



## PLA-RP Standard Inverter Heat Pump

### 4-Way Blow Ceiling Cassette System (Single Phase)

Our Standard Inverter range offers customers all the features and benefits of inverter technology whilst being cost effective.

#### Key Features

- Swing Vane Mode with Auto Vane Shutter
- Auto-Restart
- Quiet operation
- 72 different airflow patterns - 2, 3 or 4 way discharge
- High ceiling compatibility through wide flow air outlets
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter with optional high efficiency filter also available
- Drain lift pump as standard
- Fresh air knockout
- Ceiling soiling prevention
- Replace Technology available
- Optional I-See Sensor
- Duty Standby Operation



# Air Conditioning

## Product Information

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Making a  
World of  
Difference



PLA-RP - INDOOR UNITS		PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA	PLA-RP100BA	PLA-RP125BA	PLA-RP140BA2
CAPACITY (kW)	Heating (nominal)	4.1 (1.7-5.0)	6.0 (1.7-7.2)	6.9 (2.5-8.0)	8.0 (2.6-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	3.6 (1.4-3.9)	5.5 (2.3-5.6)	6.1 (2.3-6.3)	7.1 (2.8-8.1)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	3.49 (1.45-4.25)	5.10 (1.45-6.12)	5.87 (2.13-6.80)	6.80 (2.21-8.67)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	3.31 (1.29-3.59)	5.06 (2.12-5.15)	5.61 (2.12-5.80)	6.53 (2.58-7.45)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.84	0.81	0.76	0.73	0.74	0.71	0.71
COP / EER (nominal)		3.94 / 3.30	3.43 / 3.31	3.50 / 3.32	3.56 / 3.38	3.41 / 3.01	3.41 / 3.01	3.21 / 2.61
SCOP / SEER (BS EN14825)		4.2 / 6.0	4.0 / 6.0	4.1 / 6.0	4.3 / 5.8	3.8 / 5.2	3.7 / 3.6	3.4 / 3.1
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A+	A+ / A+	A+ / A+	A / A	N/A	N/A
AIRFLOW (m³/min)	Lo-Mi1-Mi2-Hi	11-12-13-15	12-14-16-18	12-14-16-18	14-16-18-21	20-23-26-30	22-25-28-31	24-26-29-32
PIPE SIZE mm (in)	Gas/Liquid	9.52 (3/8") / 6.35 (1/4")	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	27-28-29-31	28-29-31-32	28-29-31-32	28-30-32-34	32-34-37-40	34-36-39-41	36-39-42-44
SOUND POWER LEVEL (dBA)		54	55	55	56	62	63	70
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 298 (35)	840 (950) x 840 (950) x 298 (35)	840 (950) x 840 (950) x 298 (35)
WEIGHT (kg)		22 / 6	22 / 6	23 / 6	23 / 6	25 / 6	25 / 6	27 / 6
ELECTRICAL SUPPLY		Fed by Outdoor Unit						
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
GRILLE REFERENCE		PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA
WIRED REMOTE CONTROLLER REFERENCE		PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA

SUZ-KA / PUHZ-P- OUTDOOR UNITS		SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		50 / 49	52 / 52	55 / 55	55 / 55	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA) Cooling		62	65	65	69	70	71	73
WEIGHT (kg)		35	54	50	53	75	99	99
DIMENSIONS (mm) Width x Depth x Height		800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330 x 943	950 x 330 x 1350	950 x 330 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER Heating/Cooling (nominal)		1.04 / 1.09	1.75 / 1.66	1.97 / 1.84	2.25 / 2.10	3.280 / 3.120	4.110 / 4.090	4.980 / 5.210
INPUT (kW) Heating/Cooling (UK)		0.93 / 0.93	1.56 / 1.41	1.75 / 1.56	2.00 / 1.79	2.92 / 2.65	3.66 / 3.48	4.43 / 4.43
STARTING CURRENT (A)		5.0	7.7	8.7	9.7	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		5.00 / 5.00 [8.4]	7.70 / 7.40 [12.4]	7.90 / 8.70 [14.4]	9.20 / 9.70 [16.6]	15.57 / 14.92 [28.9]	17.68 / 18.37 [29.0]	22.31 / 23.55 [30.5]
FUSE RATING (BS88) - HRC (A)		10	20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		20	30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		12	30	30	30	30	30	30
CHARGE R410A (kg)		1.15	1.45	1.55	1.9	3.0	4.5	4.5



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