PKZ-RP SERIES
POWER INVERTER



Type					Inverter Heat Pump					
Indoor Unit					PKA-RP35HAL	PKA-RP50HAL	PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL	
Outdoor Unit					PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA • VKA:230 / Single / 50, YKA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	3.6	4.6	6.0	7.1	10.0	10.0
		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
	Total Input	Rated		kW	0.980	1.430	1.540	1.960	2.900	2.900
	EER				3.67	3.22	3.90	3.62	3.45	3.45
		EEL Rank			A	A	A	A	A	A
Heating	Capacity	Rated		kW	4.1	5.0	7.0	8.0	11.2	11.2
		Min - Max		kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0
	Total Input	Rated		kW	1.130	1.380	1.760	2.130	3.100	3.100
	COP				3.63	3.62	3.98	3.76	3.61	3.61
		EEL Rank			A	A	A	A	A	A
Operating Current (max)					13.4	13.4	19.4	19.4	27.1	8.6
Indoor Unit	Input	Rated		kW	0.040	0.040	0.060	0.060	0.080	0.080
	Operating Current (max)			A	0.40	0.40	0.43	0.43	0.57	0.57
	Dimensions	H x W x D		mm	295 - 898 - 249	295 - 898 - 249	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295
	Weight			kg	13	13	21	21	21	21
	Air Volume [Lo-Mid-Hi]			m^3/min	9.0 - 10.5 - 12.0	9.0 - 10.5 - 12.0	18.0 - 20.0 - 22.0	18.0 - 20.0 - 22.0	20.0 - 23.0 - 26.0	20.0 - 23.0 - 26.0
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mid-Hi]			dB(A)	36 - 40 - 43	36 - 40 - 43	39 - 42 - 45	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
	Breaker Size			A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	600 - 800 - 300(+23)	600 - 800 - 300(+23)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight			kg	42	42	67	67	116	124
	Air Volume	Cooling	Rated	m^3/min	35.0	35.0	60.0	60.0	110.0	110.0
		Heating	Rated	m^3/min	35.0	35.0	60.0	60.0	110.0	110.0
	Sound Level	Cooling - Silent	Rated	dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	49 - 46	49 - 46
		Heating	Rated	dB(A)	46	46	48	48	51	51
	Operating Current (max)			A	13.0	13.0	19.0	19.0	26.5	8.0
	Breaker Size			A	16	16	25	25	32	16
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 12.7		9.52 / 15.88			
	Max. Length	Out-In		m	50	50	50	50	75	75
	Max. Height	Out-In		m	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46					
		Heating		℃	-11 ~ +21		-20 ~ +21			

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

PKZ-P SERIES
STANDARD INVERTER



Type					Inverter Heat Pump	
Indoor Unit					PKA-RP100KAL	
Outdoor Unit					PUHZ-P100VHA3	PUHZ-P100YHA*2
Power Supply	Source				Outdoor power supply	
	Outdoor (V/Phase/Hz)				230 / Single / 50	400 / Three / 50
	Indoor (V/Phase/Hz)				–	–
Cooling	Capacity	Rated		kW	9.4	9.4
		Min - Max		kW	4.9 - 11.2	4.9 - 11.2
	Total Input	Rated		kW	3.120	3.120
	EER				3.01	3.01
		EEL Rank			B	B
Heating	Capacity	Rated		kW	11.2	11.2
		Min - Max		kW	4.5 - 12.5	4.5 - 12.5
	Total Input	Rated		kW	3.490	3.490
	COP				3.21	3.21
		EEL Rank			C	C
Operating Current (max)					28.6	13.6
Indoor Unit	Input	Rated		kW	0.080	0.080
	Operating Current (max)			A	0.6	0.6
	Dimensions	H x W x D		mm	365 - 1170 - 295	365 - 1170 - 295
	Weight			kg	21	21
	Air Volume [Lo-Mi2-Mi1-Hi]			m^3/min	20 - 23 - 26	20 - 23 - 26
	External Static Pressure			Pa	–	–
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	41 - 45 - 49	41 - 45 - 49
	Breaker Size			A	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)
	Weight			kg	75	77
	Air Volume	Cooling	Rated	m^3/min	60.0	60.0
		Heating	Rated	m^3/min	60.0	60.0
	Sound Level	Cooling - Silent	Rated	dB(A)	50 - 47	50 - 47
		Heating	Rated	dB(A)	54	54
	Operating Current (max)			A	28.0	13.0
	Breaker Size			A	32	16
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50
	Max. Height	Out-In		m	30	30
Guaranteed Operating Range [Outdoor]		Cooling*1		℃	-5 ~ +46	-5 ~ +46
		Heating		℃	-15 ~ +21	-15 ~ +21

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.
*2 PUHZ-P·YHA is designed for commercial and light-industrial applications.