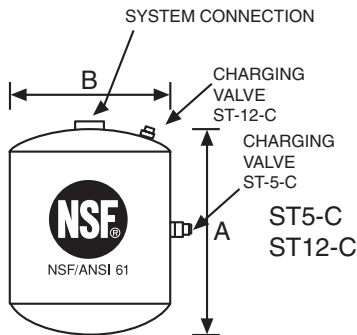


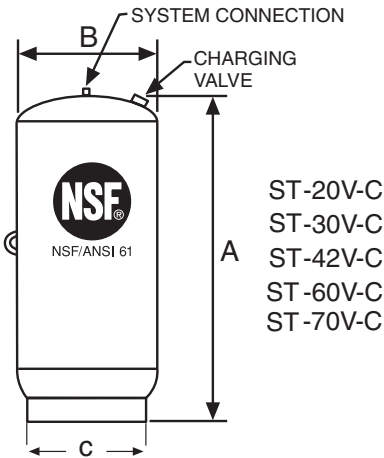
THERM-X-TROL®

Thermal Expansion Absorbers, ST-C Series (ASME) 150 PSIG Working Pressure



In-Line Models

Model No.	Tank Vol.		Max. Recomm. Accept Vol.		A Height		B Diameter		Sys. Conn.	Ship Wt.	
	Lit.	Gal.	Lit.	Gal.	mm	ins.	mm	ins.	ins.	kg	lbs.
ST-5-C	8	2.1	3.44	.9	264	10 ³ / ₈	254	10	¾ NPTF	9	19.7
ST-12-C	24	6.4	12.0	3.2	340	13 ³ / ₈	305	12	¾ NPTF	15	33.8



Stand Models

Model No.	Tank Vol.		Max. Recomm. Accept. Vol.		A Height		B Diameter		C Dim.		Sys. Conn.	Ship Wt.	
	Lit.	Gal.	Lit.	Gal.	mm	ins.	mm	ins.	mm	ins.	ins.	kg	lbs.
ST-20V-C	30	8.0	12.0	3.2	510	20 ¹ / ₁₆	305	12	273	10 ³ / ₄	¾ NPTF	19	41
ST-30V-C	53	14.0	33.9	8.96	491	19 ⁵ / ₁₆	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	27	59
ST-42V-C	66	17.5	42.9	11.4	640	25 ³ / ₁₆	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	32	71
ST-60V-C	95	25.0	42.9	11.4	864	34	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	39	85
ST-70V-C	129	34.0	42.9	11.4	1076	42 ³ / ₈	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	45	99
ST-80V-C	200	53.0	130	34	1029	40 ¹ / ₂	610	24	406	16	1 ¹ / ₄ NPTF	102	224
ST-120V-C	250	66	130	34	1213	47 ³ / ₄	610	24	406	16	1 ¹ / ₄ NPTF	121	266
ST-180V-C	292	77.0	130	34	1337	52 ⁵ / ₈	610	24	406	16	1 ¹ / ₄ NPTF	129	285
ST-210V-C	341	90.0	130	34	1524	60	610	24	406	16	1 ¹ / ₄ NPTF	145	319

Maximum Operating Conditions

Operating Temperature	200°F (93°C)
Working Pressure	150 PSIG (10.5 bar)

Specifications

Description	Standard Construction
Standard Factory Pre-charge	55 PSIG (3.9 bar)
System Connection	Stainless Steel
Diaphragm	Heavy Duty Butyl NSF/ANSI 61
Liner Material	Polypropylene
Shell	Steel
Finish	Red Oxide Primer

Constructed per ASME Code Section VIII, Division 1.

All dimensions and weights are approximate.

Complies with Low Lead Plumbing Law

Job Name _____
 Location _____

 Engineer _____

Contractor _____
 Contractor P.O. No. _____
 Sales Representative _____
 Model No. Ordered _____