

Air Conditioning

Product Information

PEAD-RP100JAQ (Single Phase)
Standard Inverter Heat Pump
Ceiling Concealed Ducted System

Making a
World of
Difference

Mr.SLIM™



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

Key Features

- Reduced height - entire range only 250mm
- Wider range of external static pressure settings across entire range
- Drain pump included as standard



Air Conditioning | Heating
Ventilation | Controls



Air Conditioning

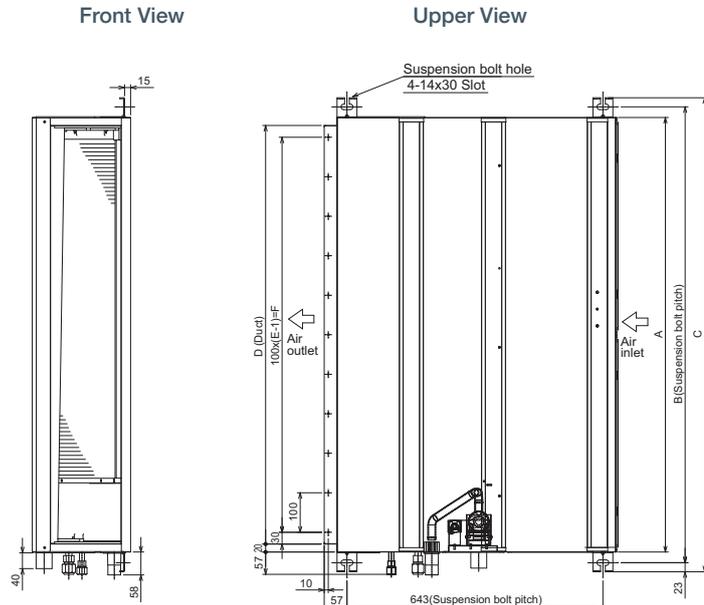
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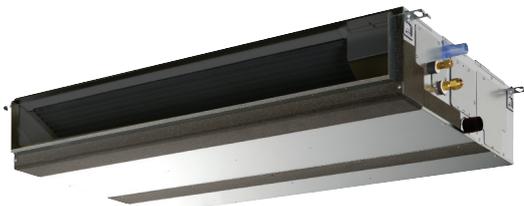
PEAD-RP - INDOOR UNITS		PEAD-RP100JAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)
	Cooling (nominal)	9.4 (4.9-11.2)
	Heating (UK)	9.5 (3.85-10.65)
	Cooling (UK)	8.65 (4.5-10.3)
SHF (nominal & UK)		0.85
COP / EER (nominal)		3.61 / 3.01
SCOP / SEER (BS EN14825)		3.8 / 4.6
E.P ENERGY EFFICIENCY CLASS Heating/Cooling		A / B
AIRFLOW (l/s) Lo-Mi-Hi		400-483-567
PIPE SIZE mm (in)		Gas 15.88 (5/8")
		Liquid 9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150
SOUND PRESSURE LEVEL (dBA) Lo-Mi-M2-M3-Hi		29-34-38
SOUND POWER LEVEL (dBA)		61
DIMENSIONS (mm) Width x Depth x Height		1400 x 732 x 250
WEIGHT (kg)		41
ELECTRICAL SUPPLY		Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE No. Cores		4

DIMENSIONS



PUHZ-P - OUTDOOR UNITS		PUHZ-P100VHA4
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		54 / 50
SOUND POWER LEVEL (dBA) Heating/Cooling		70
WEIGHT (kg)		75
DIMENSIONS (mm) Width x Depth x Height		950 x 330 + 30 x 943
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
SYSTEM POWER Heating/Cooling (nominal)		3.10 / 3.12
INPUT (kW) Heating/Cooling (UK)		2.76 / 2.58
STARTING CURRENT (A)		12.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		16.27 / 15.55 [30.65]
FUSE RATING (BS88) - HRC (A)		32
MAINS CABLE No. Cores		3
MAX PIPE LENGTH (m)		50
MAX HEIGHT DIFFERENCE (m)		30
CHARGE R410A (kg)		3.0

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



Model	A	B	C	D	E	F
PEAD-RP100JAQ	1400	1454	1500	1360	14	1300



Telephone: 01707 282880

email: air.conditioning@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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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



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Mitsubishi Electric UK's commitment to the environment



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Effective as of April 2015