



PEAD-RP Standard Inverter Heat Pump

Ceiling Concealed Ducted System (Three Phase)

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

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Low unit height - entire range only 250mm - minimal intrusion into occupied space
- Drain lift pump as standard
- High external static pressure
- Replace Technology available
- Refrigerant volume check function
- Duty Standby Operation
- Noise Reduction
- Demand Control
- Optional Heating Only

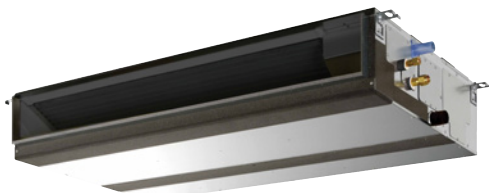


Air Conditioning

Product Information

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Making a
World of
Difference



PEAD-RP - INDOOR UNITS		PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
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)		0.85	0.85	0.84
COP / EER (nominal)		3.61 / 3.01	3.62 / 2.91	3.61 / 3.01
SCOP / SEER (BS EN14825)		3.8 / 4.6	3.9 / 3.5	3.7 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / B	N/A	N/A
AIRFLOW (m ³ /min)	Lo-Mi-Hi	24-29-34	29.5-35.5-42	32-39-46
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		61	63	66
DIMENSIONS (mm)	Width x Depth x Height	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		41	43	47
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)	3.103 / 3.120	3.870 / 4.220	4.430 / 4.520
INPUT (kW)	Heating/Cooling (UK)	2.76 / 2.65	3.44 / 3.59	3.94 / 3.84
STARTING CURRENT (A)		4.0	5.0	5.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		6.83 / 6.68 [15.65]	8.38 / 8.58 [15.76]	10.07 / 10.52 [15.78]
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

☐ Three Phase



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