

## **HVRF PFFY-WL-VEM-A**

## Floor Standing Exposed Indoor Unit



The PFFY-WL-VEM-A floor standing exposed unit connects to the Hybrid Branch Controller and uses water as the heat transfer medium. It is the first unit of its kind in the HVRF range, and is unique to Mitsubishi Electric in the R32 market. The stylish design and quiet operation provide simple and effective air conditioning in perimeter zones. Constructed in a robust casement, and with a depth of only 217mm, it offers a flexible solution for applications such as offices, retail, high end residential and hospitals.





## **Key Features & Benefits:**

- Perimeter air conditioning for retrofit applications, where ceiling void is not available
- Compact and stylish design in clear white and pearl grey, blends in with any interior
- DC fan motor and improved heat exchanger design, optimises system efficiency, allowing for low power consumption and running costs
- Wide airflow range with three fan settings (Low-Mid-High) for customised comfort
- Quiet operation as low as 23dBA, for minimal disturbance
- Can be floor mounted or wall mounted for better installation options
- Built-in housing for the remote controller on the unit chassis for convenient control
- Water pipe can be connected from the bottom or rear of the unit enabling improved installation flexibility



Floor Standing Exposed Indoor Unit



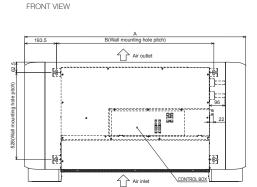


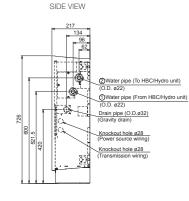


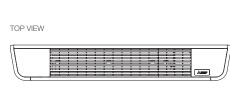
INDOOR UNITS		PFFY-WL20VEM-A	PFFY-WL25VEM-A	PFFY-WL32VEM-A	PFFY-WL40VEM-A	PFFY-WL50VEM-A
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6
	UK Heating	2.5	3.2	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	2.00 (1.6)	2.50 (1.9)	3.20 (2.4)	4.0 (3.0)	5.00 (3.8)
	UK Total Cooling - Mi	1.92	2.37	3.05	3.85	4.81
	UK Total Cooling - Lo	1.78	2.14	2.87	3.61	4.50
POWER INPUT (kW)	Heating (nominal)	0.021	0.029	0.036	0.037	0.064
	Cooling (nominal)	0.021	0.029	0.036	0.037	0.064
AIRFLOW (I/s)	Lo-Mi-Hi	83-100-117	92-117-142	108-125-150	133-158-183	175-208-242
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	23-27.0-31.0	25.0-31.0-36.0	29.0-33.0-37.0	29.0-33.0-36.0	35.0-40.0-43.0
WEIGHT (kg)		29.5	29.5	30	35	35
DIMENSIONS (mm)	Width	1142	1142	1142	1342	1342
	Depth	217	217	217	217	217
	Height	726	726	726	726	726
ELECTRICAL SUPPLY		220-240v, 50Hz				
PHASE		Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.25/0.25	0.33/0.33	0.38/0.38	0.38/0.38	0.65/0.65
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3
WATER PIPE CONNECTION		20mm I.D				

Key Features: Low height - only 250mm

## PFFY-WL20/25/32/40/50VEM-A DIMENSIONS







BOTTOM	VIEW
999.5	
206.5	Air filter / D 118

Model	Α	В	С	D	① Water pipe (From HBC/Hydro unit)	Water pipe (To HBC/Hydro unit)	
PFFY-WL20·25·32VEM-A	1142	755	967.5	729	O.D.ø22	O.D.ø22	
PFFY-WL40-50VEM-A	1342	955	1167.5	929	0.0.022		



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. 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-208B), R32 (GWP-208B), R32 (GWP-2076, R470C (GWP-1774), R134A (GWP-2018), R454B (GWP-246B), R12342e (GWP-7) or R1344 (GWP-2014), 'These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.826/2011 from IPCC 3rd edition, these are as follows. R410A (GWP-1975), R32 (GWP-550), R407C (GWP-1650) or R134a (GWP-1300).

Effective as of October 2023









