



Taking full advantage of heat recovery technology, the Mitsubishi Electric booster unit 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-P100VM-E-BU VRF Sanitary Water Heater

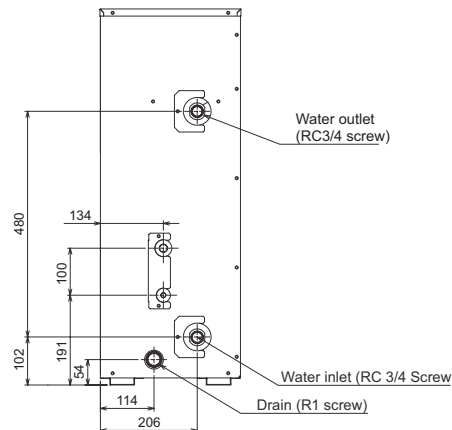
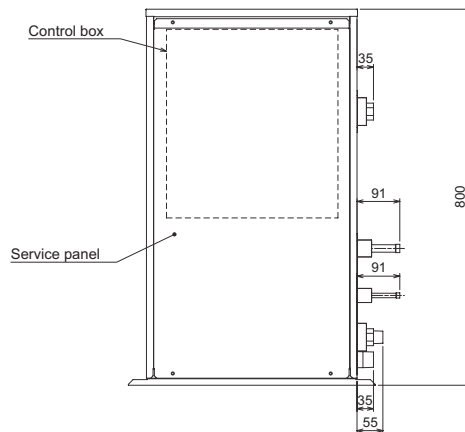
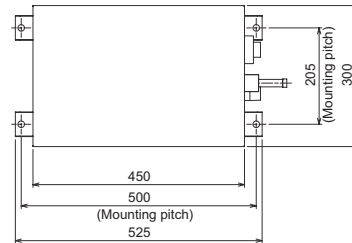
Making a
World of
Difference

SANITARY WATER HEATER		PWFY-P100VM-E-BU
CAPACITY (kW)	Hot water (nominal)*1	12.50
	Hot water (UK)*2	8
POWER INPUT (kW)		2.48
COMPATIBLE OUTDOOR / CONDENSING UNITS		PURY / PQRY
REFRIGERANT CHARGE (kg) High Temp Circuit		1.1 (R134a)
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 (m ³ /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

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.

DIMENSIONS



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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 and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



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to the environment

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