

## 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 <sup>3</sup> /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 <sup>3</sup> /min	
	Heating	m <sup>3</sup> /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 CO<sub>2</sub> 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.  
 \*\* 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

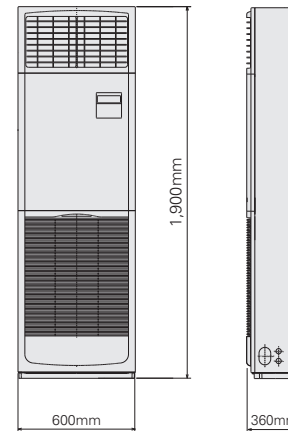
Installation of this floor-standing series is easy and quick.  
 An excellent choice when there is a sudden need for an air conditioner to be installed.



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

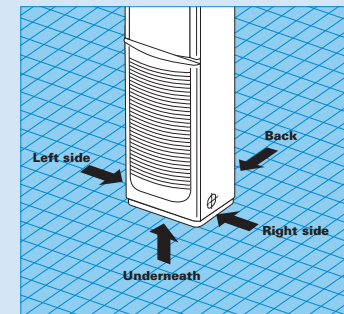
The floor-standing indoor unit is mounted on the floor, enabling quick installation. Its compact body requires only minimal space.

### 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



## SERIES SELECTION

### Power Inverter Series

#### Indoor Unit

R410A



PSA-RP71/100/125/140KA

#### Outdoor Unit

R410A

For Single



PUHZ-ZRP71



PUHZ-ZRP100/125/140

R410A

For Multi



PUHZ-ZRP140/200/250

#### Remote Controller



Built-in

### Standard Inverter Series

#### Indoor Unit

R410A



PSA-RP71/100/125/140KA

#### Outdoor Unit

R410A

For Single



PUHZ-P100/125/140

R410A

For Multi



PUHZ-P140



PUHZ-P200/250

#### Remote Controller



Built-in

### PSZ-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-ZRP)	-	-	-	71x1	100x1	125x1	140x1	-	-	-	-	71x2	100x2	125x2	-	-	-	71x3	-	-
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	M3D3R7E	M3D2	M3D5WR-E	-	-	M3D11R2	-	-
Standard Inverter (PUHZ-P)	-	-	-	-	100x1	125x1	140x1	-	-	-	-	71x2	100x2	125x2	-	-	-	71x3	-	-
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	M3D3R7E	M3D2	M3D5WR-E	-	-	M3D11R2	-	-

### PSZ-RP SERIES

#### POWER INVERTER

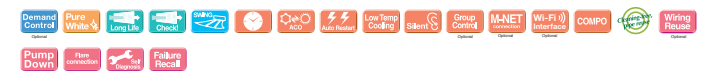


Type	Inverter Heat Pump					
Indoor Unit	PSA-RP71KA	PSA-RP100KA	PSA-RP125KA	PSA-RP140KA		
Outdoor Unit	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP140VKA3		
Refrigerant	R410A*					
Power Supply	Outdoor power supply					
Source	VKA-230 / Single / 50, YKA-400 / Three / 50					
Supply						
Cooling Capacity	Rated	kW	7.1	9.5	12.5	13.4
Min-Max	kW	3.3-8.1	4.9-11.4	5.9-14.0	5.8-14.0	6.2-15.0
Rated	kW	1.89	2.50	2.50	4.09	4.06
Total Input	kW	-	-	-	3.06	3.30
EER	-	-	-	-	3.06	3.30
EEL Rank	-	-	-	-	-	-
Design Load	kW	7.1	9.5	9.5	-	-
Annual Electricity Consumption**	kWh/a	388	595	608	-	-
SEER	-	6.3	5.6	5.5	-	-
Energy Efficiency Class	-	A+	A+	A	-	-
Heating Capacity	Rated	kW	7.6	11.2	14.0	16.0
Min-Max	kW	3.5-10.2	4.5-14.0	4.8-14.0	5.0-16.0	5.7-18.0
Rated	kW	2.21	3.08	3.08	4.24	4.79
Total Input	kW	-	-	-	3.30	3.34
COP	-	-	-	-	-	-
EEL Rank	-	-	-	-	-	-
Design Load	kW	4.7	7.8	7.8	-	-
Declared Capacity	at reference design temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-
at outdoor temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-
at operation temperature	kW	3.1 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-
Back Up Heating Capacity	kW	0	0	0	-	-
Annual Electricity Consumption**	kWh/a	1068	2761	2761	-	-
SEER	-	4.0	4.0	4.0	-	-
SCOP	-	-	-	-	-	-
Energy Efficiency Class	-	A	A	A	-	-
Operating Current (max)	Rated	A	19.4	27.2	27.2	10.2
Input	Rated	kW	0.06	0.11	0.11	0.11
Operating Current (max)	A	0.4	0.71	0.71	0.73	0.73
Dimensions -Panel	H x W x D	mm	-	-	1900-600-360	85
Weight -Panel	kg	48	46	46	48	48
Air Volume	Lo-Mid-Hi	m³/min	20-22-24	25-28-30	25-28-31	25-28-31
Sound Level (SPL)	Lo-Mid-Hi	dBA	40-42-44	45-49-51	45-49-51	45-49-51
Sound Level (PWL)	H x W x D	dBA	61	65	65	66
Dimensions	H x W x D	mm	943-960-330(+30)	65	1338-1050-330(+40)	66
Weight	kg	70	116	123	116	125
Air Volume	Cooling	m³/min	55.0	110.0	110.0	120.0
Heating	m³/min	55.0	110.0	110.0	120.0	120.0
Sound Level (SPL)	Cooling	dBA	47	49	49	50
Heating	dBA	48	51	51	52	52
Sound Level (PWL)	Cooling	dBA	67	69	69	70
Heating	dBA	69	70	70	70	
Operating Current (max)	A	19.0	26.5	26.5	9.5	13.0
Breaker Size	A	25	32	16	32	16
Test. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Max. Length	Out-in	m	50	75	75	75
Max. Height	Out-in	m	30	30	30	30
Guaranteed Operating Range	Cooling**	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
Heating	°C	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

