

Thermal Expansion Tanks



Therm-X-Trol® for Tankless and POU

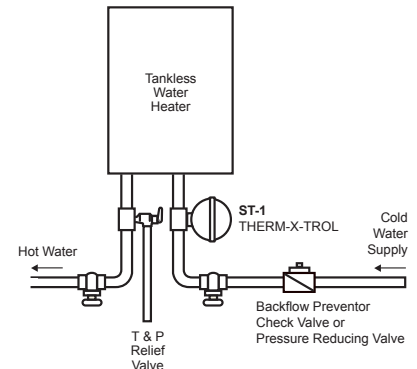
- Accepts expanded water as system temperature rises and returns hot water to system when demand occurs.
- Patented air cell eliminates water hammer to protect heat exchanger.
- Required by most building codes and all water heater warranties.
- 7-Year limited warranty.

Specifications

Model Number	Diameter (Inches)	Height (Inches)	System Connection (NPTM)	Shipping Weight (lbs.)
ST-1	3.2	3.9	1/2	1

Stainless Steel Waterway.

Maximum Intermittent Temperature: 180°F. Maximum Working Pressure: 150 psig.



Therm-X-Trol In-Line Models

- 7-Year limited warranty: The industry's longest.
- Maintains safe expansion pressure in hot water systems as required by most building codes and warranties.
- 50 PSI factory precharge; The industry's highest.
- InSight® Indicator Cap, Antimicrobial Liner™ and Turbulator™.

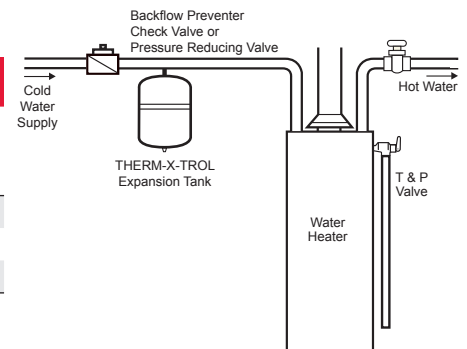
Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	Diameter (Inches)	Height (Inches)	System Connection (NPTM)	Shipping Weight (lbs.)
ST-5	2.0	0.9	8	13	3/4	5
ST-8	3.2	1.9	9	15	3/4	7
ST-12	4.4	3.2	11	15	3/4	9

Stainless Steel System Connection.

Maximum Operating Temperature: 200°F. Maximum Working Pressure: 150 psig.

Factory Precharge: 50 psig.



Therm-X-Trol Vertical Models

- Designed for large residential and light commercial (non-ASME) applications.
- Visit amtrol.com for sizing information.

Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	Diameter (Inches)	Height (Inches)	System Connection (NPTF)	Shipping Weight (lbs.)
ST-25V	10.3	10.3	15	19	3/4	23
ST-30V	14.0	11.3	15	24	3/4	25
ST-42V	20.0	11.3	15	32	3/4	33
ST-60V	34.0	34.0	22	30	1 1/4	61
ST-80V	44.0	34.0	22	36	1 1/4	69
ST-180V	62.0	34.0	22	47	1 1/4	92
ST-200V	81.0	34.0	22	56	1 1/4	103
ST-210V	86.0	46.0	26	47	1 1/4	123

Stainless Steel System Connection.

Maximum Operating Temperature: 200°F. Maximum Working Pressure: 150 psig.

Factory Precharge: 40 psig.

