



CASH ACME PRESSURE & TEMPERATURE RELIEF VALVE

- PTEM510001 1/2" MBSP x 15mm 6.0 bar
- PTEM510002 1/2" MBSP x 15mm 7.0 bar
- PTEM510003 1/2" MBSP x 15mm 10.0 bar

OVERVIEW

Compact pressure and temperature relief valves designed to provide protection against over pressurisation, which can occur within an unvented hot water system if the input temperature or pressure controls fail. The valves are designed to be fitted to the upper portion of a hot water cylinder as this is where the hottest temperatures in the system will be found. If the system rises above 95°C, the wax mixture within the element of the temperature probe will expand, this will lift the valve off its seat and release water to waste, thereby reducing the pressure within the cylinder. Also if the water pressure increases (without temperature increase) the valve will stay closed until the set pressure of the relief mechanism is reached, at which point the valve will again open and the excess pressure is relieved.



WATER CONTROLS FOR A MODERN WORLD

RELIANCE

TEMPERATURE
CONTROL

FLOW
CONTROL

HEATING SYSTEM
COMPONENTS

WASHROOM
SYSTEMS

HEATING & COOLING
DISTRIBUTION SYSTEMS

PLUMBING
SYSTEMS

CASH ACME PRESURE & TEMPERATURE RELIEF VALVE

FEATURES AND BENEFITS

- Protect against temperature rising beyond 95°C
- Prevent over pressurisation
- Lift lever design
- Range of different pressure settings

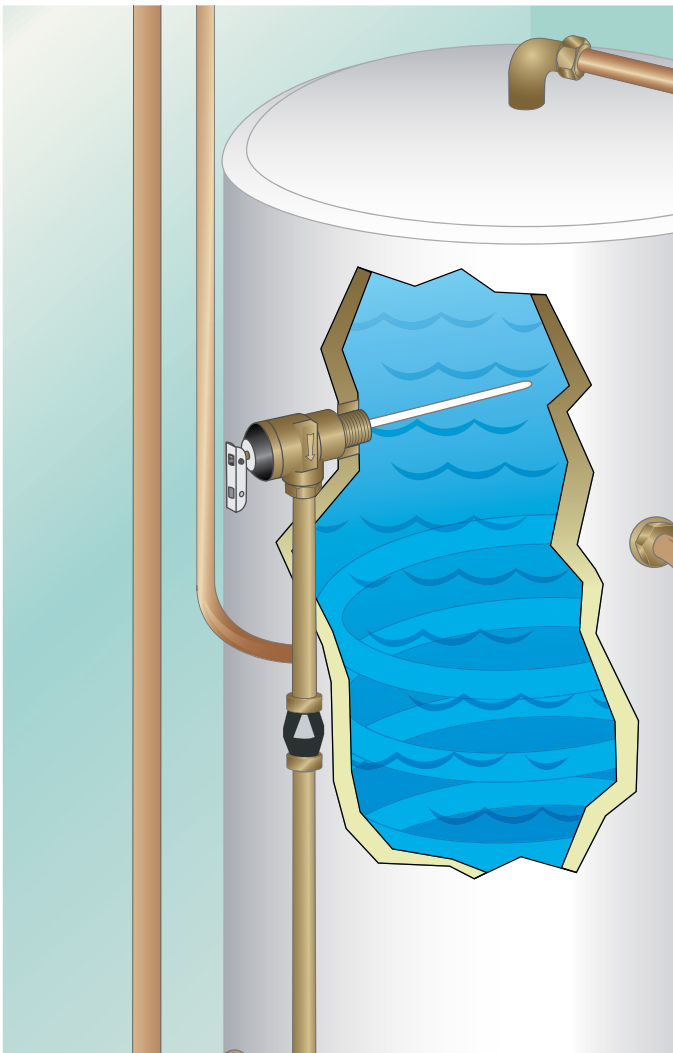
SPECIFICATIONS

Temperature relief:	90-95°C
Pressure relief tolerance:	+/-5%
kW rating:	10kW
Maximum ambient temperature:	100°C
Probe length:	95mm

STANDARDS AND APPROVALS

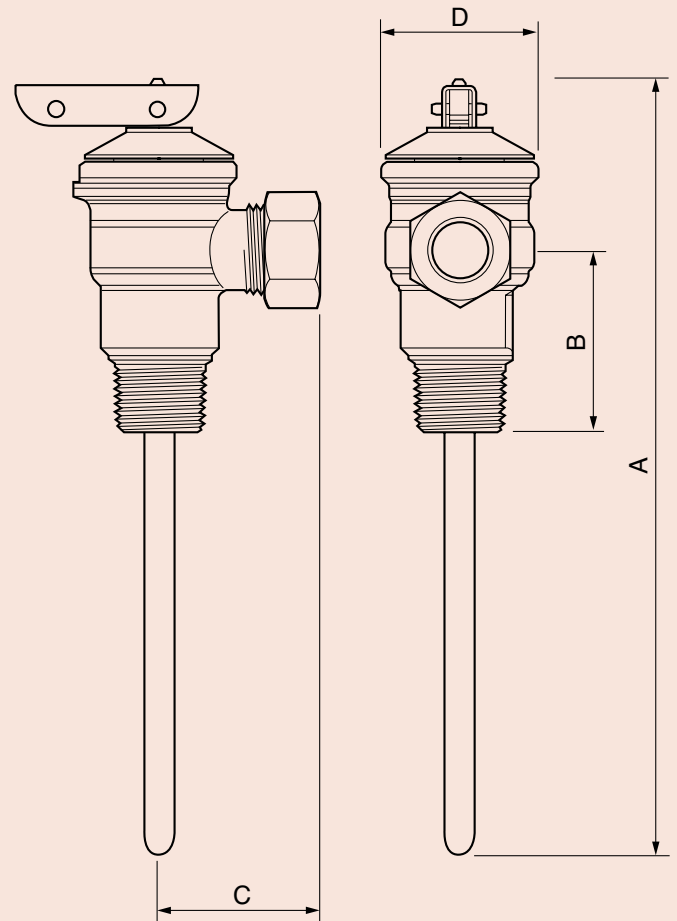
- BS EN 1490
- WRAS Approved

TYPICAL INSTALLATION



DIMENSIONS

All dimensions in mm unless otherwise stated.



Product Code	A	B	C	D
PTEM510001	182.5	80	55	40
PTEM510002	187	88	38	31
PTEM510003	187	88	38	31