



## PCA-RP Standard Inverter Heat Pump

Ceiling Suspended  
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 and Auto Vane Shutter
- Long Airflow Mode - particularly suitable for use in long, narrow spaces
- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Optional High Efficiency filter
- Replace Technology available
- Duty Standby Operation



# Air Conditioning

## Product Information

### PCA-RP Standard Inverter Heat Pump Ceiling Suspended System (Single Phase)

Making a World of Difference



PCA-RP - INDOOR UNITS		PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	5.5 (1.7-6.6)	6.9 (2.5-8.0)	7.9 (2.6-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	5.0 (2.3-5.6)	5.7 (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)	4.68 (1.45-5.61)	5.87 (2.13-6.80)	6.72 (2.21-8.67)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	4.60 (2.12-5.15)	5.24 (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)		0.79	0.81	0.76	0.77	0.72	0.72
COP / EER (nominal)		3.62 / 3.23	3.61 / 3.31	3.62 / 3.41	3.41 / 3.00	3.40 / 3.01	3.41 / 2.81
SCOP / SEER (BS EN14825)		4.0 / 5.7	4.0 / 6.0	4.0 / 6.0	3.8 / 5.1	3.7 / 3.5	3.5 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A+	A+ / A+	A / A	N/A	N/A
AIRFLOW (m³/min)	Lo-Mi1-Mi2-Hi	10-11-13-15	15-16-17-19	16-17-18-20	22-24-26-28	23-25-27-29	24-26-29-32
PIPE SIZE mm (in)	Gas/Liquid	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	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)		60	60	62	63	65	68
DIMENSIONS (mm)	Width x Depth x Height (Grille)	960 x 680 x 230	1280 x 680 x 230	1280 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230
WEIGHT (kg)		25	32	32	36	38	39
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4

SUZ-KA / PUHZ-P - OUTDOOR UNITS		SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	52 / 52	55 / 55	55 / 55	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	65	65	69	70	71	73
WEIGHT (kg)		54	50	53	75	99	99
DIMENSIONS (mm)	Width x Depth x Height	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330 + 30 x 943	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		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
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.52 / 1.55	1.91 / 1.72	2.18 / 2.08	3.280 / 3.130	4.120 / 4.090	4.690 / 4.840
	Heating/Cooling (UK)	1.35 / 1.32	1.70 / 1.46	1.94 / 1.77	2.92 / 2.66	3.67 / 3.48	4.17 / 4.11
STARTING CURRENT (A)		7.7	8.7	9.1	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	7.50 / 7.70 [12.4]	7.90 / 8.70 [14.4]	9.10 / 8.70 [16.5]	15.35 / 14.63 [28.7]	17.50 / 18.13 [28.8]	22.21 / 23.38 [30.4]
FUSE RATING (BS88) - HRC (A)		20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3
MAX PIPE LENGTH (m)		30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg)		1.45	1.55	1.9	3.0	4.5	4.5



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