



THERMXTROL®

Water Heater Expansion Tanks Featuring Antimicrobial Protection

Specifications

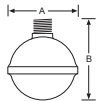
Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	A Diameter (Inches)	B Height (Inches)	System Connection	Shipping Weight (lbs.)
ST-1	—	—	3	4	½ NPTM	.8
ST-5	2.0	0.9	8	13	¾ NPTM	5
ST-12	4.4	3.2	11	15	¾ NPTM	9
ST-25V	10.3	10.3	15	19	¾ NPTF	23
ST-30V	14.0	11.3	15	24	¾ NPTF	25
ST-42V	20.0	11.4	15	32	¾ NPTF	33
ST-60V	34.0	34.0	22	30	1¼ NPTF	61
ST-80V	44.0	33.9	22	36	1¼ NPTF	69
ST-180V	62.0	34.1	22	47	1¼ NPTF	92
ST-200V	81.0	33.2	22	56	1¼ NPTF	103
ST-210V	86.0	46.4	26	47	1¼ NPTF	123

Stainless Steel System Connection (ST-1: Stainless Waterway).

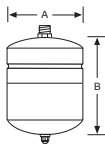
Maximum Operating Temperature: ST-1: 140°F; ST-5 through ST-210V: 200°F.

Maximum Working Pressure: 150 psig. Factory Pre-charge: ST-1: Permanent Air Cell;

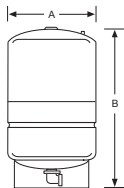
ST-5 and ST-12: 50 PSIG; ST-25V through ST-210V: 40 PSIG.



ST-1 for Tankless



ST-5 and ST-12



ST-25V through ST-210V

Therm-X-Trol® Quick Sizing Charts

Maximum Temperature Setting 140°F				Maximum Temperature Setting 160°F				Maximum Temperature Setting 180°F			
Water Heater Size (gals.)	Static Supply Pressure (psig)			Water Heater Size (gals.)	Static Supply Pressure (psig)			Water Heater Size (gals.)	Static Supply Pressure (psig)		
	40	60	80		40	60	80		40	60	80
Tankless & POU up to 2 gal.	ST-1	ST-1	ST-1	40	ST-5	ST-5	ST-12	40	ST-12	ST-12	ST-12
40	ST-5	ST-5	ST-5	50	ST-5	ST-12	ST-12	50	ST-12	ST-12	ST-12
50	ST-5	ST-5	ST-5	60	ST-12	ST-12	ST-12	60	ST-12	ST-12	ST-25V
60	ST-12	ST-12	ST-12	80	ST-12	ST-12	ST-25V	80	ST-12	ST-25V	ST-25V
80	ST-12	ST-12	ST-12	120	ST-12	ST-25V	ST-25V	120	ST-25V	ST-25V	ST-25V

Sizing based on: 40°F incoming water temperature; 150 psi T&P safety relief valve;
 Precharge equal to static supply pressure (ST-5 and above). ST-1 for Tankless and Point-Of-Use (POU) Heaters up to 2 gallons.
 For larger applications: Visit amtrol.com, download the AMTROL App or contact Technical Support at 401.535.1216.



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MC8520 (04/22)