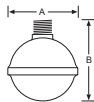




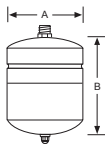
# THERMXTROL®

Water Heater Expansion Tanks Featuring Antimicrobial Protection

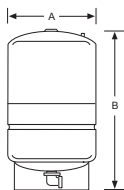
## Specifications



ST-1 for Tankless



ST-5 and ST-12



ST-25V through ST-210V

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

Maximum Working Pressure: 150 psig.

Factory Pre-charge ST-1: Permanent Air Cell; Factory Pre-charge ST-5 and ST-12: 50 PSIG; ST-25V through ST-210V: 40 PSIG.

# Therm-X-Trol® Quick Sizing Charts

## Maximum Temperature Setting 140°F

Water Heater Size (gals.)	Static Supply Pressure (psig)		
	40	60	80
Tankless & POU up to 2 gal.	ST-1	ST-1	ST-1
40	ST-5	ST-5	ST-5
50	ST-5	ST-5	ST-5
60	ST-12	ST-12	ST-12
80	ST-12	ST-12	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-12
50	ST-5	ST-12	ST-12
60	ST-12	ST-12	ST-12
80	ST-12	ST-12	ST-25V
120	ST-12	ST-25V	ST-25V

## Maximum Temperature Setting 180°F

Water Heater Size (gals.)	Static Supply Pressure (psig)		
	40	60	80
40	ST-12	ST-12	ST-12
50	ST-12	ST-12	ST-12
60	ST-12	ST-12	ST-25V
80	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](http://amtrol.com), download the AMTROL App or contact Technical Support at 401.535.1216.



Antimicrobial Turbulator InSight



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C  
ST-1 through  
ST-25V only

MC8520 (08/23)