PEFY-WP-VMS1-E

Ultra Thin Ceiling Concealed Ducted Indoor Unit

The **PEFY-WP-VMS1-E** ceiling concealed ducted indoor unit connects to the Hybrid Branch Controller and uses water as the heat transfer medium. It 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

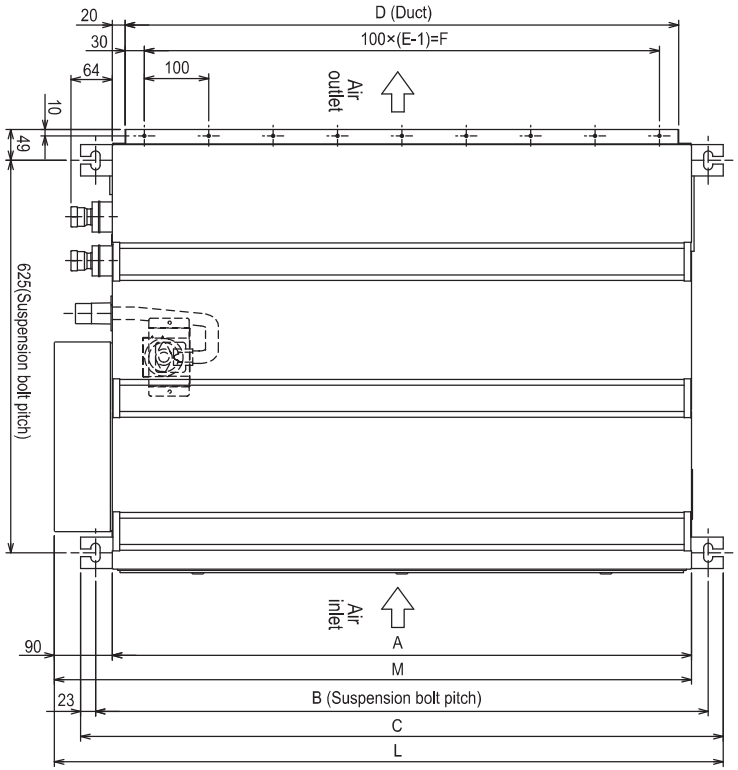
- Ultra thin body allowing installation in smaller spaces - height of only 200mm & width of only 790mm (size WP10-25)
- Extremely quiet operation for minimal disturbance - as low as 22dBA (size WP10-20)
- External static pressure of 5-50Pa, allowing flexibility of design and application
- Available in 1.1 and 1.5kW sizes, which are ideal for hotel rooms
- No refrigerant in occupied spaces, removing the need for leak detection under BS EN378
- Higher air off temperatures than standard VRF, allowing for improved comfort levels
- 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



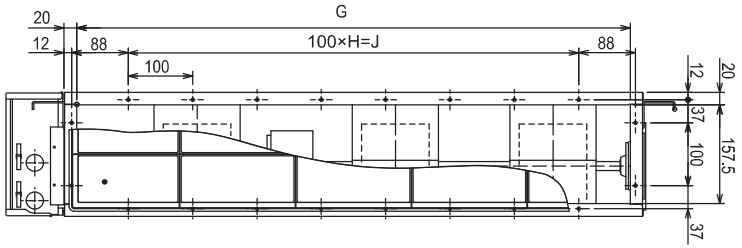
INDOOR UNITS		PEFY-WP10VMS1-E	PEFY-WP15VMS1-E	PEFY-WP20VMS1-E	PEFY-WP25VMS1-E	PEFY-WP32VMS1-E	PEFY-WP40VMS1-E	PEFY-WP50VMS1-E
CAPACITY (kW)	Heating (nominal)	1.4	1.9	2.5	3.2	4.0	5.0	6.3
	Cooling (nominal)	1.2	1.7	2.2	2.8	3.6	4.5	5.6
	UK Heating	1.4	1.9	2.5	3.2	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	1.10 (1.00)	1.50 (1.50)	2.00 (1.70)	2.50 (2.00)	3.20 (2.70)	4.00 (3.20)	5.00 (4.00)
	UK Total Cooling - Mi	1.07	1.44	1.89	2.32	3.03	3.82	4.78
	UK Total Cooling - Lo	1.03	1.34	1.76	2.08	2.88	3.61	4.51
POWER INPUT (kW)	Heating (nominal)	0.03	0.03	0.03	0.04	0.05	0.07	0.07
	Cooling (nominal)	0.03	0.05	0.05	0.06	0.07	0.09	0.09
AIRFLOW (l/s)	Lo-Mi-Hi	67-75-83	83-100-117	92-108-133	92-117-150	133-150-183	158-183-217	200-233-275
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	22-23-25	22-24-28	22-25-29	23-26-30	28-30-33	30-32-35	30-33-36
WEIGHT (kg)		19	19	20	20	25	25	27
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	0.21 / 0.21	0.33 / 0.44	0.38 / 0.49	0.40 / 0.51	0.50 / 0.61	0.62 / 0.73	0.66 / 0.77
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3
WATER PIPE CONNECTION		3/4" BSP SCREW	3/4" BSP SCREW	3/4" BSP SCREW	3/4" BSP SCREW	3/4" BSP SCREW	3/4" BSP SCREW	3/4" BSP SCREW

Note: HVRF indoor units can only be configured with the CMB-WM HBC (HVRF) and PURY-(E)M YNW-A1 or PQRY-P YLM-A1 outdoor units.

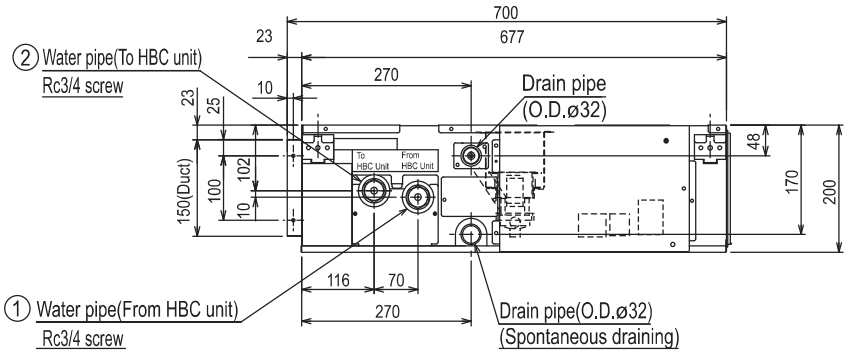
Upper View



Front View



Side View



Model	A	B	C	D	E	F	G	H	J	K	L	M	① Water pipe (From HBC unit)	② Water pipe (To HBC unit)
PEFY-WP10VMS1-E	700	752	798	660	7	600	660	5	500	16	839	790	Rc3/4 screw	
PEFY-WP15VMS1-E														
PEFY-WP20VMS1-E														
PEFY-WP25VMS1-E														
PEFY-WP32VMS1-E	900	952	998	860	9	800	860	7	700	20	1039	990		
PEFY-WP40VMS1-E														
PEFY-WP50VMS1-E	1100	1152	1198	1060	11	1000	1060	9	900	24	1239	1190		