PSZ-RP SERIES
POWER INVERTER

Demand Control (Optional) | Pure White | Long Life | Check! | SWING | ACO | Auto Restart | Low Temp Cooling | Silent | Ampere Limit (71-140V/200/250) | Centralised On/Off (Optional) | Group Control (Optional) | M-NET connection (Optional) | COMPO | Cleaning-free pipe reuse | Wiring Reuse (Optional) | Pump Down | Flare connection | Self Diagnosis | Failure Recall

Type					Inverter Heat Pump						
Indoor Unit					PSA-RP71GA	PSA-RP100GA		PSA-RP125GA		PSA-RP140GA	
Outdoor Unit					PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA
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	7.1	10.0	10.0	12.4	12.4	13.8	13.8
		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 - 15.3	6.2 - 15.3
	Total Input	Rated		kW	2.200	2.990	2.990	4.120	4.120	4.910	4.910
	EER				3.23	3.34	3.34	3.01	3.01	2.81	2.81
		EEL Rank			A	A	A	B	B	C	C
Heating	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	2.230	3.280	3.280	4.110	4.110	4.970	4.970
	COP				3.41	3.41	3.41	3.41	3.41	3.22	3.22
		EEL Rank			B	B	B	B	B	C	C
Operating Current (max)					19.7	27.6	9.1	27.7	10.7	29.6	12.6
Indoor Unit	Input	Rated		kW	0.150	0.240	0.240	0.280	0.280	0.360	0.360
	Operating Current (max)			A	0.66	1.06	1.06	1.23	1.23	1.59	1.59
	Dimensions	H x W x D		mm	1900 - 600 - 270	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350
	Weight			kg	43	51	51	51	51	53	53
	Air Volume [Lo-Hi]			m^3/min	15.0 - 18.0	24.0 - 31.0	24.0 - 31.0	26.0 - 33.0	26.0 - 33.0	27.0 - 35.0	27.0 - 35.0
	External Static Pressure			Pa	–	–	–	–	–	–	–
	Sound Level [Lo-Hi]			dB(A)	40 - 45	44 - 49	44 - 49	46 - 51	46 - 51	47 - 52	47 - 52
	Breaker Size			A	–	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight			kg	67	116	124	116	126	118	132
	Air Volume	Cooling	Rated	m^3/min	60.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating	Rated	m^3/min	60.0	110.0	110.0	120.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated	dB(A)	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47	50 - 47
		Heating	Rated	dB(A)	48	51	51	52	52	52	52
	Operating Current (max)			A	19.0	26.5	8.0	26.5	9.5	28.0	11.0
	Breaker Size			A	25	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	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*		℃	-5 ~ +46						
		Heating		℃	-20 ~ +21						

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

PSZ-P SERIES
STANDARD INVERTER

Demand Control (Optional) | Pure White | Long Life | Check! | SWING | ACO | Auto Restart | Low Temp Cooling | Silent | Centralised On/Off (Optional) | Group Control (Optional) | M-NET connection (Optional) | COMPO | Wiring Reuse (Optional) | Pump Down | Flare connection | Self Diagnosis | Failure Recall

Type					Inverter Heat Pump					
Indoor Unit					PSA-RP100GA		PSA-RP125GA		PSA-RP140GA	
Outdoor Unit					PUHZ-P100VHA3	PUHZ-P100YHA*2	PUHZ-P125VHA3	PUHZ-P125YHA*2	PUHZ-P140VHA3	PUHZ-P140YHA*2
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	9.4	9.4	12.3	12.3	13.6	13.6
		Min - Max		kW	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	3.120	3.120	4.380	4.380	5.640	5.640
	EER				3.01	3.01	2.81	2.81	2.41	2.41
		EEL Rank			B	B	C	C	E	E
Heating	Capacity	Rated		kW	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max		kW	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	3.280	3.280	4.980	4.980	5.690	5.690
	COP				3.41	3.41	2.81	2.81	2.81	2.81
		EEL Rank			B	B	D	D	D	D
Operating Current (max)					29.1	14.1	29.2	14.2	31.1	14.6
Indoor Unit	Input	Rated		kW	0.240	0.240	0.280	0.280	0.360	0.360
	Operating Current (max)			A	1.06	1.06	1.23	1.23	1.59	1.59
	Dimensions	H x W x D		mm	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350
	Weight			kg	51	51	51	51	53	53
	Air Volume [Lo-Hi]			m^3/min	24.0 - 31.0	24.0 - 31.0	26.0 - 33.0	26.0 - 33.0	27.0 - 35.0	27.0 - 35.0
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Hi]			dB(A)	44 - 49	44 - 49	46 - 51	46 - 51	47 - 52	47 - 52
	Breaker Size			A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	75	77	99	101	99	101
	Air Volume	Cooling	Rated	m^3/min	60.0	60.0	100.0	100.0	100.0	100.0
		Heating	Rated	m^3/min	60.0	60.0	100.0	100.0	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	50 - 47	50 - 47	51 - 48	51 - 48	52 - 49	52 - 49
		Heating	Rated	dB(A)	54	54	55	55	56	56
	Operating Current (max)			A	28.0	13.0	28.0	13.0	29.5	13.0
	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*1		℃	-5 ~ +46					
		Heating		℃	-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.