



## PEAD-RP Power Inverter Heat Pump

### Ceiling Concealed Ducted System (Three 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

- 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
- Demand Control
- Noise Reduction
- Optional Heating Only

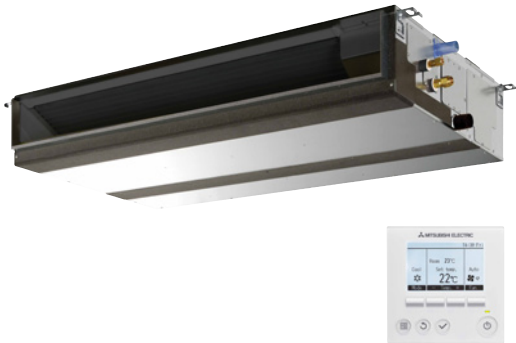


# Air Conditioning

## Product Information

### PEAD-RP Power Inverter Heat Pump Ceiling Concealed Ducted System (Three Phase)

Making a  
World of  
Difference



PEAD-RP - INDOOR UNITS		PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.3)
	Heating (UK)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.3 (5.7-14.1)
SHF (nominal & UK)		0.82	0.84	0.84
COP / EER (nominal)		4.31 / 3.80	3.86 / 3.09	3.81 / 3.07
SCOP / SEER (BS EN14825)		4.2 / 5.5	3.8 / 4.8	3.6 / 4.2
EP ENERGY EFFICIENCY CLASS Heating/Cooling		A+ / A	N/A	N/A
AIRFLOW (m³/min) Lo-Mi-Hi		24-29-34	29.5-33.5-42	32-39-46
PIPE SIZE mm (in)		Gas	15.88 (5/8")	15.88 (5/8")
		Liquid	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-ZRP - OUTDOOR UNITS		PUHZ-ZRP100YKA Three Phase	PUHZ-ZRP125YKA Three Phase	PUHZ-ZRP140YKA Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA) Cooling		69	70	70
WEIGHT (kg)		124	126	132
DIMENSIONS (mm) Width x Depth x Height		1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER Heating/Cooling (nominal)		2.60 / 2.63	3.63 / 4.05	4.20 / 4.36
INPUT (kW) Heating/Cooling (UK)		2.34 / 2.21	3.60 / 3.09	3.88 / 3.57
STARTING CURRENT (A)		4.0	4.0	4.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		5.45 / 5.52 [10.7]	7.83 / 8.24 [12.3]	9.63 / 9.21 [13.8]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.0	5.0	5.0

③ Three Phase



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