THERM-X-TROL®

Thermal Expansion Tanks: ST Series Non-ASME

150 PSIG Working Pressure

Construction

Shell	Steel
Diaphragm	Heavy Duty Butyl NSF/ANSI 61
Liner	Antimicrobial
System Connection	Stainless Steel
Finish	Urethane Topcoat
Water Circulator	Turbulator™
Air Valve	Projection Welded
Factory Precharge	In-line Models 50 PSIG (3.5 bar) Stand Models 40 PSIG (2.8 bar)

Application

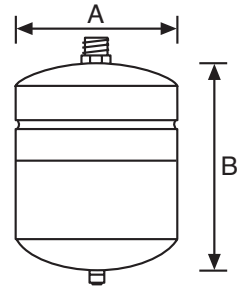
- For use in closed, potable water systems to control pressure build-up.
- Accepts expanded water as system temperature rises and returns hot water to system when demand occurs.
- Stand models designed for large residential and light commercial applications.
- Multiple units can be installed to accommodate larger systems.

Performance

Maximum Operating Temperature	200°F (93°C)
Maximum Working Pressure	150 PSIG (10.3 bar)
Warranty	1 Year - ST-30V through ST-210V 5 Years - ST-5 through ST-25V

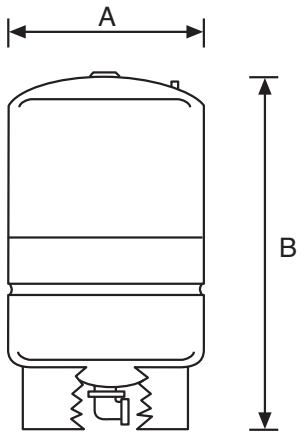
In-Line Models

Model Number	Tank Volume		Max. Acceptance Factor	A Tank Diameter		B Tank Height		System Connection (NPTM)	Shipping Weight	
	Gal	Lit		In	mm	In	mm	In	Lbs	Kg
ST-5	2.0	8	.45	8	203	13	330	¾	5	2
ST-8	3.2	12	.59	9	229	15	381	¾	7	3
ST-12	4.4	17	.73	11	279	15	381	¾	9	4



Stand Models

Model Number	Tank Volume		Max. Acceptance Factor	A Tank Diameter		B Tank Height		System Connection (NPTF)	Shipping Weight	
	Gal	Lit		In	mm	In	mm	In	Lbs	Kg
ST-25V	10.3	39	1.00	15	381	19	483	¾	23	10
ST-30V	14.0	53	0.81	15	381	24	610	¾	25	11
ST-42V	20.0	76	0.57	15	381	32	813	¾	33	15
ST-60V	34.0	129	1.00	22	559	30	762	1¼	61	28
ST-80V	44.0	167	0.77	22	559	36	914	1¼	69	31
ST-180V	62.0	235	0.55	22	559	47	1194	1¼	92	42
ST-200V	81.0	307	0.44	22	559	56	1422	1¼	103	47
ST-210V	86.0	326	0.54	26	660	47	1194	1¼	123	56



All dimensions and weights are approximate.

Job Name _____ Notes _____

Engineer _____ _____

Contractor _____ _____

P.O. No. _____ _____

Sales Rep. _____ _____

Model No. _____ _____

CERTIFIED TO NSF/ANSI 61

MADE IN USA

LOW-LEAD

ANTIMICROBIAL PROTECTION™

TURBULATOR