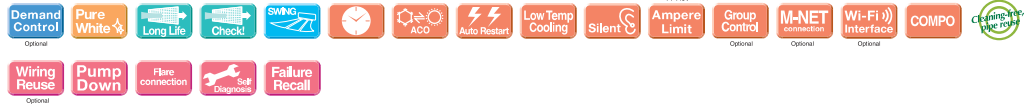


PSA-RP SERIES

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*1							
Power Source				Outdoor power supply							
Supply Outdoor (V/Phase/Hz)				VKA • VHA:230 / Single / 50, YKA:400 / Three / 50							
Cooling	Capacity		Rated	kW	7.1	9.5	9.5	12.5		13.4	13.4
			Min - Max	kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input		Rated	kW	1.89	2.50	2.50	4.09	4.09	4.06	4.06
	EER				—	—	—	3.06	3.06	3.30	3.30
	EEL Rank				—	—	—	—	—	—	—
	Design Load		kW	7.1	9.5	9.5	—	—	—	—	—
	Annual Electricity Consumption*2		kWh/a	396	595	606	—	—	—	—	—
	SEER			6.3	5.6	5.5	—	—	—	—	—
	Energy Efficiency Class			A++	A+	A	—	—	—	—	—
	Back Up Heating Capacity		kW	0	0	0	—	—	—	—	—
Heating (Average Season)	Capacity		Rated	kW	7.6	11.2	11.2	14.0	14.0	16.0	16.0
			Min - Max	kW	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input		Rated	kW	2.21	3.08	3.08	4.24	4.24	4.79	4.79
	COP			—	—	—	3.30	3.30	3.34	3.34	3.34
	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 bivalent temperature	kW	4.7 (–10°C)	7.8 (–10°C)	7.8 (–10°C)	—	—	—	—
			at operation limit temperature	kW	3.5 (–20°C)	5.8 (–20°C)	5.8 (–20°C)	—	—	—	—
	Back Up Heating Capacity		kW	0	0	0	—	—	—	—	—
Annual Electricity Consumption*2		kWh/a	1666	2761	2761	—	—	—	—	—	
SCOP			4.0	4.0	4.0	—	—	—	—	—	
Energy Efficiency Class			A+	A+	A+	—	—	—	—	—	
Operating Current (max)				A	19.4	27.2	8.7	27.2	10.2	28.7	13.7
Indoor Unit	Input		Rated	kW	0.06	0.11	0.11	0.11	0.11	0.11	0.11
	Operating Current (max)		A	0.4	0.71	0.71	0.71	0.73	0.73	0.73	0.73
	Dimensions <Panel>		H × W × D	mm	1900 - 600 - 360						
	Weight <Panel>		kg	46	46	46	46	46	48	48	
	Air Volume [Lo-Mid-Hi]		m³/min	20 - 22 - 24	25 - 28 - 30	25 - 28 - 30	25 - 28 - 31	25 - 28 - 31	25 - 28 - 31	25 - 28 - 31	
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	40 - 42 - 44	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	
	Sound Level (PWL)		dB(A)	60	65	65	66	66	66	66	
	Dimensions		H × W × D	mm	943-950-330(+30)						
	Weight		kg	70	116	123	116	125	118	131	
	Air Volume		Cooling	m³/min	55.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating	m³/min	55.0	110.0	110.0	120.0	120.0	120.0	120.0	
Outdoor Unit	Sound Level (SPL)		Cooling	dB(A)	47	49	49	50	50	50	50
			Heating	dB(A)	48	51	51	52	52	52	52
	Sound Level (PWL)		Cooling	dB(A)	67	69	69	70	70	70	70
	Operating Current (max)		A	19.0	26.5	8.0	26.5	9.5	28.0	13.0	13.0
	Breaker Size		A	25	32	16	32	16	40	16	16
	Diameter		Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length		Out-In	m	50	75	75	75	75	75	75
	Max. Height		Out-In	m	30	30	30	30	30	30	30
	Guaranteed Operating Range [Outdoor]		Cooling*3	°C	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46
			Heating	°C	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21

