

EHPT20Q-VM2EA

FTC5 Thermal Store Cylinder

For Ecodan R744 Monobloc Units



Key Features:

- Unvented Plug & Play Packaged Thermal Store
- Instantaneous DHW generation
- Unique hot water generation solution
- Flexible 2-zone space heating control
- MELCloud Enabled

Key Benefits:

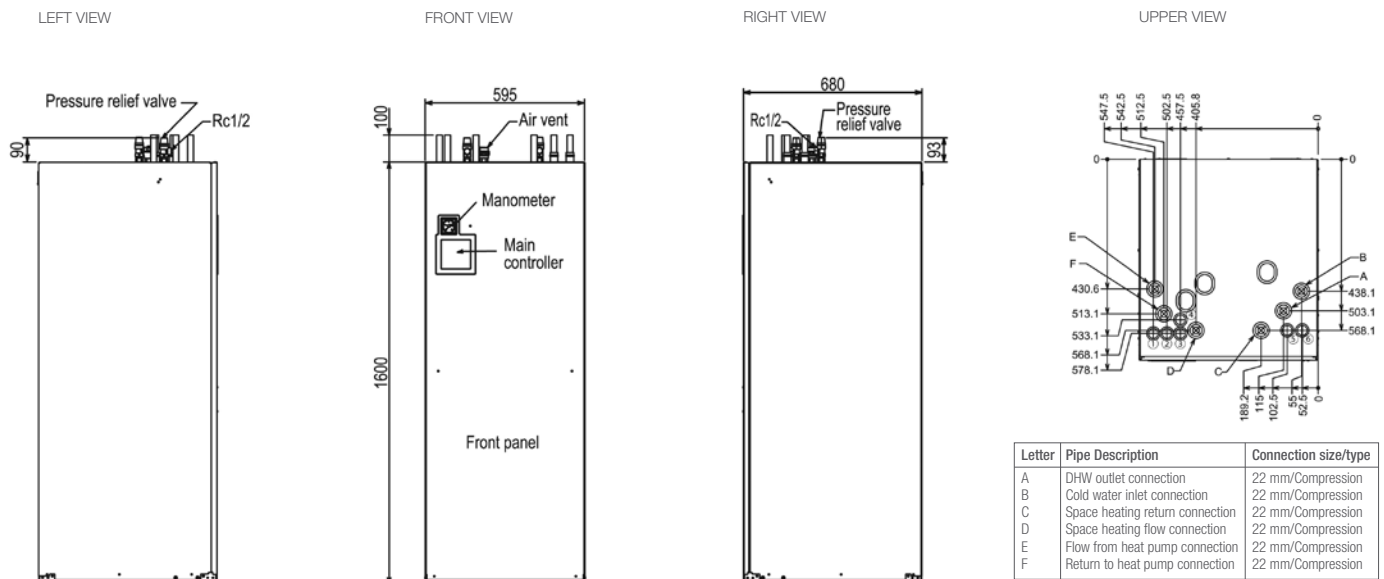
- Minimal installation time
- Immersion heater not required for legionella prevention
- High domestic hot water flow rate
- Improved comfort and reduced energy use
- Remote control, monitoring, maintenance and technical support



ecodan[®]
Renewable Heating Technology

THERMAL STORE		EHPT20Q-VM2EA
NOMINAL THERMAL STORE WATER VOLUME (LITRES)		200
WATER TEMPERATURE RANGE		DHW Mode (°C) 40-70 Space Heating Mode (°C) 25-60
MECHANICAL ZONES		DHW and 1 Heating Zone (2 Zone capability with 3rd party 2-port valves)
OPERATING AMBIENT TEMPERATURE (°C DB)		0 ~ +35°C (RH<80%)
SOUND PRESSURE LEVEL AT 1M (dBA)		30
SOUND POWER LEVEL (dBA) ⁴		40
WATER DATA		Primary Pump Grundfos Solar PML 25-145 180 Sanitary Hot Water Pump Grundfos Solar PML 25-145 180 Connection Size (mm) Heating / DHW 22 / 22 Primary Expansion Vessel (Litres) 25 Charge Pressure (MPa (Bar)) 0.1 (1)
WATER SAFETY DEVICES		Pressure relief valve (Mpa (Bar)) 0.3 (3) - 2 No. devices Flow sensor (supplied) Min. flow 1.3 L/min Manual reset thermostat (°C) 90
DIMENSIONS (mm)		Width 595 Depth 680 Height 1600
WEIGHT EMPTY / FULL (kg)		77 / 283
ELECTRICAL DATA		Electrical Supply 220-240v, 50Hz Phase Single Maximum Running Current (A) 12.8 Fuse Rating - MCB Sizes (A) ⁶ 20
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER		PAR-WT50-E Controller and PAR-WR51-E Receiver

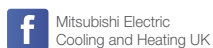
EHPT20Q-VM2EA DIMENSIONS



All dimensions (mm)



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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:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *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).

Effective as of August 2020