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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.

### PSZ-P SERIES

#### STANDARD INVERTER



Type	Inverter Heat Pump				
Indoor Unit	PSA-RP100KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA	
Outdoor Unit	PUHZ-P100VKA	PUHZ-P100VKA	PUHZ-P125VKA	PUHZ-P140VKA	
Refrigerant	R410A*				
Power Supply	Outdoor power supply				
Source	VKA-230 / Single / 50, YKA-400 / Three / 50				
Supply					
Cooling Capacity	Rated	kW	9.4	12.1	13.6
Min-Max	kW	3.7-10.6	3.7-10.6	5.8-13.0	5.8-13.7
Rated	kW	3.12	3.02	5.02	6.38
Total Input	kW	-	-	-	2.13
EER	-	3.01	3.01	2.41	2.41
EEL Rank	-	-	-	-	-
Design Load	kW	9.4	9.4	-	-
Annual Electricity Consumption**	kWh/a	644	644	-	-
SEER	-	5.1	5.1	-	-
Energy Efficiency Class	-	A	A	-	-
Heating Capacity	Rated	kW	11.2	13.5	15.0
Min-Max	kW	2.8-12.5	2.8-12.5	4.8-15.0	4.9-15.8
Rated	kW	3.28	3.28	4.80	4.82
Total Input	kW	3.41	3.41	2.81	3.11
COP	-	-	-	-	-
EEL Rank	-	-	-	-	-
Design Load	kW	8.0	8.0	-	-
Declared Capacity	at reference design temperature	kW	6.0 (-10°C)	6.0 (-10°C)	-
at outdoor temperature	kW	7.0 (-7°C)	7.0 (-7°C)	-	-
at operation temperature	kW	4.5 (-15°C)	4.5 (-15°C)	-	-
Back Up Heating Capacity	kW	2.0	2.0	-	-
Annual Electricity Consumption**	kWh/a	2784	2784	-	-
SEER	-	4.0	4.0	-	-
SCOP	-	-	-	-	-
Energy Efficiency Class	-	A	A	-	-
Operating Current (max)	Rated	A	20.7	12.2	12.2
Input	Rated	kW	0.11	0.11	0.11
Operating Current (max)	A	0.71	0.71	0.73	0.73
Dimensions -Panel	H x W x D	mm	-	-	1900-600-360
Weight -Panel	kg	48	48	48	48
Air Volume	Lo-Mid-Hi	m³/min	25-28-30	25-28-31	25-28-31
Sound Level (SPL)	Lo-Mid-Hi	dBA	45-49-51	45-49-51	45-49-51
Sound Level (PWL)	H x W x D	dBA	65	66	66
Dimensions	H x W x D	mm	981-1050-330	66	981-1050-330
Weight	kg	78	84	84	84
Air Volume	Cooling	m³/min	79	86	86
Heating	m³/min	79	86	86	86
Sound Level (SPL)	Cooling	dBA	51	52	52
Heating	dBA	51	54	54	
Sound Level (PWL)	Cooling	dBA	64	64	64
Heating	dBA	64	64	64	
Operating Current (max)	A	20.0	11.5	11.5	7.5
Breaker Size	A	20	16	16	16
Test. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88
Max. Length	Out-in	m	50	50	50
Max. Height	Out-in	m	30	30	30
Guaranteed Operating Range	Cooling**	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46
Heating	°C	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21

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