



Taking full advantage of heat recovery technology, the Mitsubishi Electric booster unit (**PWFY-P100VM-E-BU**) can achieve a flow temperature of up to **70°C** and is an ideal solution for providing a hot water supply to commercial buildings in an energy efficient manner.

Key Features

- The benefit of having air conditioning as well as a hot water supply from a single system means that the unit is suitable for a variety of applications
- Simple addition of the booster unit to the existing air conditioning system
- Perfect solution that allows inconveniences that arise when installing gas boilers such as gas grid connection costs, meter installation and maintenance costs to be eliminated
- Uses the PAR-W21MAA controller



Air Conditioning

Product Information

PWFY-P-VM-E-BU VRF Sanitary Water Heater

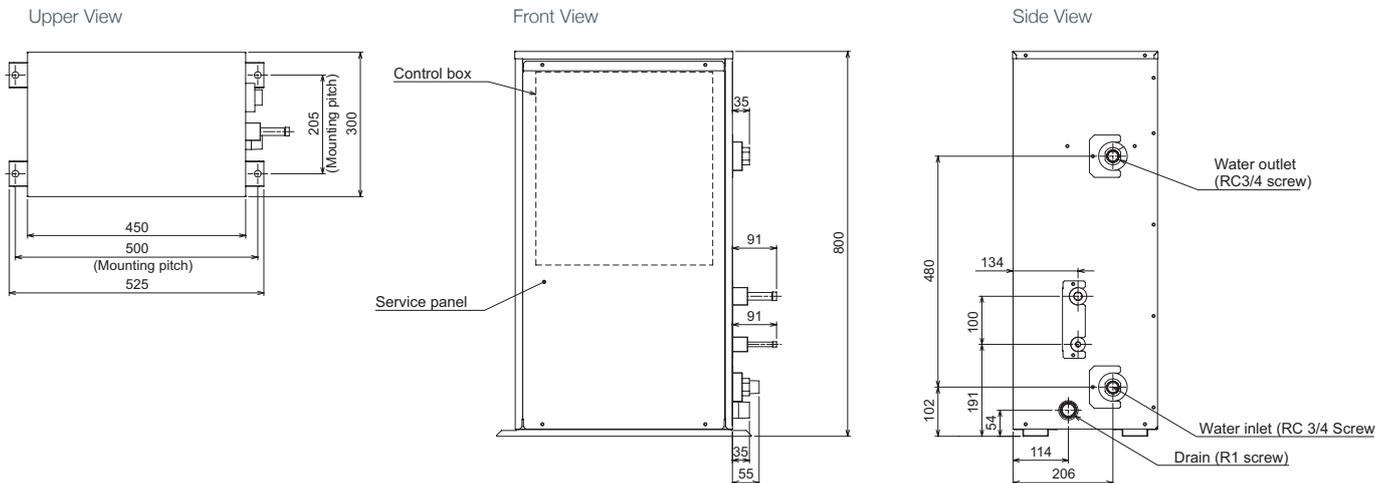
Making a
World of
Difference



SANITARY WATER HEATER		PWFY-P100VM-E-BU
CAPACITY (kW)	Hot water (nominal)*1 Hot water (UK)*2	12.50 8.00 2.48
POWER INPUT (kW)		2.48
COMPATIBLE OUTDOOR / CONDENSING UNITS		PURY / PQRY
PIPE SIZE mm (in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
	Water Connection	PT 3/4" Screw
	Water pipe size	28
SOUND PRESSURE LEVEL (dBA)		44
MAX WATER TEMPERATURE (°C)		70
OPTIMUM WATER FLOW RATE (m³/h)		1.5
WATER PRESSURE DROP AT OPTIMUM FLOW RATE (kPa)		22.5
WEIGHT (kg)		60
DIMENSIONS (mm)	Width	450
	Depth	300
	Height	785 (800)
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
RUNNING CURRENT (A)		10.66
FUSE RATING (BS88) - HRC (A)		25
MAINS CABLE No. Cores		3
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) R134a (GWP 1430)		1.1 / 1.6

Notes: *1 Nominal conditions: Outdoor 7/6°C, 65°C inlet water temperature, 1.5m³/h water flow rate, 7.5m refrigerant pipe. (Please note this is a spot condition and not capacity over tank heat up).
*2 Typical capacity at -10°CWB outdoor temperature for tank heat up.

PRODUCT DIMENSIONS PWFY-P100VM-E-BU



Telephone: 01707 282880
email: air.conditioning@meuk.mee.com
web: airconditioning.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division
Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England General Enquiries Telephone: 01707 282880 Fax: 01707 278881

IRELAND Mitsubishi Electric Europe Westgate Business Park, Ballymount, Dublin 24, Ireland
Telephone: Dublin (01) 419 8800 Fax: Dublin (01) 419 8890 International code: (003531)

Country of origin: United Kingdom – Japan – Thailand – Malaysia. ©Mitsubishi Electric Europe 2017. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

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) or R134a (GWP:1430). *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).



www.greengateway.mitsubishielectric.co.uk
Mitsubishi Electric UK's commitment to the environment

Follow us @meuk_Jes
Follow us @green_gateway

Mitsubishi Electric
Living Environmental Systems UK

mitsubishielectric2

thehub.mitsubishielectric.co.uk

Effective as of September 2017