



Packaged space heating and domestic hot water solution for Ecodan monobloc air source heat pumps



Manufactured in the UK

The packaged cylinder unit is the latest generation hot water tank, with integrated hydraulic components and advanced self-learning controls.

Designed specifically by Mitsubishi Electric to integrate with the Ecodan monobloc air source heat pump range, the packaged cylinder unit provides improved performance with a simple to use graphical interface controller. Fast on site commissioning now available via a pre-programmed SD card.

Key Features

- Simple graphical control
- 2-zone energy efficient space heating control
- Sleek modern design
- Compatible with Mitsubishi Electric wireless room controllers
- Back up electrical heaters
- Pre-plumbed and wired for faster installation
- Bivalent function, for use with conventional boilers
- SD card commissioning
- Cascade function for multiple unit control





SELF LEARNING CONTROLLER



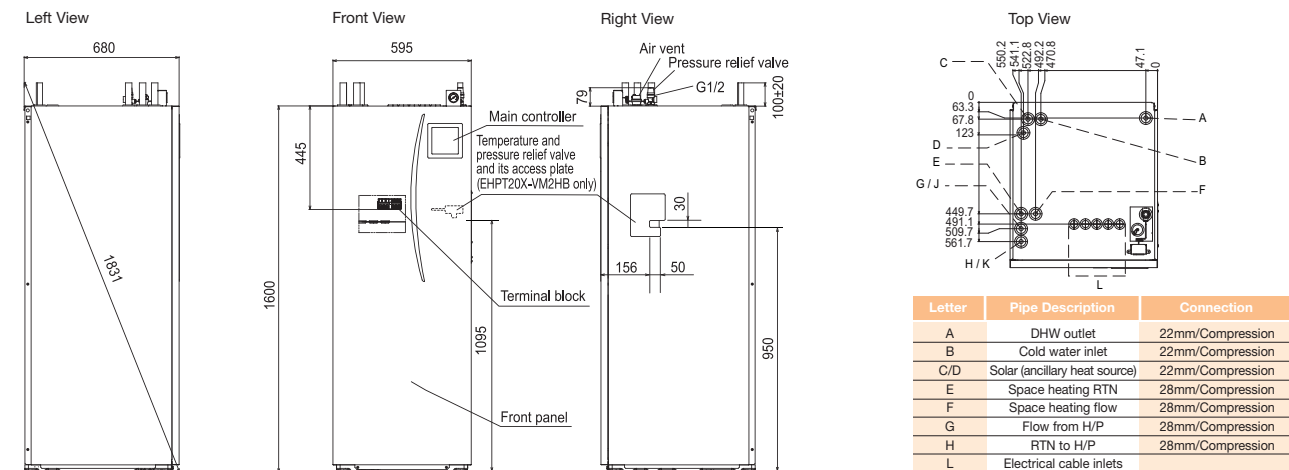
Mitsubishi Electric's fourth-generation controller includes intelligent, self-learning room temperature control as standard. This together with advanced weather compensation ensures the system delivers efficient, comfortable heating regardless of the season.

PACKAGED CYLINDER UNIT

PACKAGED CYLINDER UNIT		EHPT20X-VM2HB
Nominal hot water volume (litres)		200
Operating Ambient Temperature (°C DB)		0 - +35°C (RH<80%)
Sound Pressure Level at 1m (dBA)		28
Water Data		
Flow Rate (l/min) W50 - W85 - HW140		14.3 - 25.8 - 40.1
Pump		Grundfos UPM2 25 70-180
Connection Size (mm) Heating / DHW		28 / 22
Primary Expansion Vessel (Litres)		12
Charge Pressure (MPa (Bar))		0.1 (1)
Control Thermistor (°C)		1 - 80
Pressure Relief Valve (MPa (Bar))		0.3 (3)
Flow switch		Supplied
Water Safety Devices	Water Circuit	
	Booster Heater	
	DHW Tank	
Booster heater control thermistor (°C)		80
Booster heater manual reset thermostat (°C)		90
Booster heater thermal cut off (°C)		121
Control Thermistor (°C)		40-70
Temp and pressure relief valve (°C)/ (MPa (Bar))		90 / 0.7 (7)
Dimensions (mm)		
Width		680
Depth		595
Height		1600
Weight empty/full (kg)		113 / 326
Electrical Data		
Control Board - optionally powered by outdoor unit	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Fuse Rating - MCB Sizes (A) ¹	10
Immersion heater	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Capacity (kW)	3
	Max Running Current (A)	13
	Fuse Rating - MCB Sizes (A) ¹	16
Booster heater - optionally powered if required	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Capacity (kW)	2
	Max Running Current (A)	9
	Fuse Rating - MCB Sizes (A) ¹	16

¹ MCB Sizes BS EN60898-2 & BS EN60947-2

EHPT20X-VM2HB DIMENSIONS



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