

# Installation Instructions for Temperature and Pressure Valve

## WARNING

### Explosion Hazard



If the temperature and pressure relief valve is dripping or leaking, have a licensed plumber repair it. Do not plug valve. Do not remove valve. Failure to follow these instructions can result in death, or explosion.

A Temperature and Pressure relief valve provides protection against both excessive temperature and pressure. If either of these develop in the system, the valve will open and discharge water. If your valve is opening, please call the heater manufacturer for assistance in diagnosing the reason and addressing the cause.

## Installation Instructions

### Installing T&P valve:

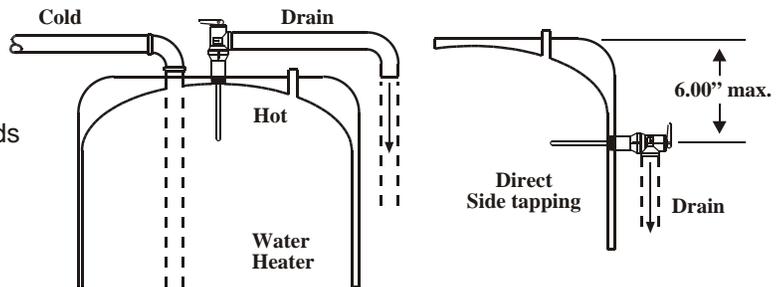
1. Before starting water heater installation, apply Teflon® Tape or approved pipe sealant on threads and install a T&P valve in the opening marked, "T&P Relief Opening." Connect a drain pipe (Discharge Line) to T&P valve as outlined in "Important Drain Pipe Information."

### Replacing existing T&P valve:

1. Turn off power and/or gas supply to the water heater.
2. Shut off the water supply and open a nearby hot water faucet.
3. Drain water from the tank until the water level is below the T&P opening. **Note:** For proper draining procedures refer to "Draining and Flushing" in the manufacturer's instruction manual.
4. Apply Teflon® Tape or approved pipe sealant on threads and install T&P valve. Connect a drain pipe (Discharge Line) to T&P valve as outlined in "Important Drain Pipe Information."
5. Turn on the water supply and refill the tank until water flows from the open hot water faucet. Allow water to run for a couple of minutes to ensure all air is purged out of the tank. Close the hot water faucet.
6. Follow the manufacturer's instructions to restart water heater.

## Important General Information

- Install this temperature and pressure relief valve (T&P) valve directly in the top or side T&P opening that is indicated on the tank.
- The valve must be installed so that the temperature-sensing element is immersed in the water within the top 6" (152mm) of the tank.
- It must be installed within the hot outlet service line (in the hot water flow) or directly in a tank tapping. This valve should be adequately insulated and isolated so it is not affected by conditions that are different than heater water temperature.
- Pressure and temperature relief settings are stamped on the valve. The pressure setting can never be above the allowable working pressure of the water heater as stated on the water heater's data plate.



## Important Drain Pipe Installation Information

- To avoid water damage or scalding due to valve operation, a drain pipe must be connected to the valve outlet and run to a safe place for water disposal.
- The drain pipe must be as short as possible and be the same size as the valve discharge connection throughout its entire length.
- Excessive length, over 15' long (4.57m), or the use of more than two elbows can cause a restriction and reduce the discharge capacity of the valve.
- The drain pipe must pitch down from the valve and terminate a maximum of 6" above the floor drain, or outside ground level where any discharge will be clearly visible.
- The drain line shall terminate plain, not threaded, with a material serviceable for temperatures up to 250°F or greater.
- The drain pipe must not be capped, blocked, plugged or contain any valve between the relief valve and the end of the drain pipe.

## Maintenance Instructions

- The valve should be manually operated twice a year.
- Before opening this valve, ensure that the outlet is properly connected to discharge piping, otherwise, personal injury or property damage could result.
- To actuate the valve, hold the trip lever fully open for approximately five seconds in order to flush the valve seat free of any sediment. Then permit the valve check to snap shut.
- This device is designed for emergency safety relief and shall not be used as an operating control. Use the drain valve to drain water from the tank as needed.