



# THERM-X-TROL®

Thermal Expansion: Full Acceptance Bladder ST-450 Series Non-ASME

**150 PSIG Working Pressure**

## Construction

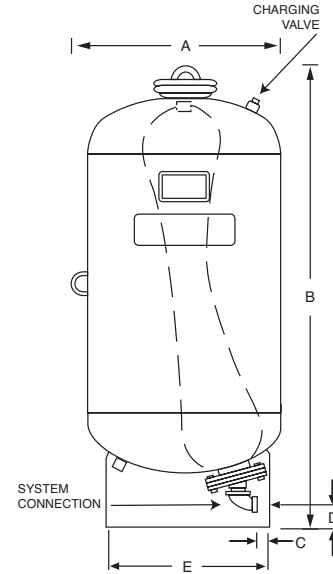
Shell	Steel
Bladder Material	Heavy Duty Butyl NSF/ANSI 61
Bladder Thickness	.100 In Minimum
System Connection	Bronze
Finish	Red Oxide Primer
Air Valve	Schrader Valve w/ EPDM Seat
Factory Precharge	55 PSIG (3.8 bar)

## Performance

Maximum Operating Temperature	240°F (115°C)
Maximum Working Pressure	150 PSIG (10.3 bar)
Warranty	1 Year

## Application

- For use in closed, potable water systems to control pressure build-up.
- Full acceptance replaceable bladder design.
- Optional sight glass and seismic restraints available.



## Non-ASME Models

Model Number	Tank Volume		Max. Accept. Factor	A Tank Diameter		B Tank Height		C Sys. Conn. Height		D Conn. Centerline		E Stand Diameter		System Conn. (NPTF)	Shipping Weight	
	Gal	Lit		In	mm	In	mm	In	mm	In	mm	In	mm		In	Lbs
ST-451	158	600	1.0	30	762	73	1854	3½	89	5½	140	24	610	2	587	266
ST-452	211	800	1.0	30	762	91	2311	3½	89	5½	140	24	610	2	625	283
ST-453	264	1000	1.0	36	914	86	2184	4½	114	7	178	30	762	3	760	345
ST-454	317	1200	1.0	36	914	98	2438	4½	114	7	178	30	762	3	850	386
ST-455	370	1400	1.0	36	914	110	2794	4½	114	7	178	30	762	3	935	424
ST-456	422	1600	1.0	48	1219	82	2083	7½	191	7⅞	178	42	1067	3	1423	645
ST-457	528	2000	1.0	48	1219	97	2464	7½	191	7⅞	178	42	1067	3	1505	683

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

