

Thermal Expansion Tank

WARNING 

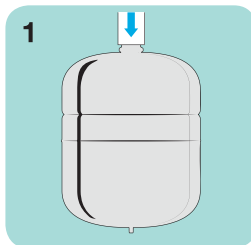
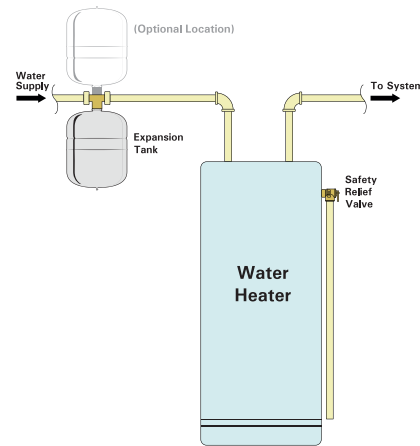
Improper installation, adjustment, alteration, service or maintenance can cause property damage, serious bodily injury or death. Read instructions completely before proceeding with installation. Only qualified personnel may install or service this equipment in accordance with local codes and ordinances.

Do not exceed 80psi (5.5 bar) air charge. Air charge pressure exceeding 80psi (5.5 bar) could become hazardous and will void any and all warranties, either written or implied. Failure to follow these instructions will result in the possibility of property damage, serious bodily injury or death.

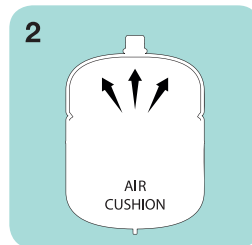
This Expansion Tank is designed and intended for water storage at a maximum pressure of 150psi (10.3 bar) and a maximum temperature of 200°F (93°C). Any use other than for potable water or a sustained or instantaneous pressure in excess of 150psi (10.3 bar) or 200°F (93°C) is UNSAFE and can cause property damage, serious bodily injury or result in death.

PRE-INSTALLATION

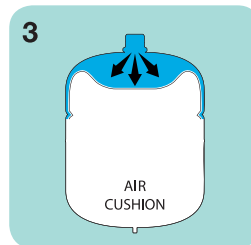
- 1 Visually inspect expansion tank for any damage.
- 2 Adjust pre-charge to equal system fill pressure.
- 3 Replace and tighten plastic cap on air fitting.



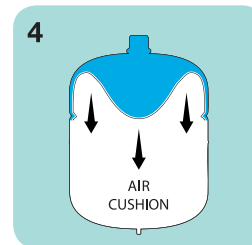
1 Drain the boiler system or isolate the area where the expansion tank will be installed.



2 Install the expansion tank on the supply side of the water heater, on the suction side of the geating circulator.



3 Once the expansion tank is installed, re-pressurize the system and check for leaks. Repair as necessary.

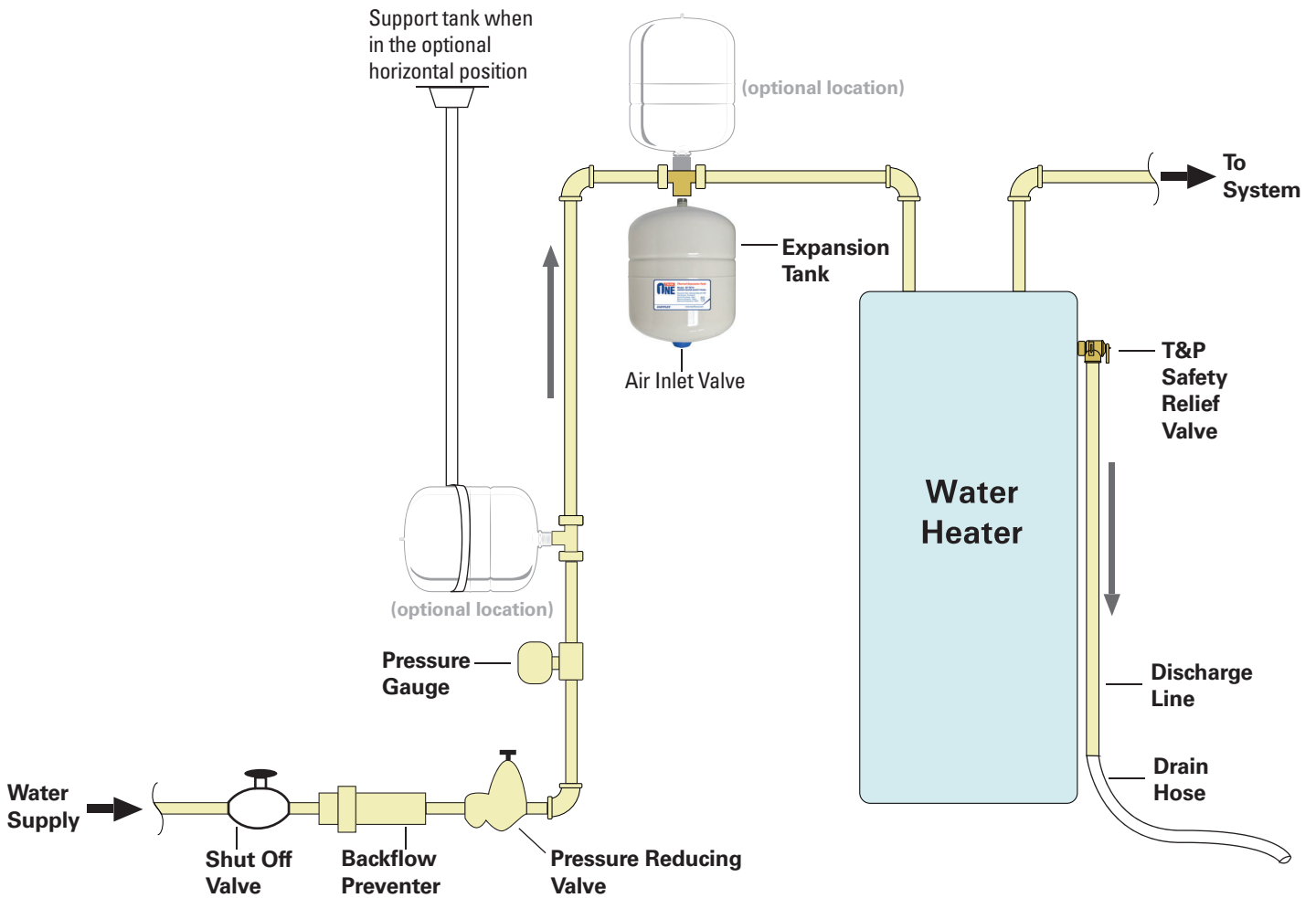


4 Restart the water heater system and check for relief valve discharge. If the relief valve drips, the tank may be improperly charged or undersized.

The expansion tank is now operational and will absorb expanded water during water heater operation.

HORIZONTAL INSTALLATION

Please refer to this diagram for a thermal expansion tank in a horizontal installation application.



CAUTION: Depending on your local plumbing codes or at the discretion of the AHJ, when installing the Thermal Expansion Tank vertically in a downward position, ensure the tank is supported and is able to hold the weight of a full tank of water.