

PCZ-RP KA SERIES

POWER INVERTER



Type	Inverter Heat Pump													
Indoor Unit	PCA-RP35KAO		PCA-RP50KAO		PCA-RP60KAO		PCA-RP71KAO		PCA-RP100KAO		PCA-RP125KAO		PCA-RP140KAO	
Outdoor Unit	PUHZ-ZRP35VKA		PUHZ-ZRP50VKA		PUHZ-ZRP60VHA		PUHZ-ZRP71VHA		PUHZ-ZRP100VKA		PUHZ-ZRP125VKA		PUHZ-ZRP140VKA	
Refrigerant	R410A*1													
Power Supply	Outdoor power supply													
Source	VKA · VHA:230 / Single / 50, YKA:400 / Three / 50													
Outdoor (V/Phase/Hz)														
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	10.0	10.0	12.5	12.5	13.4	13.4	
	Min - Max		kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	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	0.86	1.34	1.66	1.82	2.67	2.67	3.98	3.98	3.95	3.95	
	EER			-	-	-	-	-	-	-	-	-	-	-
	EEL Rank			-	-	-	-	-	-	-	-	-	-	-
Heating (Average Season)	Capacity	Rated	kW	3.6	5.0	6.1	7.1	10.0	10.0	12.5	12.5	13.4	13.4	
	Min - Max		kW	1.6-5.2	2.5 - 6.6	2.8 - 8.2	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	1.02	1.45	1.93	2.20	3.04	3.04	3.80	3.80	4.57	4.57	
	COP			-	-	-	-	-	-	-	-	-	-	-
	EEL Rank			-	-	-	-	-	-	-	-	-	-	-
Operating Current (max)	Input	Rated	kW	2.4	3.8	4.4	4.7	7.8	7.8	9.3	9.3	10.6	10.6	
	Operating Current (max)		A	13.3	13.4	19.4	19.4	27.2	27.2	30.7	30.7	32.8	32.8	
	Dimensions <Panel>	H x W x D	mm	230 - 960 - 680	230 - 960 - 680	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	10 - 11 - 12 - 14	10 - 11 - 13 - 15	15 - 16 - 17 - 19	16 - 17 - 18 - 20	22 - 24 - 26 - 28	22 - 24 - 26 - 28	23 - 25 - 27 - 29	23 - 25 - 27 - 29	24 - 26 - 29 - 32	24 - 26 - 29 - 32	
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	31 - 33 - 36 - 39	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	39 - 41 - 43 - 45	41 - 43 - 45 - 48	41 - 43 - 45 - 48	
	Sound Level (PWL)		dB(A)	60	60	60	62	63	63	65	65	68	68	
	Dimensions	H x W x D	mm	630 - 809 - 300	943 - 950 - 330 (+30)	943 - 950 - 330 (+30)	943 - 950 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	
	Air Volume	Cooling	m³/min	45.0	45.0	55.0	55.0	110.0	110.0	120.0	120.0	120.0	120.0	
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50	
	Outdoor Unit	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
Operating Current (max)			A	13.0	13.0	19.0	19.0	26.5	26.5	8.0	26.5	9.5	28.0	11.0
Breaker Size			A	16	16	25	25	32	32	16	32	16	40	16
Diameter		Liquid / Gas	mm	6.35 / 12.7	6.35 / 12.7	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	9.52 / 15.88	9.52 / 15.88
Max. Length		Out-In	m	50	50	50	50	75	75	75	75	75	75	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-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.
 *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. *4 SEER/SCOP values are measured based on EN14825. These values are reference purpose only.

PCZ-P KA SERIES

STANDARD INVERTER



Type	Inverter Heat Pump													
Indoor Unit	PCA-RP35KAO		PCA-RP50KAO		PCA-RP60KAO		PCA-RP71KAO		PCA-RP100KAO		PCA-RP125KAO		PCA-RP140KAO	
Outdoor Unit	SUZ-KA35VA4		SUZ-KA50VA4		SUZ-KA60VA4		SUZ-KA71VA4		PUHZ-P100VHA4		PUHZ-P125VHA3		PUHZ-P140VHA3	
Refrigerant	R410A*1													
Power Supply	Outdoor power supply													
Source	VA4 · VHA4 · VHA3:230 / Single / 50, YHA2 · YHA:400 / Three / 50													
Outdoor (V/Phase/Hz)														
Cooling	Capacity	Rated	kW	3.6	5.0	5.7	7.1	9.4	9.4	12.3	12.3	13.6	13.6	
	Min - Max		kW	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.1	4.9 - 11.2	4.9 - 11.2	5.5 - 14.0	5.5 - 14.0	5.5 - 15.0	5.5 - 15.0	
	Total Input	Rated	kW	1.050	1.550	1.720	2.060	3.130	3.130	4.090	4.090	4.840	4.840	
	EER			-	-	-	-	-	-	-	-	-	-	-
	EEL Rank			-	-	-	-	-	-	-	-	-	-	-
Heating (Average Season)	Capacity	Rated	kW	3.6	5.0	5.7	7.1	9.4	9.4	12.3	12.3	13.6	13.6	
	Min - Max		kW	1.7 - 5.0	1.7 - 6.6	2.5 - 8.0	2.6 - 10.2	4.5 - 12.5	4.5 - 12.5	5.0 - 16.0	5.0 - 16.0	5.0 - 18.0	5.0 - 18.0	
	Total Input	Rated	kW	1.130	1.520	1.910	2.180	3.280	3.280	4.120	4.120	4.690	4.690	
	COP			-	-	-	-	-	-	-	-	-	-	-
	EEL Rank			-	-	-	-	-	-	-	-	-	-	-
Operating Current (max)	Input	Rated	kW	2.6	4.0	4.8	5.8	8.0	8.0	9.4	9.4	10.6	10.6	
	Operating Current (max)		A	8.5	12.4	14.4	16.5	28.7	28.7	31.7	31.7	36.0	36.0	
	Dimensions <Panel>	H x W x D	mm	230 - 960 - 680	230 - 960 - 680	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	10 - 11 - 12 - 14	10 - 11 - 13 - 15	15 - 16 - 17 - 19	16 - 17 - 18 - 20	22 - 24 - 26 - 28	22 - 24 - 26 - 28	23 - 25 - 27 - 29	23 - 25 - 27 - 29	24 - 26 - 29 - 32	24 - 26 - 29 - 32	
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	31 - 33 - 36 - 39	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	39 - 41 - 43 - 45	41 - 43 - 45 - 48	41 - 43 - 45 - 48	
	Sound Level (PWL)		dB(A)	60	60	60	62	63	63	65	65	68	68	
	Dimensions	H x W x D	mm	550 - 800 - 285	880 - 840 - 330	880 - 840 - 330	880 - 840 - 330	943 - 950 - 330 (+30)	943 - 950 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	1138 - 1050 - 330 (+30)	
	Air Volume	Cooling	m³/min	36.3	44.6	40.9	50.1	60.0	60.0	100.0	100.0	100.0	100.0	
	Sound Level (SPL)	Cooling	dB(A)	48	52	55	55	50	50	51	51	52	52	
	Outdoor Unit	Sound Level (PWL)	Cooling	dB(A)	62	65	65	69	70	70	71	71	73	73
Operating Current (max)			A	8.2	12.0	14.0	16.1	28.0	28.0	13.0	28.0	13.0	29.5	13.0
Breaker Size			A	10	20	20	20	32	32	16	32	16	40	16
Diameter		Liquid / Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 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	9.52 / 15.88	9.52 / 15.88
Max. Length		Out-In	m	20	30	30	30	50	50	50	50	50	50	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	

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