PEAD-M R32 Ceiling Concealed Ducted

The **PEAD-M Power Inverter** range is a ceiling concealed ducted system that blends a host of outstanding features with an unobtrusive design for easy installation and maintenance. Offering high seasonal efficiency, advanced control options and extended pipe runs, this range is extremely flexible.

Key Features

- Entire range only 250mm in height
- Wider range of external static pressure settings
- Drain pump included as standard

PEAD-M - INDOOR UNITS		PEAD-M35JA	PEAD-M50JA	PEAD-M60JA	PEAD-M71JA	PEAD-M100JA	PEAD-M125JA	PEAD-M140JA
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	6.0 (2.5-7.3)	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)	3.6 (1.6-4.5)	5.0 (2.3-5.6)	6.1 (2.7-6.7)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.3)
	Heating (UK)	3.5 (1.35-4.4)	5.1 (2.15-6.2)	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)	3.3 (1.45-4.15)	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 (5.7-14.1)
SHF (nominal)		0.85	0.84	0.83	0.83	0.82	0.84	0.84
COP / EER (nominal)		4.47 / 4.30	4.57 / 4.16	4.33 / 4.04	4.14 / 3.82	4.31 / 4.18	4.18 / 3.75	4.03 / 3.69
SCOP (ηsh) / SEER (ηsc) (BS EN14825)		3.9 / 5.8	4.3 / 6.2	4.0 / 6.1	3.9 / 5.8	4.1 / 6.2	3.9 (153.2%) / 5.8 (235.8%)	4.0 (157.4%) / 5.7 (231.1%)
ERP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A+	A+ / A++	A+ / A++	A / A+	A+ / A++	-	-
AIRFLOW (l/s)	Lo-Mi-Hi	167-200-233	200-242-283	242-300-350	292-350-417	400-483-567	492-592-700	533-650-767
PIPE SIZE MM (in)	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	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	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	23-27-30	26-31-35	25-29-33	26-30-34	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		54	59	55	58	62	66	67
DIMENSIONS (mm)	Width x Depth x Height	900 x 732 x 250	900 x 732 x 250	1100 x 732 x 250	1100 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		26	27	30	30	39	40	44
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	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE NO. CORES		4	4	4	4	4	4	4
WIRED REMOTE CONTROLLER REFERENCE		PAR-40MAA	PAR-40MAA	PAR-40MAA	PAR-40MAA	PAR-40MAA	PAR-40MAA	PAR-40MAA