

PEFY-M-VMA-A1

Ceiling Concealed Ducted Indoor Unit

The **PEFY-M-VMA-A1** low-height ducted indoor unit is concealed within the ceiling space, offering unobtrusive air conditioning. The flexibility of duct layout allows airflow patterns to be arranged to suit any application.

Key Features & Benefits

- Additional fan speed (compared to previous model) provides a wider range of airflows and more flexible air distribution
 - High sensible cooling capacity combined with improved airflows, enabling better off-coil temperatures for enhanced occupant comfort levels
 - Low height of 250mm, allowing installation in smaller spaces
 - Flexibility of design and application with a wide range of external static pressure settings across the entire range (35-150Pa)
 - Low noise levels facilitated through use of a centrifugal fan
 - Drain pump included as standard
 - CN105 connector available - connect to MELCOBEMS MINI for simple BEMS interfacing
 - Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust.
- For more information, please refer to page 1.1.7

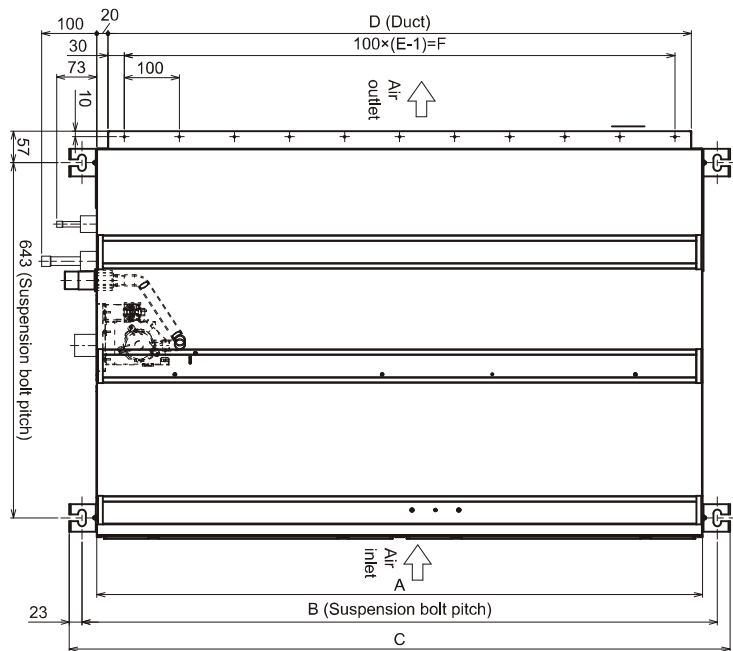
R32 R410A



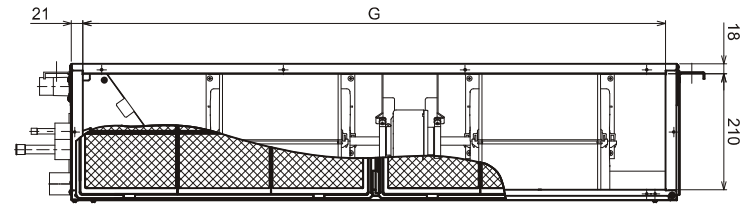
INDOOR UNITS		PEFY-M20VMA-A1	PEFY-M25VMA-A1	PEFY-M32VMA-A1	PEFY-M40VMA-A1	PEFY-M50VMA-A1	PEFY-M63VMA-A1	PEFY-M80VMA-A1	PEFY-M100VMA-A1	PEFY-M125VMA-A1
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	UK Heating	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	UK Total Cooling - Hi (Sensible)	2.00 (1.90)	2.50 (2.10)	3.20 (2.60)	4.0 (3.60)	5.00 (4.80)	6.40 (5.40)	8.10 (7.20)	10.0 (8.40)	12.5 (9.70)
	UK Total Cooling - Mi1	1.92	2.40	3.05	3.57	4.27	5.79	6.86	9.64	12.37
	UK Total Cooling - Mi2	1.83	2.28	2.87	3.31	4.00	5.32	6.33	9.17	12.01
POWER INPUT (kW)	UK Total Cooling - Lo	1.65	2.06	2.62	3.07	3.60	4.86	5.62	8.38	11.09
	Heating (nominal)	0.04	0.04	0.06	0.09	0.13	0.23	0.22	0.21	0.22
AIRFLOW (l/s) Cooling	Cooling (nominal)	0.04	0.04	0.06	0.09	0.13	0.14	0.17	0.21	0.22
	Lo-Mi2-Mi1-Hi	100-125-142-166	100-125-142-166	123-150-175-208	166-191-225-316	208-241-275-426	225-266-320-436	241-300-350-518	383-466-533-616	425-516-566-616
AIRFLOW (l/s) Heating	Lo-Mi2-Mi1-Hi	100-125-142-166	100-125-142-166	123-150-175-208	166-191-225-316	208-241-275-426	225-266-320-516	241-300-350-610	383-466-533-616	425-516-566-616
	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	40-50-70-100-150	40-50-70-100-150	40-50-70-100-150
SOUND PRESSURE LEVEL (dBA)*1	Lo-Mi2-Mi1-Hi	21.5-23-26.5-30	21.5-23-26.5-30	24-28-31.5-35.5	23.5-25.5-28.5-37	22-24-26.5-37	23-26-30-37.5	22-25-27.5-38.5	29.5-34-37.5-40	31.5-36.5-38.5-40.5
	Cooling	21.5-23-26.5-30	21.5-23-26.5-30	24-28-31.5-35.5	23.5-25.5-28.5-37	22-24-26.5-37	23-26-30-41.5	22-25-27.5-40.5	29.5-34-37.5-40	31.5-36.5-38.5-40.5
WEIGHT (kg)	Heating	21	21	21	25	30	30	37	37	38
	Width	700	700	700	900	1100	1100	1400	1400	1400
DIMENSIONS (mm)	Depth	732	732	732	732	732	732	732	732	732
	Height	250	250	250	250	250	250	250	250	250
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	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	Single	Single
RUNNING CURRENT (A)		0.33/0.33	0.33/0.33	0.48/0.48	0.67/0.67	0.90/0.90	1.48/0.95	1.41/1.11	1.38/1.38	1.33/1.33
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3	3	3

Note: *1 Measured in an anechoic chamber with a 1m inlet duct and 2m air outlet duct, 1.5m below unit

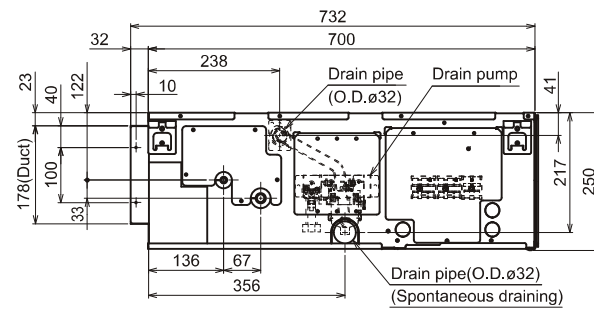
Upper View



Front View



Side View



Model	A	B	C	D	E	F	G
PEFY-M20,25,32VMA-A1	700	754	800	660	7	600	658
PEFY-M40VMA-A1	900	954	1000	860	9	800	858
PEFY-M50,63VMA-A1	1100	1154	1200	1060	11	1000	1058
PEFY-M80,100,125VMA-A1	1400	1454	1500	1360	14	1300	1358