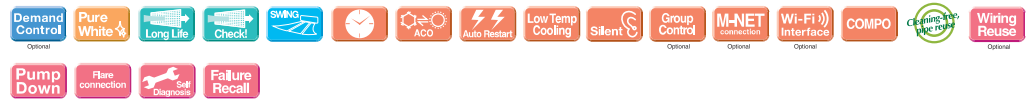
*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP. If leaked to the atmosphere, this appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 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-RP SERIES

STANDARD INVERTER



Type			Inverter Heat Pump							
Indoor Unit			PSA-RP100KA		PSA-RP125KA		PSA-RP140KA			
Outdoor Unit			PUHZ-P100VKA		PUHZ-P100YKA		PUHZ-P125VKA		PUHZ-P125YKA	
Refrigerant			R410A*1							
Power Supply			Outdoor power supply VKA:230 / Single / 50, YKA:400 / Three / 50							
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1	13.6	13.6	
		Min - Max	kW	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 13.7	5.8 - 13.7	
	Total Input	Rated	kW	3.12	3.12	5.02	5.02	6.38	6.38	
	EER			3.01	3.01	2.41	2.41	2.13	2.13	
		EEL Rank		-	-	-	-	-	-	
	Design Load		kW	9.4	9.4	-	-	-	-	
	Annual Electricity Consumption*2		kWh/a	644	644	-	-	-	-	
	SEER			5.1	5.1	-	-	-	-	
		Energy Efficiency Class		A	A	-	-	-	-	
		Back Up Heating Capacity		kW	0	0	-	-	-	-
Heating (Average Season)	Capacity	Rated	kW	11.2	11.2	13.5	13.5	15.0	15.0	
		Min - Max	kW	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8	
	Total Input	Rated	kW	3.28	3.28	4.80	4.80	4.82	4.82	
	COP			3.41	3.41	2.81	2.81	3.11	3.11	
		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 bivalent temperature	kW	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-	
		at operation limit temperature	kW	4.5 (-15°C)	4.5 (-15°C)	-	-	-	-	
		Back Up Heating Capacity		kW	2.0	2.0	-	-	-	-
Operating Current (max)	Annual Electricity Consumption*2		kWh/a	2794	2794	-	-	-	-	
	SCOP			4.0	4.0	-	-	-	-	
		Energy Efficiency Class		A+	A+	-	-	-	-	
	Input	Rated	kW	0.11	0.11	0.11	0.11	0.11	0.11	
	Operating Current (max)		A	0.71	0.71	0.73	0.73	0.73	0.73	
	Dimensions <Panel>	H × W × D	mm	1900 - 600 - 360						
	Weight <Panel>		kg	46	46	46	46	48	48	
	Air Volume [Lo-Mid-Hi]		m³/min	25 - 28 - 30	25 - 28 - 30	25 - 28 - 31	25 - 28 - 31	25 - 28 - 31	25 - 28 - 31	
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	45 - 49 - 51	
	Sound Level (PWL)		dB(A)	65	65	66	66	66	66	
Outdoor Unit	Dimensions	H × W × D	mm	981 - 1050 - 330		981 - 1050 - 330		981 - 1050 - 330		
	Weight		kg	76	78	84	85	84	85	
	Air Volume	Cooling	m³/min	79	79	86	86	86	86	
		Heating	m³/min	79	79	92	92	92	92	
	Sound Level (SPL)	Cooling	dB(A)	51	51	54	54	56	56	
		Heating	dB(A)	54	54	56	56	57	57	
	Sound Level (PWL)	Cooling	dB(A)	70	70	72	72	75	75	
		Heating	dB(A)	70	70	72	72	75	75	
	Operating Current (max)		A	20.0	11.5	26.5	11.5	30.0	11.5	
		Breaker Size		A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
	Max. Length	Out-In	m	50	50	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	30	30	
	Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
		Heating	°C	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	

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*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

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