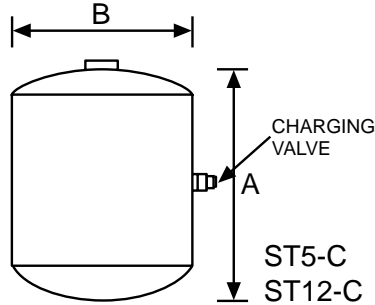


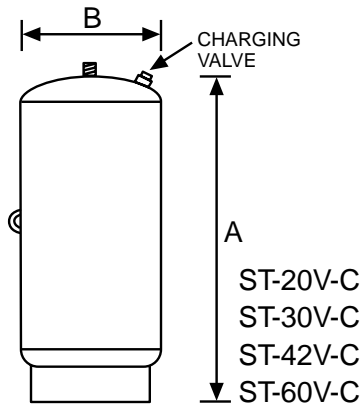
# THERM-X-TROL®

## ST-C Series, Thermal Expansion Absorbers (ASME)



### In-Line Models

Model No.	Tank Vol.		Max. Accept. Factor	A Height		B Diameter		Sys. Conn.	Ship Wt.	
	Lit.	Gal.		mm	ins.	mm	ins.		kg	lbs.
ST-5-C	8	2.1	.43	264	10 <sup>3</sup> / <sub>8</sub>	254	10	¾ NPT	9.5	21
ST-12-C	17	4.7	.51	318	12½	305	12	¾ NPT	15.4	34



### Stand Models

Model No.	Tank Vol.		Max. Accept. Factor	A Height		B Diameter		Sys. Conn.	Ship Wt.	
	Lit.	Gal.		mm	ins.	mm	ins.		kg	lbs.
ST-20V-C	29	7.6	.32	527	20¾	305	12	¾ NPT	22.3	49
ST-30V-C	47	12.5	.80	438	17¼	419	16¼	¾ NPT	38.1	84
ST-42V-C	66	17.5	.65	616	24¼	419	16¼	¾ NPT	44.5	98
ST-60V-C	95	25.0	.45	864	34	419	16¼	¾ NPT	56.8	125
ST-80V-C	200	53.0	.65	1029	40½	610	24	1¼ NPT	86.3	190
ST-120V-C	258	68.0	.50	1213	47¾	610	24	1¼ NPT	95.0	210
ST-180V-C	292	77.0	.44	1337	52⅝	610	24	1¼ NPT	115.8	255
ST-210V-C	333	88.0	.39	1524	60	610	24	1¼ NPT	134.0	295

### Maximum Operating Conditions

Operating Temperature	200°F (93°C)
Working Pressure	150 PSIG (10.5 kg/cm²) ASME

### Specifications

Description	Standard Construction
Standard Factory Pre-charge	55 PSIG (3.9 kg/cm²)
System Connection	Stainless Steel
Diaphragm Material	Heavy Duty Butyl
Liner Material	Polypropylene
Shell	Steel



Constructed per ASME Code Section VIII.  
All dimensions and weights are approximate.

Job Name \_\_\_\_\_

Location \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Engineer \_\_\_\_\_

Contractor \_\_\_\_\_

Contractor P.O. No. \_\_\_\_\_

Sales Representative \_\_\_\_\_

Model No. Ordered \_\_\_\_\_