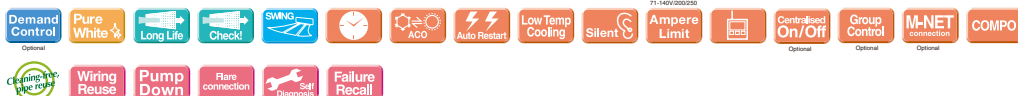


PSZ-RP SERIES

POWER INVERTER

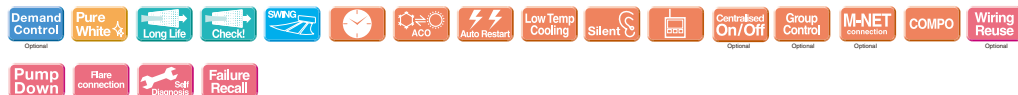


Type				Inverter Heat Pump							
Indoor Unit				PSA-RP71GA		PSA-RP100GA		PSA-RP125GA		PSA-RP140GA	
Outdoor Unit				PUHZ-RP71VHA4		PUHZ-RP100VKA		PUHZ-RP125VKA		PUHZ-RP140VKA	
Power Supply	Source			Outdoor power supply							
	Outdoor (V/Phase/Hz)			VHA • VKA:230 / Single / 50, YKA:400 / Three / 50							
	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]		m³/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	-	-	-	-	-	-	
	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)
Outdoor Unit	Weight		kg	67	116	124	116	126	118	132	
	Air Volume	Cooling	Rated	m³/min	60.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating	Rated	m³/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 *	°C							-5 ~ +46
			Heating	°C							-20 ~ +21

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

PSZ-P SERIES

STANDARD INVERTER



Type				Inverter Heat Pump								
Indoor Unit				PSA-RP100GA		PSA-RP125GA		PSA-RP140GA				
Outdoor Unit				PUHZ-P100VHA3		PUHZ-P100YHA* ²		PUHZ-P125VHA3		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]		m³/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	m³/min	60.0	60.0	100.0	100.0	100.0	100.0		
		Heating	Rated	m³/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			
Piping	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	°C -5 ~ +46								
			Heating	°C -15 ~ +21								

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

*2 PUHZ-P-YHA is designed for commercial and light-industrial applications.