

PCA-KA SERIES

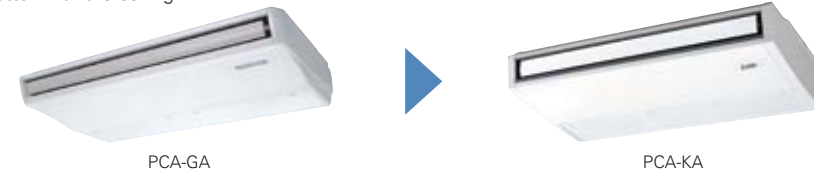
PCA-RP50/60/71/100/125/140



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.

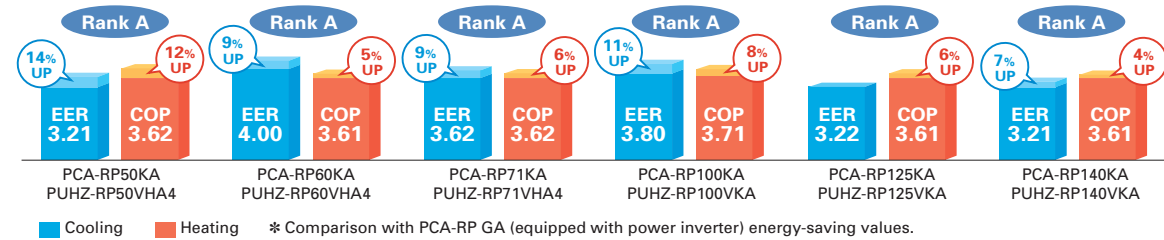
Stylish Indoor Unit Design

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.



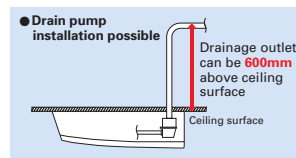
"Rank A" Energy Savings Achieved for Range of Full-capacity Models

A direct-current (DC) fan motor is installed in the indoor unit, increasing the energy-saving efficiency of this power inverter series and resulting in the full-capacity models achieving a "Rank A" energy savings rating. This contributes to an impressive reduction in the cost of electricity.



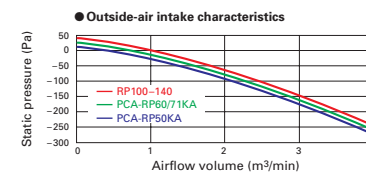
Optional Drain Pump for Full-capacity Models

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



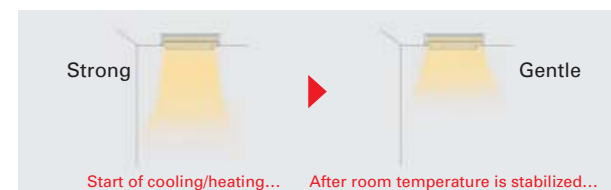
Outside-air Intake

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	50	60	71	100	125	140	200	250
50	3.5m	3.5m	3.5m	2.7m	2.7m	2.7m	2.5m	2.5m	2.5m
60	3.5m	3.5m	3.5m	2.7m	2.7m	2.7m	2.5m	2.5m	2.5m
71	3.5m	3.5m	3.5m	2.7m	2.7m	2.7m	2.5m	2.5m	2.5m
100	4.2m	4.2m	4.2m	3.0m	3.0m	3.0m	2.6m	2.6m	2.6m
125	4.2m	4.2m	4.2m	3.0m	3.0m	3.0m	2.6m	2.6m	2.6m
140	4.2m	4.2m	4.2m	3.0m	3.0m	3.0m	2.6m	2.6m	2.6m

SERIES SELECTION

Power Inverter Series

Indoor Unit PCA-RP50/60/71/100/125/140	Outdoor Unit For Single PUHZ-RP50 PUHZ-RP60/71 PUHZ-RP100/125/140	Remote Controller Optional
	For Multi (Twin/Triple/Quadruple) PUHZ-RP100/125/140/200/250	Optional

Standard Inverter Series

Indoor Unit PCA-RP50/60/71/100/125/140	Outdoor Unit For Single SUZ-KA50/60/71 PUHZ-P100 PUHZ-P125/140	Remote Controller Optional
	For Multi (Twin/Triple/Quadruple) PUHZ-P100 PUHZ-P125/140/200/250	Optional

