kW	
		at design temperature	kW	
		at operation limit temperature	kW	
	Back Up Heating Capacity		kW	
Annual Electricity Consumption**		kWh/a		
SCOP				
Energy Efficiency Class				
Operating Current (max)			A	
Indoor Unit	Input	Rated	kW	
	Operating Current (max)		A	
	Dimensions -Panel	H x W x D	mm	
	Weight -Panel		kg	
	Air Volume (Lo-Hi)		m ³ /min	
	Sound Level (SPL) (Lo-Hi)		dB(A)	
	Sound Level (PWL)		dB(A)	
	Dimensions	H x W x D	mm	
	Weight		kg	
	Air Volume	Cooling	m ³ /min	
	Heating	m ³ /min		
Sound Level (SPL)	Cooling	dB(A)		
	Heating	dB(A)		
Sound Level (PWL)	Cooling	dB(A)		
	Heating	dB(A)		
Operating Current (max)		A		
Breaker Size		A		
Exit Piping	Diameter	Liquid / Gas	mm	
	Max. Length	Outdoor	m	
	Max. Height	Outdoor	m	
Guaranteed Operating Range (Outdoor)	Cooling**		°C	
	Heating		°C	

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂ over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
 ** The GWP of R410A is 2088 in the IPCC 4th Assessment Report.
 **2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
 **3 Optional air protection guide is required where ambient temperature is lower than -5°C.

PSA SERIES R410A

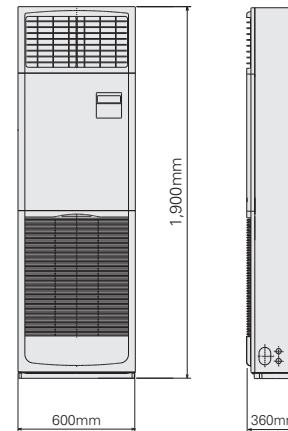
Installation of this floor-standing series is easy and quick.
An excellent choice when there is a sudden need for an air conditioner to be installed.



Quick and Easy Installation, Space-saving and Design That Compliments Any Interior

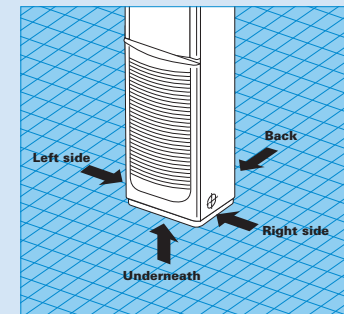
The floor-standing indoor unit is mounted on the floor, enabling quick installation. Its compact body requires only minimal space.

PSA-RP71KA



4-way pipe work connections enable greater freedom in installation

Remarkable freedom in choosing installation sites is allowed by providing piping connection to the indoor unit in four places: left side, back, from underneath and on the right side of the unit. Even installation in the corner of a room is easy.



Built-in Remote Controller

Easy Operation with Built-in PAR-21MAA Remote Controller
Icon, letter and number visibility are improved with the adoption of a dot liquid-crystal display (LCD), and operation management functions have been increased.

Main Functions

- Multi-language Display
- Limited Temperature Range Setting
- Auto-off Timer
- Operation Lock
- Weekly Timer

