



PCA-RP Power Inverter Heat Pump

Ceiling Suspended
System (Single Phase)

Our wide range of power inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

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
- Refrigerant volume check function
- Duty Standby Operation
- Noise Reduction
- Demand Control
- Optional Heating Only



Air Conditioning

Product Information

PCA-RP Power 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 (2.5-6.6)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	5.0 (2.3-5.6)	6.0 (2.7-6.7)	7.1 (3.3-8.1)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	4.7 (2.15-5.6)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	4.6 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-13.8)
SHF (nominal & UK)		0.79	0.81	0.76	0.77	0.72	0.72
COP / EER (nominal)		3.79 / 3.73	3.63 / 3.67	3.64 / 3.90	3.68 / 3.75	3.68 / 3.14	3.50 / 3.39
SCOP / SEER (BS EN14825)		4.2 / 6.0	4.3 / 6.2	4.3 / 6.6	3.9 / 6.0	4.2 / 5.2	4.4 / 5.3
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A++	A+ / A++	A / A+	N/A	N/A
AIRFLOW (m³/min)		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)		12.7 (1/2") / 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")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)		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)		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

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP50VHA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA	PUHZ-ZRP125VKA	PUHZ-ZRP140VKA
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		46 / 44	48 / 47	48 / 47	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA) Cooling		65	67	67	69	70	70
WEIGHT (kg)		46	67	67	116	116	119
DIMENSIONS (mm) Width x Depth x Height		809 x 300 x 630	950 x 330 + 30 x 943	950 x 330 + 30 x 943	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338
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	Heating/Cooling (nominal)	1.45 / 1.34	1.93 / 1.66	2.20 / 1.82	3.04 / 2.67	3.80 / 3.98	4.57 / 3.95
	Heating/Cooling (UK)	1.29 / 1.14	1.72 / 1.41	1.96 / 1.55	2.71 / 2.27	3.38 / 3.38	4.07 / 3.36
STARTING CURRENT (A)		5.0	5.0	6.0	12.0	12.0	12.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		7.23 / 6.56 [13.4]	9.26 / 8.07 [19.4]	8.81 / 7.78 [19.4]	11.61 / 11.29 [27.2]	16.42 / 17.26 [27.3]	21.09 / 19.58 [28.9]
FUSE RATING (BS88) - HRC (A)		16	25	25	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0



Telephone: 01707 282880

email: airconditioning@meuk.mee.com web: www.airconditioning.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environmental Systems Division
Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England General Enquiries Telephone: 01707 282880 Fax: 01707 278881

IRELAND Mitsubishi Electric Europe Westgate Business Park, Ballymount, Dublin 24, Ireland
Telephone: Dublin (01) 419 8800 Fax: Dublin (01) 419 8890 International code: (003531)

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