

# PEFY-MS-VMS-A

Ultra Thin Ceiling Concealed Ducted Indoor Unit



The **PEFY-MS-VMS-A** ceiling concealed ducted indoor unit has been designed with an ultra thin, slimline body, specifically for applications where ceiling void space is limited. With an extremely quiet operation, these units are ideal for applications such as hotel rooms.

## Key Features & Benefits:

- **Dual Refrigerant Compatibility** - Compatible with both R32 & R410A refrigerants, making it suitable for a wide range of both retrofit and new build projects
- **Enhanced Safety for R32 Applications** - built to work with R32 safety measures ensuring compliance with regulation, providing peace of mind
- **Optional Low Level Leak Detector (PAC-SL72SA-E)** - Provides long service life, easy maintenance and supports compliance and safety regulations
- **Compact Low-Height Design (200mm)** - Ideal for tight ceiling voids where space is limited
- **Three Fan Speed Options** - Offers a wide range of airflow settings, providing greater flexibility in air distribution to suit different room sizes and layouts
- **External Static Pressure Range (5-50Pa)** - Ensures consistent performance across various ductwork designs, offering installation flexibility
- **Low Noise Operation (22dBA)** - Utilises a centrifugal fan for quiet performance, creating a more comfortable indoor environment
- **Integrated Drain Pump** - Supplied as standard to simplify installation and ensure reliable condensate removal
- **Available in a 1.5kW Size** - perfect for hotel rooms, ensuring comfortable, energy-efficient operation with minimal disturbance.
- **Compatible with Plasma Quad Connect (MAC-100FT-E)** - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust

**R32 R410A**



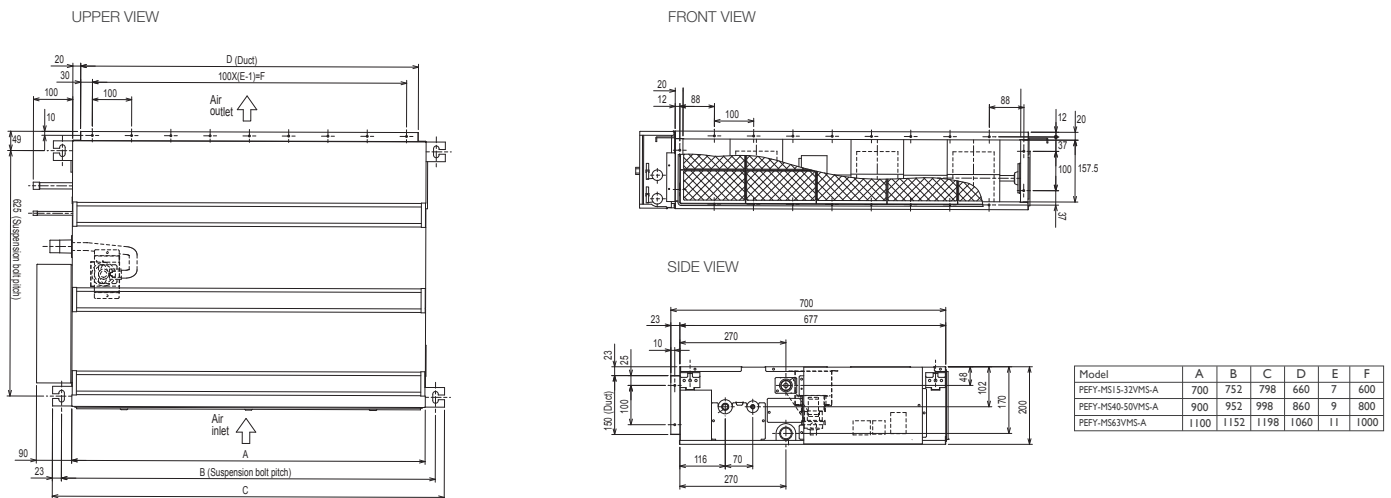
# R32 R410A



PEFY-MS-VMS-A INDOOR UNITS		PEFY-MS15VMS-A	PEFY-MS20VMS-A	PEFY-MS25VMS-A	PEFY-MS32VMS-A	PEFY-MS40VMS-A	PEFY-MS50VMS-A	PEFY-MS63VMS-A
CAPACITY (kW)	Heating (nominal)	1.9	2.5	3.2	4.0	5.0	6.3	8.0
	Cooling (nominal)	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	UK Heating	1.9	2.5	3.2	4.0	5.0	6.3	8.0
	UK Total Cooling - Hi (Sensible)	1.50 (1.40)	2.00 (1.70)	2.50 (2.10)	3.20 (2.50)	4.00 (3.00)	5.00 (3.80)	6.40 (4.90)
	UK Total Cooling - Mi	1.44	1.89	2.32	2.94	3.85	4.52	5.67
POWER INPUT (kW)	UK Total Cooling - Lo	1.34	1.76	2.07	2.57	3.61	4.22	5.27
	Heating (nominal)	0.030	0.035	0.042	0.062	0.050	0.080	0.100
AIRFLOW (l/s)	Cooling (nominal)	0.032	0.037	0.044	0.064	0.052	0.082	0.102
	Lo-Mi-Hi	83-100-117	92-108-133	92-117-150	100-133-175	133-158-183	167-208-250	200-267-333
EXTERNAL STATIC PRESSURE (Pa)		5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	22-24-28	23-25-29	23-26-30	23-28-34	28-30-33	30-34-37	30-35-40
WEIGHT (kg)		18.5	19.0	19.0	20.0	23.5	23.5	27.0
DIMENSIONS (mm)	Width	790	790	790	790	990	990	1190
	Depth	700	700	700	700	700	700	700
	Height	200	200	200	200	200	200	200
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.31 / 0.36	0.35 / 0.40	0.39 / 0.44	0.58 / 0.63	0.45 / 0.50	0.66 / 0.71	0.76 / 0.81
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3

Notes: PEFY-MS-VMS-A units are compatible for use with PURY-(E)M-YXM-A, PUHY-M-YXM-A, PURY-(E)P-YNW-A2, PUHY-P-YNW-A2, PUMY-(S)P-V/YKM/YBM, PUMY-(S)M-V/YKM, PQRY-P-Y(S)LM-A1 & PQHY-P-Y(S)LM-A1 outdoor units only.

### PEFY-MS15/20/25/32/40/50/63VMS-A DIMENSIONS



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Note: The fuse rating is for guidance only and 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), R515B (GWP:292), R454C (GWP:148), R1234ze (GWP:7) or R1234yf (GWP:4). \*These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a hydrocarbon, R290 (GWP:0.02). \*These GWP values are based on IPCC 6th edition.

Effective as of March 2026

