Air Conditioning

Product Information

PEAD-M R32 Standard Inverter
Ceiling Concealed Ducted System
Standard Inverter Heat Pump (Three Phase)

Making a World of Difference

Mr.SLIM

The **PEAD-M Standard 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 advanced control options and quiet operation, this range provides extreme flexibility and ease of installation whilst being cost effective.

Key Features

- Entire range only 250mm in height
- Wider range of external static pressure settings
- Drain pump included as standard
- Replace Technology available
- New single fan chassis on 12.5 and 14kW models

MITSUBISHI ELECTRIC

Cooling | Heating | Ventilation | Controls

R32

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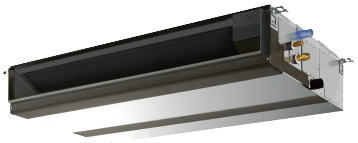


PEAD-M - INDOOR UNITS		PEAD-M100JA	PEAD-M125JA	PEAD-M140JA
CAPACITY (kW)	Heating (nominal)	11.2 (2.8-12.5)	13.5 (4.1-15.0)	15.0 (4.2-15.8)
	Cooling (nominal)	9.5 (4.0-10.6)	12.1 (6.0-13.0)	13.4 (6.1-14.1)
	Heating (UK)	9.63 (2.41-10.75)	11.61 (3.53-12.90)	12.90 (3.61-13.59)
	Cooling (UK)	8.65 (3.64-9.65)	11.01 (5.46-11.83)	12.19 (5.55-12.83)
SHF (nominal)		0.82	0.84	0.84
COP / EER (nominal)		3.80 / 3.30	3.61 / 3.01	3.61 / 2.81
SCOP (ηsh) / SEER (ηsc) (BS EN14825)		4.00 / 5.40	3.8 (152.7%) / 4.7 (193.1%)	3.7 (145.4%) / 4.7 (192.6%)
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A	A / B	A / B
AIRFLOW (l/s)	Lo-Mi-Hi	400-483-567	492-592-700	533-650-767
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)		62	66	67
DIMENSIONS (mm)	Width x Depth x Height	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		39	40	44
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
WIRED REMOTE CONTROLLER REFERENCE		PAR-40MAA	PAR-40MAA	PAR-40MAA

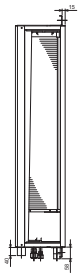
PUZ-M - OUTDOOR UNITS		PUZ-M100YKA [3]	PUZ-M125YKA [3]	PUZ-M140YKA [3]
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 54	54 / 56	55 / 57
SOUND POWER LEVEL (dBA)	Cooling	70	72	73
WEIGHT (kg)		78	85	85
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 x 981	1050 x 330 x 981	1050 x 330 x 981
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	2.94 / 2.87	3.73 / 4.01	4.15 / 4.76
	Heating/Cooling (UK)	2.65 / 2.38	3.36 / 3.33	3.74 / 3.95
STARTING CURRENT (A)		4.3	5.8	7.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.3 / 4.2 [11.5]	5.4 / 5.8 [11.5]	6.0 / 7.0 [11.5]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		3	3	3
MAX PIPE LENGTH (m)		55	65	65
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE REFRIGERANT (KG) / CO_2 EQUIVALENT (T)	R32 (GWP 675)	3.10 / 2.09	3.60 / 2.43	3.60 / 2.43
MAX ADDITIONAL REFRIGERANT (KG) / CO_2 EQUIVALENT (T)	R32 (GWP 675)	4.10 / 2.77	5.00 / 3.38	5.00 / 3.38

[3] Three Phase

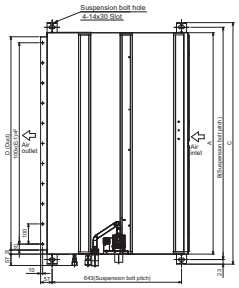
PRODUCT DIMENSIONS

PEAD-M100/125/140JA

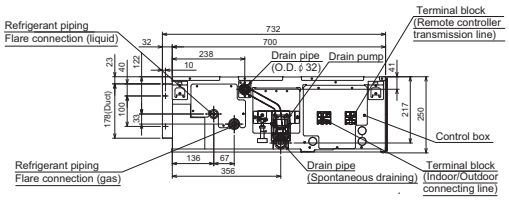
Front View



Upper View



Side View



Model	A	B	C	D	E	F
PEAD-M100,125JA	1400	1454	1500	1360	14	1300
PEAD-M140JA	1600	1654	1700	1560	16	1500