Fixed-speed Series (Heat pump)

Indoor Unit PCA-RP50/60/71/100/125/140	Outdoor Unit For Single PUH-P71/100 PUH-P125/140	Remote Controller Optional
	For Multi (Twin/Triple) PUH-P71/100 PUH-P125/140	Optional

Fixed-speed Series (Cooling only)

Indoor Unit PCA-RP50/60/71/100/125/140	Outdoor Unit For Single PU-P71/100 PU-P125/140	Remote Controller Optional
	For Multi (Twin/Triple) PU-P71/100 PU-P125/140	Optional

PCZ-RP 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
Power Inverter (PUHZ-RP)	-	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	-	MSDD-50TR-E	MSDD-50WR-E	MSDT-111R-E	MSDF-111R-E	MSDF-111R-E	MSDF-111R-E	MSDF-111R-E
Standard Inverter (PUHZ-P&SUZ)	-	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	-	MSDD-50TR-E	MSDD-50WR-E	MSDT-111R-E	MSDF-111R-E	MSDF-111R-E	MSDF-111R-E	MSDF-111R-E
Fixed-speed (PUH-P&PU-P)	-	-	-	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	-	-	50x3	-	-	-	-
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	-	MSDD-50TR-E	-	MSDT-111R-E	-	-	-	-

PCZ-RP KA SERIES
POWER INVERTER



Type		Inverter Heat Pump											
Indoor Unit		PCA-RP50KA	PCA-RP60KA	PCA-RP71KA	PCA-RP100KA	PCA-RP125KA	PCA-RP140KA						
Outdoor Unit		PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA			
Power Supply		Outdoor power supply											
Outdoor (V/Phase/Hz)		VHA • VKA:230 / Single / 50, YKA:400 / Three / 50											
Indoor (V/Phase/Hz)		-											
Cooling	Capacity	Rated	kW										
		Min - Max	kW										
	Total Input	Rated	kW										
	EER												
Heating	Capacity	Rated	kW										
		Min - Max	kW										
	Total Input	Rated	kW										
	COP												
Operating Current (max)			A										
Indoor Unit	Input	Rated	kW										
	Operating Current (max)		A										
	Dimensions	H x W x D	mm										
	Weight		kg										
	Air Volume [Lo-Mi2-Mi-Hi]		m ³ /min										
	External Static Pressure		Pa										
	Sound Level [Lo-Mi2-Mi-Hi]		dB(A)										
	Breaker Size		A										
	Outdoor Unit	Dimensions	H x W x D	mm									
		Weight		kg									
Air Volume		Cooling	Rated	m ³ /min									
		Heating	Rated	m ³ /min									
Sound Level		Cooling - Silent	Rated	dB(A)									
		Heating	Rated	dB(A)									
Operating Current (max)			A										
Breaker Size			A										
Ext. Piping		Diameter	Liquid / Gas	mm									
		Max. Length	Out-In	m									
	Max. Height	Out-In	m										
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5 ~ +46										
	Heating	°C	-11 ~ +21										

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15°C is possible.

PCZ-P KA SERIES
STANDARD INVERTER



Type		Inverter Heat Pump							
Indoor Unit		PCA-RP50KA	PCA-RP60KA	PCA-RP71KA	PCA-RP100KA	PCA-RP125KA	PCA-RP140KA		
Outdoor Unit		SUZ-KA50VA	SUZ-KA60KA	SUZ-KA71VA	PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3		
Power Supply		Outdoor power supply							
Outdoor (V/Phase/Hz)		230 / Single / 50							
Indoor (V/Phase/Hz)		-							
Cooling	Capacity	Rated	kW						
		Min - Max	kW						
	Total Input	Rated	kW						
	EER								
Heating	Capacity	Rated	kW						
		Min - Max	kW						
	Total Input	Rated	kW						
	COP								
Operating Current (max)			A						
Indoor Unit	Input	Rated	kW						
	Operating Current (max)		A						
	Dimensions	H x W x D	mm						
	Weight		kg						
	Air Volume [Lo-Mi2-Mi-Hi]		m ³ /min						
	External Static Pressure		Pa						
	Sound Level [Lo-Mi2-Mi-Hi]		dB(A)						
	Breaker Size		A						
	Outdoor Unit	Dimensions	H x W x D	mm					
		Weight		kg					
Air Volume		Cooling	Rated	m ³ /min					
		Heating	Rated	m ³ /min					
Sound Level		Cooling - Silent	Rated	dB(A)					
		Heating	Rated	dB(A)					
Operating Current (max)			A						
Breaker Size			A						
Ext. Piping		Diameter	Liquid / Gas	mm					
		Max. Length	Out-In	m					
	Max. Height	Out-In	m						
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-15 ~ +43						
	Heating	°C	-10 ~ +24						

