

# Air Conditioning

## Product Information

**PCA-RP Standard Inverter Heat Pump**  
Ceiling Suspended System (Three Phase)

Making a  
World of  
Difference

Mr.SLIM.



## PCA-RP Standard Inverter Heat Pump

Ceiling Suspended  
System (Three 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 | Heating  
Ventilation | Controls

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Making a World of Difference



PCA-RP - INDOOR UNITS		PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.77	0.72	0.72
COP / EER (nominal)		3.41 / 3.00	3.40 / 3.01	3.41 / 2.81
SCOP / SEER (BS EN14825)		3.8 / 5.1	3.7 / 3.5	3.5 / 3.2
EP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A	N/A	N/A
AIRFLOW (m³/min)	Lo-Mi1-Mi2-Hi	22-24-26-28	23-25-27-29	24-26-29-32
PIPE SIZE mm (in)	Gas/Liquid	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	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)		63	65	68
DIMENSIONS (mm)	Width x Depth x Height	1600 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230
WEIGHT (kg)		36	38	39
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4

PUHZ-P - OUTDOOR UNITS		PUHZ-P100YHA2 Three Phase <sup>③</sup>	PUHZ-P125YHA Three Phase <sup>③</sup>	PUHZ-P140YHA Three Phase <sup>③</sup>
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	70	71	73
WEIGHT (kg)		77	101	101
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 + 30 x 943	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	3.280 / 3.130	4.120 / 4.090	4.690 / 4.840
INPUT (kW)	Heating/Cooling (UK)	2.92 / 2.66	3.67 / 3.48	4.17 / 4.11
STARTING CURRENT (A)		4.0	5.0	5.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	5.91 / 5.65 [13.7]	6.85 / 6.94 [13.8]	8.48 / 8.82 [13.9]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg)		3.0	4.5	4.5

<sup>③</sup> Three Phase



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