PLZ-RP SERIES
POWER INVERTER

i-see Sensor (Optional) | Demand Control (Optional) | Pure White | AUTO VANE | Fresh-air Intake | High-efficiency (Optional) | Long Life | Check! | SWING | High Ceiling | Low Ceiling | AUTO | ACO | Auto Restart | Low Temp Cooling

Silent | Ampere Limit (60-140V/200/250) | Rotation Back-up | Centralised On/Off (Optional) | Group Control | M-NET connection (Optional) | COMPO | MXZ connection | Cleaning-free pipe relief | Wiring Reuse (Optional) | Drain Lift Up | Pump Down | Flare connection | Self Diagnosis | Failure Recall

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
Outdoor Unit				PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA(YKA)	PUHZ-RP100VKA(YKA)	PUHZ-RP125VKA(YKA)	PUHZ-RP125VKA(YKA)	PUHZ-RP140VKA(YKA)
Power Supply	Source			Outdoor power supply									
	Outdoor (V/Phase/Hz)			VHA • VKA:230 / Single / 50, VKA:400 / Three / 50									
	Indoor (V/Phase/Hz)			–									
Cooling	Capacity	Rated	kW	3.6	5.0	6.0	7.1	7.1	10.0	10.0	12.5	12.5	14.0
		Min - Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3
	Total Input	Rated	kW	1.070	1.550	1.600	2.090	1.900	2.650	2.390	3.830	3.670	4.360
	EER			3.36	3.23	3.75	3.40	3.74	3.77	4.18	3.26	3.41	3.21
		EEL Rank		A	A	A	–*2	A	–*2	A	–*2	A	A
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	8.0	11.2	11.2	14.0	14.0	16.0
		Min - Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0
	Total Input	Rated	kW	1.120	1.660	1.820	2.150	1.900	2.790	2.430	3.860	3.500	4.320
	COP			3.66	3.61	3.85	3.72	4.21	4.01	4.61	3.63	4.00	3.70
		EEL Rank		A	A	A	–*2	A	–*2	A	–*2	A	A
Operating Current (max)				13.2	13.4	19.4	19.5	19.5	27.4(8.9)	27.5(9.0)	27.5(10.5)	27.5(10.5)	29.1(12.1)
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	1.07
	Dimensions	H x W x D	mm	258 - 840 - 840					298 - 840 - 840				
	Weight		kg	22	22	23	23	23	25	26	25	27	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	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 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	36 - 39 - 42 - 44
	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	35 - 950 - 950	35 - 950 - 950
	Weight		kg	6	6	6	6	6	6	6	6	6	6
Outdoor Unit	Dimensions	H x W x D	mm	600 - 800 - 300(+23)		943 - 950 - 330(+30)			1338 - 1050 - 330(+30)				
	Weight		kg	42	42	67	67	67	116(124)	116(124)	116(126)	116(126)	118(132)
	Air Volume	Cooling	Rated m^3/min	35.0	35.0	60.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
		Heating	Rated m^3/min	35.0	35.0	60.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47
		Heating	Rated dB(A)	46	46	48	48	48	51	51	52	52	52
	Operating Current (max)		A	13.0	13.0	19.0	19.0	19.0	26.5(8.0)	26.5(8.0)	26.5(9.5)	26.5(9.5)	28(11)
	Breaker Size		A	16	16	25	25	25	32(16)	32(16)	32(16)	32(16)	40(16)
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 12.7		9.52 / 15.88							
	Max. Length	Out-In	m	50	50	50	50	50	75	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*1	℃	-5 ~ +46									
		Heating	℃	-11 ~ +21		-20 ~ +21							

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

PLZ-P SERIES
STANDARD INVERTER

i-see Sensor (Optional) | Demand Control (PUHZ Optional) | Pure White | AUTO VANE | Fresh-air Intake | High-efficiency (Optional) | Long Life | Check! | SWING | High Ceiling | Low Ceiling | AUTO | ACO | Auto Restart | Low Temp Cooling

Silent (PUHZ) | Rotation Back-up (PUHZ) | Centralised On/Off (Optional) | Group Control (PUHZ) | Group Control (SUZ) (Optional) | M-NET connection (Optional) | COMPO (PUHZ) | MXZ connection | Wiring Reuse (PUHZ Optional) | Drain Lift Up | Pump Down (PUHZ) | Flare connection | Self Diagnosis | Failure Recall

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
Outdoor Unit				SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	SUZ-KA71VA	PUHZ-P100VHA3(YHA*3)	PUHZ-P100VHA3(YHA*3)	PUHZ-P125VHA3(YHA*3)	PUHZ-P125VHA3(YHA*3)	PUHZ-P140VHA3(YHA*3)
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	–*2	B	–*2	B	–*2	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	–*2	B	–*2	B	–*2	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	1.07
	Dimensions	H x W x D	mm	258 - 840 - 840					298 - 840 - 840				
	Weight		kg	22	22	23	23	23	25	26	25	27	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	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 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	36 - 39 - 42 - 44
	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	35 - 950 - 950	35 - 950 - 950
	Weight		kg	6	6	6	6	6	6	6	6	6	6
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285		850 - 840 - 330			943 - 950 - 330(+30)		1350 - 950 - 330(+30)		
	Weight		kg	37	53	53	58	58	75(77)	75(77)	99(101)	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	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	100.0
	Sound Level	Cooling - Silent	Rated dB(A)	47	53	53	53	53	50 - 47	50 - 47	51 - 48	51 - 48	52 - 49
		Heating	Rated dB(A)	48	55	55	55	55	54	54	55	55	56
	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)	29.5(13.0)
	Breaker Size		A	10	20	20	20	20	32(16)	32(16)	32(16)	32(16)	40(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	50
	Max. Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling	℃	-10 ~ +46	-15 ~ +43				-5 ~ +46*1				
		Heating	℃	-10 ~ +24					-15 ~ +21				

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Eurovent application not filed.
*3 PUHZ-P·YHA is designed for commercial and light-industrial applications.