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15°C is possible.

PCH-P KA SERIES
FIXED - SPEED



Type		Fixed - Speed							
Indoor Unit		PCA-RP71KA		PCA-RP100KA		PCA-RP125KA	PCA-RP140KA		
Outdoor Unit		PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA	PUH-P125YHA	PUH-P140YHA		
Power Supply		Outdoor power supply							
Outdoor (V/Phase/Hz)		VHA:230 / Single / 50, YHA:400 / Three / 50							
Indoor (V/Phase/Hz)		-							
Cooling	Capacity	Rated	kW						
		Min - Max	kW						
	Total Input	Rated	kW						
	EER								
Heating	Capacity	Rated	kW						
		Min - Max	kW						
	Total Input	Rated	kW						
	COP								
Operating Current (max)			A						
Indoor Unit	Input	Rated	kW						
	Operating Current (max)		A						
	Dimensions	H x W x D	mm						
	Weight		kg						
	Air Volume [Lo-Mi2-Mi-Hi]		m ³ /min						
	External Static Pressure		Pa						
	Sound Level [Lo-Mi2-Mi-Hi]		dB(A)						
	Breaker Size		A						
	Outdoor Unit	Dimensions	H x W x D	mm					
		Weight		kg					
Air Volume		Cooling	Rated	m ³ /min					
		Heating	Rated	m ³ /min					
Sound Level		Cooling	Rated	dB(A)					
		Heating	Rated	dB(A)					
Operating Current (max)			A						
Breaker Size			A						
Ext. Piping		Diameter	Liquid / Gas	mm					
		Max. Length	Out-In	m					
	Max. Height	Out-In	m						
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5 ~ +46						
	Heating	°C	-11 ~ +24						

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15°C is possible.

PC-P KA SERIES
FIXED - SPEED COOLING ONLY



Type		Fixed - Speed							
Indoor Unit		PCA-RP71KA		PCA-RP100KA		PCA-RP125KA	PCA-RP140KA		
Outdoor Unit		PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA	PU-P125YHA	PU-P140YHA		
Power Supply		Outdoor power supply							
Outdoor (V/Phase/Hz)		VHA:230 / Single / 50, YHA:400 / Three / 50							
Indoor (V/Phase/Hz)		-							
Cooling	Capacity	Rated	kW						
		Min - Max	kW						
	Total Input	Rated	kW						
	EER								
Operating Current (max)			A						
Indoor Unit	Input	Rated	kW						
	Operating Current (max)		A						
	Dimensions	H x W x D	mm						
	Weight		kg						
	Air Volume [Lo-Mi2-Mi-Hi]		m ³ /min						
	External Static Pressure		Pa						
	Sound Level [Lo-Mi2-Mi-Hi]		dB(A)						
	Breaker Size		A						
	Outdoor Unit	Dimensions	H x W x D	mm					
		Weight		kg					
Air Volume		Cooling	Rated	m ³ /min					
		Heating	Rated	m ³ /min					
Sound Level		Cooling	Rated	dB(A)					
		Heating	Rated	dB(A)					
Operating Current (max)			A						
Breaker Size			A						
Ext. Piping		Diameter	Liquid / Gas	mm					
		Max. Length	Out-In	m					
	Max. Height	Out-In	m						
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5 ~ +46						

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15°C is possible.