



Expansion Tanks and Combination Temperature and Pressure-Relief Valves

The expansion tank is designed to handle the thermal expansion of water as it heats up in the water heater, preventing excessive water pressure. If water pressure gets too high it can damage valves in plumbing fixtures, joints in supply pipes and the water heater itself.

The California Plumbing Code (Section 608.3) and the California Mechanical Code (Section 1005.0) require a thermal expansion tank to be installed on all closed plumbing water heating systems. A pressure regulator blocks the pressure backflow between the main water supply and the house in the closed plumbing systems.

