

Cold Water Accessories

CWP1 Cold Water Control Pack



Cold Water Control Pack CWP1

(Part No. 87783101)



For universal use with Redring and other brands of unvented water heater.

The CWP1 (87783101) pack contains:

- Expansion Vessel (Diameter 120mm x Height 235mm)
- Pressure Reducing Valve (6 Bar)
- Check Valve
- All with 15mm (1/2" BSP) fittings

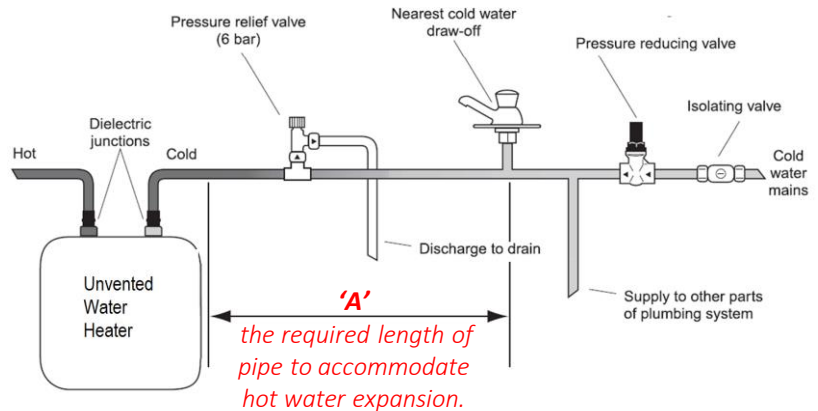
When is an Expansion Vessel Required?

When water is heated it expands, when this occurs in a small unvented water heater (unvented i.e. closed – not open to atmospheric pressure), the expanded water can often be accommodated in the cold mains supply pipework; this is in accordance with the Water Regulations.

The User Instruction Manual / Installation Guide for the water heater will advise the minimum pipe lengths required for this expansion (see measurement 'A' in the diagram below).

If there is not sufficient pipework to take up the expanded hot water then an Expansion Vessel **must** be installed, otherwise the resulting pressure can cause plumbing system problems or early failures.

A Typical Unvented Water Heater Installation



Pressure Reducing Valve required when the water supply pressure is ABOVE 6 Bar and needs to be reduced, to work within the parameters of the water heater.



Check Valve prevents backflow of thermally expanded (heated) water from returning in the wrong direction into cold supply.



Expansion Vessel required when the cold water pipe between the heater and the first draw off point (tap) is not long enough to accommodate the expansion of hot water.

