

PEA-M

R32 Large Capacity Ceiling Concealed Ducted System
Power Inverter Heat Pump (Three Phase)

Mr.SLIM™

The **PEA-M** large capacity ducted system offers the ultimate in flexibility for larger scale heating and cooling applications. Our latest version works with even greater lengths of ductwork through a 200Pa fan setting making it ideal for warehouse, atria and large retail applications.

Key Features & Benefits:

- Ultimate ductwork flexibility through 5 static pressure settings up to 200Pa
- Lower energy consumption through high efficiency indoor and outdoor units
- Easier system installation with 100m pipe run
- Utilises lower GWP R32 refrigerant



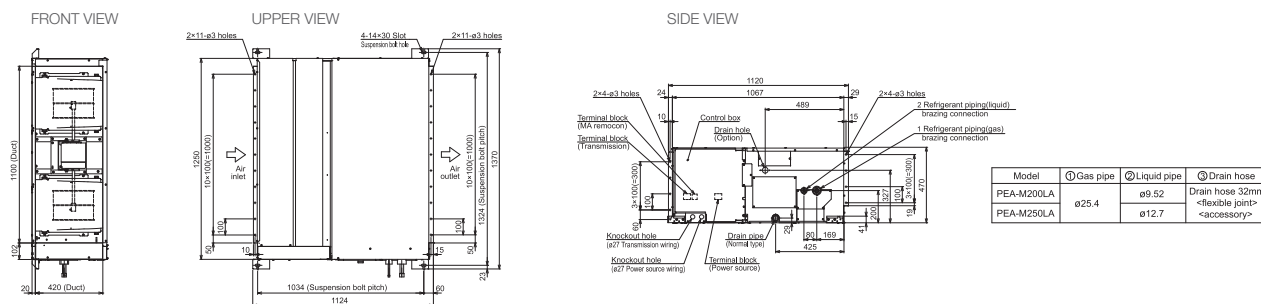
R32



PEA-M INDOOR UNITS		PEA-M200LA	PEA-M250LA
CAPACITY (kW)	Heating (nominal)	22.4 (7.1-25.0)	27.0 (7.3-31.0)
	Cooling (nominal)	19.0 (9.2-22.4)	22.0 (9.9-27.0)
	Heating (UK)	16.8 (5.3-18.8)	20.3 (5.5-23.3)
	Cooling (UK)	16.5 (8.0-19.5)	19.1 (8.6-23.5)
	SHF (nominal)	0.80	0.79
COP / EER (nominal)		3.50 / 3.30	3.40 / 3.05
SCOP (ηsh) / SEER (ηsc) (BS EN14825)		3.61 (141.5%) / 5.87 (231.9%)	3.57 (139.7%) / 5.41 (213.3%)
AIRFLOW (l/s) (150Pa)	Lo-Mi-Hi	700-850-1000	750-917-1083
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")
	Liquid	9.52 (3/8")	12.7 (1/2")
EXTERNAL STATIC PRESSURE (Pa)		60 / 75 / 100 / 150 / 200	60 / 75 / 100 / 150 / 200
SOUND PRESSURE LEVEL (dBA) (60Pa)	Lo-Mi-Hi	35 - 40 - 43	38 - 43 - 47
SOUND POWER LEVEL (dBA) (60Pa)	Lo-Mi-Hi	63 - 64 - 64	67 - 67 - 68
DIMENSIONS (mm)		Width x Depth x Height	1370 x 1120 x 470
WEIGHT (kg)		87	87
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single
POWER INPUT (kW)		0.35	0.53
RUNNING CURRENT (A) [MAX]		3.1	3.4
FUSE RATING (BS88) - HRC (A)		6	6
MAINS CABLE No. Cores		3	3
INTERCONNECTING CABLE		No. Cores	3
WIRED REMOTE CONTROLLER REFERENCE		PAR-40MAA	PAR-40MAA

PUZ-ZM OUTDOOR UNITS		PUZ-ZM200YKA	PUZ-ZM250YKA
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	62 / 59	62 / 59
WEIGHT (kg)		137	138
DIMENSIONS (mm)		Width x Depth x Height	1050 x 330+40 x 1338
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")
	Liquid	9.52 (3/8")	12.7 (1/2")
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	6.40 / 5.76	7.94 / 7.21
	Heating/Cooling (UK)	5.18 / 4.89	6.43 / 6.13
STARTING CURRENT (A)		5	5
SYSTEM RUNNING CURRENT (A)		9.57 / 8.58 [22.5]	13.3 / 11.6 [22.5]
FUSE RATING (BS88) - HRC (A)		25	25
MAINS CABLE No. CORES		5	5
MAX PIPE LENGTH (m)		100	100
MAX HEIGHT DIFFERENCE (m)		30	30
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)		R32 (GWP 675) - 30m	6.3 / 4.25
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)		R32 (GWP 675)	2.9 / 1.96

PEA-M DIMENSIONS



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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 equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of March 2021

