

PLZ-P SERIES

STANDARD INVERTER



Type			Inverter Heat Pump											
Indoor Unit			PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA	PLA-RP71BA2	PLA-RP100BA	PLA-RP100BA3	PLA-RP125BA	PLA-RP125BA2	PLA-RP140BA2	PLA-RP140BA2	
Outdoor Unit			SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	SUZ-KA71VA	P100VHA3(YHA*)	P100VHA3(YHA*)	P125VHA3(YHA*)	P125VHA3(YHA*)	P140VHA3(YHA*)	P140VHA3(YHA*)	
Power Supply	Source		Outdoor power supply											
	Outdoor (V/Phase/Hz)		VA · VHA:230 / Single / 50, YHA:400 / Three / 50											
Indoor (V/Phase/Hz)			-											
Cooling	Capacity	Rated	kW	3.5	5.0	5.7	7.1	7.1	9.4	9.4	12.3	12.3	13.6	
		Min - Max	kW	1.0 - 3.9	1.1 - 5.6	1.1 - 6.3	0.9 - 8.1	0.9 - 8.1	4.9 - 11.2	4.9 - 11.2	5.5 - 14.0	5.5 - 14.0	5.5 - 15.0	
	Total Input	Rated	kW	1.090	1.780	1.940	2.530	2.474	3.120	3.120	4.090	4.090	5.210	
	EER			3.21	2.81	2.94	2.81	2.87	3.01	3.01	3.01	3.01	2.61	
EEL Rank				A	C	C	C	C	B	B	B	B	D	
Heating	Capacity	Rated	kW	4.1	6.0	6.9	8.0	8.0	11.2	11.2	14.0	14.0	16.0	
		Min - Max	kW	0.9 - 5.0	0.9 - 7.2	0.9 - 8.0	0.9 - 10.2	0.9 - 10.2	4.5 - 12.5	4.5 - 12.5	5.0 - 16.0	5.0 - 16.0	5.0 - 18.0	
	Total Input	Rated	kW	1.110	1.820	2.110	2.490	2.446	3.280	3.218	4.110	4.023	4.980	
	COP			3.69	3.30	3.27	3.21	3.27	3.41	3.48	3.41	3.48	3.21	
EEL Rank				A	C	C	C	C	B	B	B	B	C	
Operating Current (max)				9.4	16.4	16.4	16.5	16.5	28.9(13.9)	29.0(14.0)	29.0(14.0)	29.0(14.0)	30.6(14.1)	
Indoor Unit	Input	Rated	kW	0.030	0.050	0.050	0.070	0.070	0.140	0.140	0.150	0.150	0.160	
	Operating Current (max)			A	0.22	0.36	0.36	0.51	0.51	0.94	1.00	1.00	1.00	
	Dimensions			H x W x D	mm 258 - 840 - 840					mm 298 - 840 - 840				
	Weight			kg	22	22	23	23	23	25	26	25	27	
	Air Volume [Lo-Mi2-Mi1-Hi]			m ³ /min	11.0 - 12.0 - 13.0 - 15.0	12.0 - 14.0 - 16.0 - 18.0	12.0 - 14.0 - 16.0 - 18.0	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 28.0 - 32.0	
	External Static Pressure			Pa	-	-	-	-	-	-	-	-	-	
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 32	28 - 29 - 31 - 32	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	34 - 36 - 39 - 41	
Breaker Size			A	-	-	-	-	-	-	-	-	-		
Panel	Dimensions			H x W x D	mm 35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950		
	Weight			kg	6	6	6	6	6	6	6	6		
	Dimensions			H x W x D	mm 550 - 800 - 285	850 - 840 - 330			943 - 950 - 330(+30)			1350 - 950 - 330(+30)		
Outdoor Unit	Weight			kg	37	53	53	58	58	75(77)	75(77)	99(101)	99(101)	
	Air Volume	Cooling	Rated	m ³ /min	33.4	49.0	49.0	49.0	49.0	60.0	60.0	100.0	100.0	
		Heating	Rated	m ³ /min	33.4	49.0	49.0	49.0	49.0	60.0	60.0	100.0	100.0	
	Sound Level	Cooling - Silent	Rated	dB(A)	47	53	53	53	53	50 - 47	50 - 47	51 - 48	51 - 48	
		Heating	Rated	dB(A)	48	55	55	55	55	54	54	55	55	
	Operating Current (max)			A	9.2	16.0	16.0	16.0	16.0	28.0(13.0)	28.0(13.0)	28.0(13.0)	28.0(13.0)	
	Breaker Size			A	10	20	20	20	20	32(16)	32(16)	32(16)	32(16)	
Ext. Piping	Diameter		Liquid / Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88			9.52 / 15.88				
	Max. Length		Out-In	m	20	30	30	30	30	50	50	50	50	
	Max. Height		Out-In	m	12	30	30	30	30	30	30	30	30	
Guaranteed Operating Range [Outdoor]			Cooling	°C	-10 ~ +46					-5 ~ +46*				
			Heating	°C	-10 ~ +24					-15 ~ +21				

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15°C is possible. *2 Eurovent application not filed.

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