

PCA-RP Standard Inverter Heat Pump (Single Phase)

Ceiling Suspended System

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

Key Features

- Indoor unit designed for direct ceiling suspension
- Flush to wall installation for concealment of service connections



Note: High efficiency filter is optional.



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 (2.13-8.80)	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		A+ / A+	A+ / A+	A+ / A+	A / A	N/A	N/A
AIRFLOW (m³/min)		Lo-Mi1-Mi2-Hi	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")
SOUND PRESSURE LEVEL (dBA)		Lo-Mi1-Mi2-Hi	32-34-37-40	33-35-39-41	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)			60	62	63	65	68
DIMENSIONS (mm)		Width x Depth x Height (Grille)	960 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	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
FUSE RATING (BS88) - HRC (A)			6	6	6	6	6
INTERCONNECTING CABLE No. Cores			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
ELECTRICAL SUPPLY			220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE			Single	Single	Single	Single	Single
SYSTEM POWER	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
INPUT (kW)							
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

Notes: All units charged to 7m (35-71), 30m (100-140) pipe length. Duty/standby not available on SUZ-KA50/60/71VA4.

Accessories

Indoor Units

PAR-SL94B

Wireless remote controller and adaptor

Outdoor Units

PAC-SG59SG

Air outlet guide for PUHZ-P100-140VHA3(VHA4)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SF83MA

A/M-NET adaptor for PUHZ-P100-140VHA3(VHA4)

PAR-31MAA

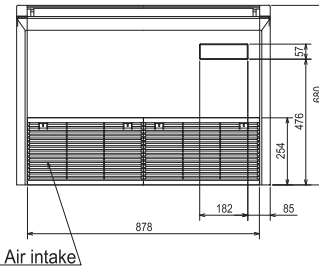
Remote controller

Note: additional accessories are available, please see the Optional Extras page at the end of this section for the full range.

Product Dimensions

PCA-RP50KAQ

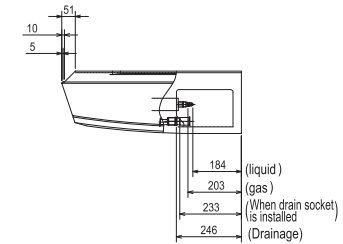
Front View



Upper View



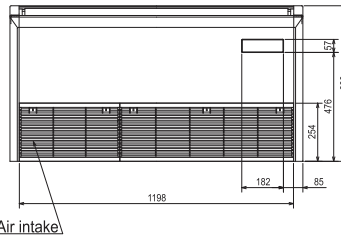
Back View



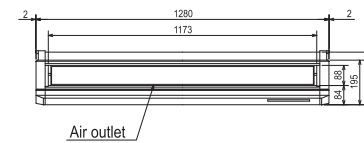
Product Dimensions

PCA-RP60/71KAQ

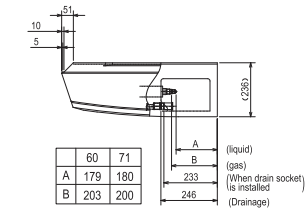
Front View



Upper View



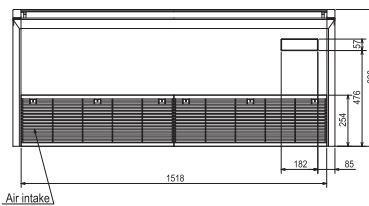
Back View



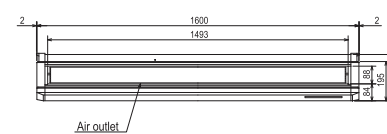
Product Dimensions

PCA-RP100/125/140KAQ

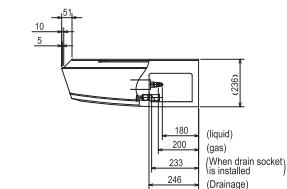
Front View



Upper View



Back View



PCA-RP Standard Inverter Heat Pump (Three Phase)

Ceiling Suspended System

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

Key Features

- Indoor unit designed for direct ceiling suspension
- Flush to wall installation for concealment of service connections



Note: High efficiency filter is optional.



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
ErP ENERGY EFFICIENCY CLASS		A / A	N/A	N/A
AIRFLOW (m³/min)		22-24-26-28	23-25-27-29	24-26-29-32
PIPE SIZE mm (in)		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)		37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)		63	65	68
DIMENSIONS (mm)		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	PUHZ-P125YHA Three Phase	PUHZ-P140YHA Three Phase
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

③ Three Phase Notes: All units charged to 7m (35-71), 30m (100-140) pipe length.

Accessories

Indoor Units

PAR-SL94B

Wireless remote controller and adaptor

Outdoor Units

PAC-SG59SG

Air outlet guide for PUHZ-P100-140YHA2(YHA)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SF83MA

A/M-NET adaptor for PUHZ-P100-140YHA2(YHA)

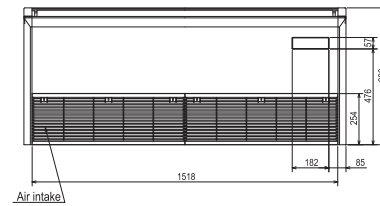
PAR-31MAA

Remote controller

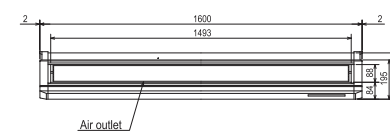
Product Dimensions

PCA-RP100/125/140KAQ

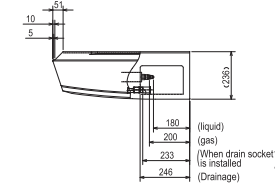
Front View



Upper View



Back View



Note: additional accessories are available, please see the Optional Extras page at the end of this section for the full range.