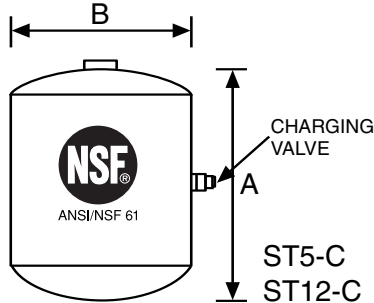


THERM-X-TROL®

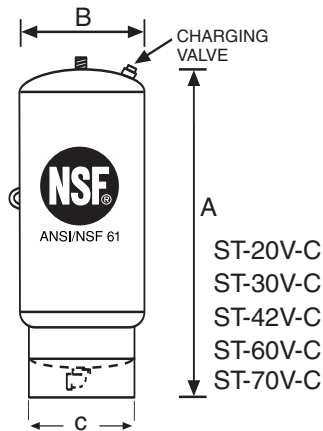
Thermal Expansion Absorbers, ST-C Series (ASME)

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	4.0	3.44	.9	264	10 ³ / ₈	254	10	¾ NPT	9.5	21
ST-12-C	24	6.4	12.0	3.2	340	13 ³ / ₈	305	12	¾ NPT	12	26



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	38.1	84
ST-42V-C	66	17.5	42.9	11.4	640	25 ³ / ₁₆	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	41	90
ST-60V-C	95	25.0	42.9	11.4	864	34	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	44	96
ST-70V-C	129	34.0	42.9	11.4	1076	42 ³ / ₈	419	16 ¹ / ₄	324	12 ³ / ₄	¾ NPTF	56	123
ST-80V-C	200	53.0	130	34	1029	40 ¹ / ₂	610	24	406	16	1 ¹ / ₄ NPTF	104	229
ST-120V-C	250	66	130	34	1213	47 ³ / ₄	610	24	406	16	1 ¹ / ₄ NPTF	117	258
ST-180V-C	292	77.0	130	34	1337	52 ³ / ₈	610	24	406	16	1 ¹ / ₄ NPTF	131	288
ST-210V-C	341	90.0	130	34	1524	60	610	24	406	16	1 ¹ / ₄ NPTF	144	318

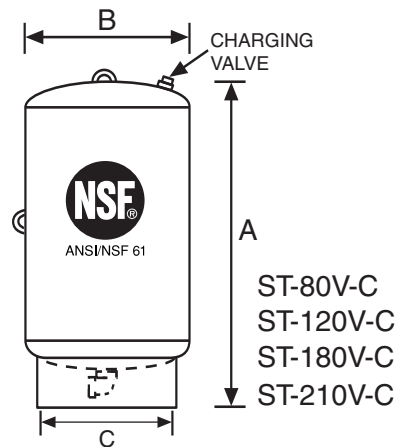
Maximum Operating Conditions

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/EPDM ANSI/NSF61
Liner Material	Polypropylene
Shell	Steel

Constructed per ASME Code Section VIII, Division 1.
All dimensions and weights are approximate.



Job Name _____

Contractor _____

Location _____

Contractor P.O. No. _____

Sales Representative _____

Model No. Ordered _____

Engineer _____