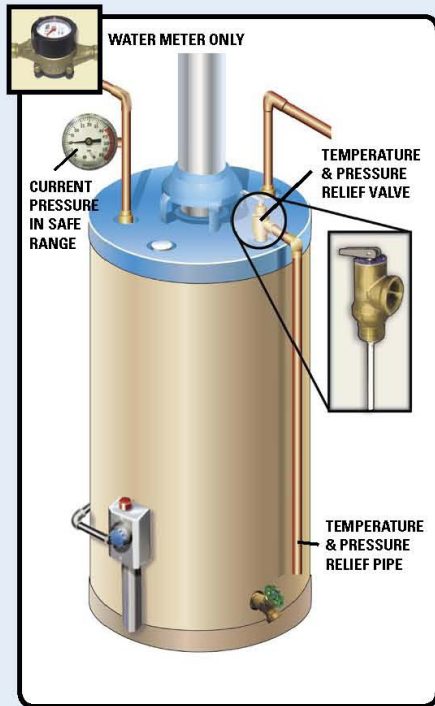


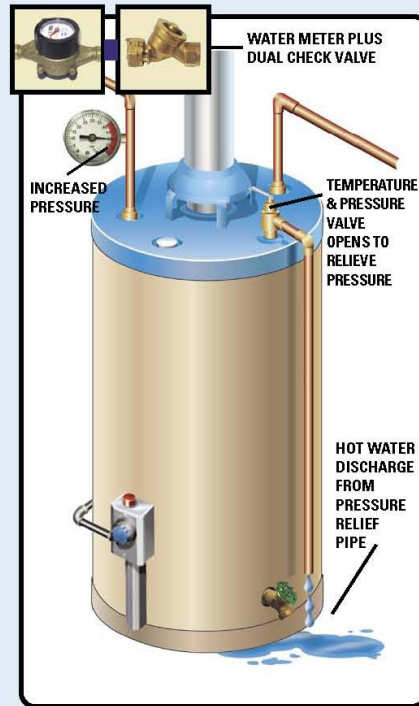


THE BIRMINGHAM
WATER WORKS

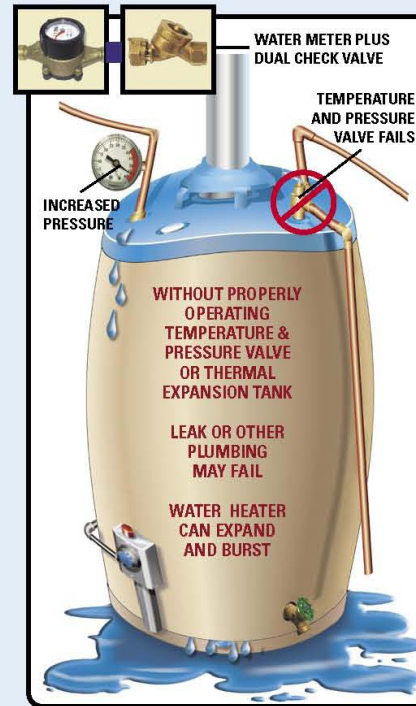
Thermal Expansion Modifications



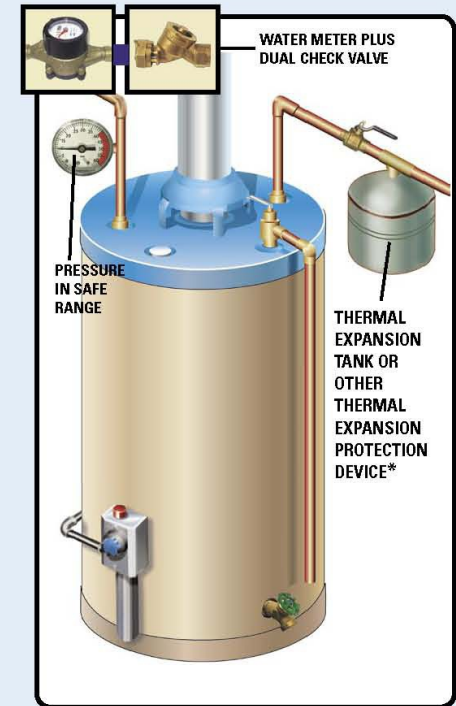
CURRENT CONFIGURATION



**DUAL CHECK VALVE
INSTALLED AT METER**



**DUAL CHECK VALVE
WITHOUT
THERMAL EXPANSION TANK
TEMPERATURE AND PRESSURE
RELIEF VALVE FAILS**



**DUAL CHECK VALVE AND
THERMAL EXPANSION TANK
INSTALLED**

* THE PLUMBING CODE REQUIRES INSTALLATION OF A THERMAL EXPANSION PROTECTION (T.E.P.) DEVICE IF A DUAL CHECK VALVE IS INSTALLED AT THE METER. THE TEMPERATURE & PRESSURE VALVE CAN FAIL RESULTING IN PLUMBING DAMAGE IF NO T.E.P. DEVICE IS INSTALLED.