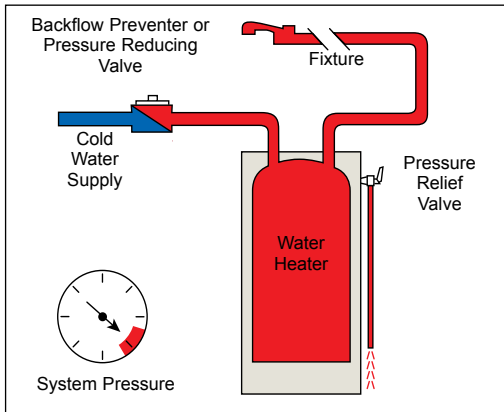


# The Simple Solution

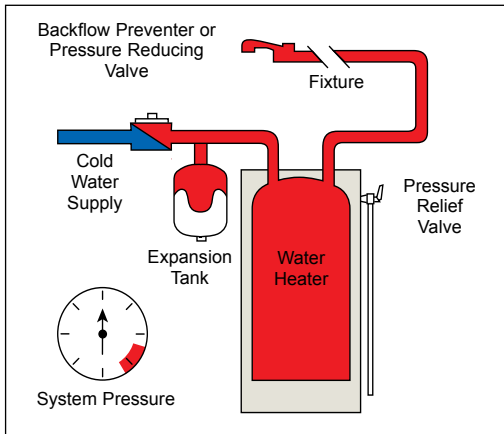
## Without an Expansion Tank

- Pressure relief valve can discharge water.
- Water heater can be damaged.
- System pressure can reach dangerous levels.



## With an Expansion Tank

- System pressure is maintained at safe levels.
- Water is returned to the system when demand occurs.
- Pressure relief valve and water heater last longer.



# Sizing Charts

Plumbing codes and water heater manufacturers' warranties often require a water heater expansion tank. See the sizing charts below and select a Therm-X-Trol® model to protect your system.

### Maximum Temperature Setting 140°F

Water Heater Size (gals.)	Static Supply Pressure (psig)		
	40	60	80
40	ST-5	ST-5	ST-5
50	ST-5	ST-5	ST-5
60	ST-8	ST-8	ST-8
80	ST-8	ST-8	ST-12
120	ST-12	ST-12	ST-25V

### Maximum Temperature Setting 160°F

Water Heater Size (gals.)	Static Supply Pressure (psig)		
	40	60	80
40	ST-5	ST-5	ST-8
50	ST-5	ST-8	ST-8
60	ST-8	ST-8	ST-12
80	ST-8	ST-12	ST-25V
120	ST-12	ST-25V	ST-25V

Based on:

- Therm-X-Trol pre-charge adjusted to equal static supply pressure.
- 40°F incoming water temperature.
- 150 psi T&P safety relief valve.



1400 Division Road  
West Warwick, RI 02893 USA  
T: 800.426.8765 F: 800.293.1519  
[www.amtrol.com](http://www.amtrol.com)



Ask for Quality ▲ Ask for AMTROL®

Amtrol invented the thermal expansion tank to control pressure build-up in closed, hot water systems. This prevents the water heater pressure relief valve from opening, saving energy and eliminating a potential safety hazard. Therm-X-Trol expansion tanks are all made in the USA in our ISO 9001:2008 registered facilities.



## Helps Prevent

- Dripping faucets and wasted energy.
- Puddles of water at base of water heater from pressure relief valve discharge.
- Water heater damage from frequent water pressure build-up.
- Dishwasher and washing machine solenoid damage.
- Toilet valve running intermittently.
- Noisy water hammer.

## Why Do I Need a Water Heater Expansion Tank?

- Heated water expands. Without an expansion tank, the water heater pressure relief valve can open, spilling water onto the floor or down the drain. Water you paid to heat.
- A pressure relief valve is an emergency control and is not intended to operate on a regular basis. If it fails, system pressure can build to dangerous levels.
- Elevated system pressure can damage your water heater, cause fittings to leak, toilets to run and faucets to drip.



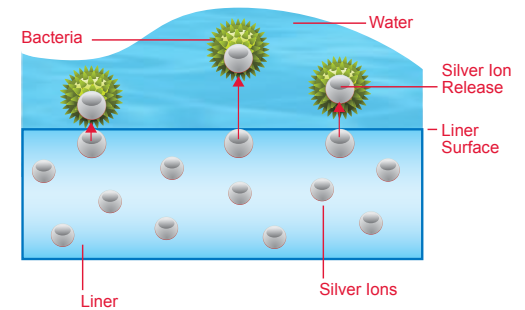
## Clean Water Technology™

Antimicrobial Liner and Turbulator work together to keep tank surfaces clean.



## Antimicrobial Liner Protection

- Neutralizes bacteria on contact.
- Safe, Silver-Ion technology only targets active microorganisms.
- Long lasting compound is molded into the water reservoir lining.



## Fresh Water Turbulator™

- Patent-pending diffuser agitates incoming water.
- Water-jet scrubbing action prevents sediment from collecting inside tank.
- Eliminates stagnant water.

