

HARTON

vented units plumbing system D

Plumbing Unit with indirect hot water, boosted hot and cold water, sealed heating system and integrated electric boiler.

This unit includes the following:

- Sealed cold water storage tank, fitted ball valve, tank connection and insulating jacket (supplied loose).
- Insulated hot water cylinder with back up immersion heater.
- Integrated twin 1.5 bar negative head pump boosting hot and cold water services (larger duty pumps also available).
- Electric boiler with heating pump (unit shown has 2 boilers).
- Sealed expansion vessel and filling loop.
- Interconnecting pipework and isolation valve between the cold water storage and the cylinder, including a down service.
- Interconnecting pipe work and electrical control valves between the boiler, cylinder and heating flow and returns.

Includes all electrical wiring, terminating in a wiring centre on the unit. A programmer and room thermostat can be supplied loose (for wiring by others). Electrical supply to suit power rating of the boiler(s) is connected (by others) directly into the boiler control panel. Two 5A spurs, one to the wiring centre and the other to the domestic booster pump, plus a 3 kW power supply to the immersion heater are required, as are the incoming water main, overflow connection, heating flow and return and domestic hot and cold water connections.

These units are available in the following standard sizes:

Tank	Cylinder	Dimensions (mm)
227 litres	140 litres	750 x 700 x 2050
227 litres	210 litres	800 x 700 x 2050
180 litres	140 litres	750 x 700 x 1900
180 litres	210 litres	800 x 700 x 1900

Special units with other capacities and dimensions can also be supplied to customer requirements. Harton will issue specific drawings of units for approval before manufacture.



All potable water materials are WRAS approved.

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