



**SUBMITTAL**

**SXHT-SERIES  
HYDRONIC EXPANSION TANKS**

**Models:** SXHT 35-CR thru SXHT 800L-CR

**Submittal Sheet No.** \_\_\_\_\_

Date: 4/20

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

**Description**

Flexcon SXHT-CR Tanks are ASME removable bladder type pre-charged expansion tanks. They are designed to absorb the expansion forces and control the pressure in heating/cooling systems. The system's expanded water (fully compatible with water/glycol mixtures) is contained in a full acceptance heavy-duty butyl bladder that prevents tank corrosion and waterlogging problems. All SXHT-CR expansion tanks can be installed vertically or horizontally.

**Construction**

Shell: Carbon Steel  
 Heads: Carbon Steel  
 Exterior: Red Oxide Primer  
 Bladder: Heavy Duty Butyl

**Performance Limitations**

Maximum Design Pressure: 125 PSIG / 862 kps

Temperature Range: -20°F to 240°F / -29 C to 116 C

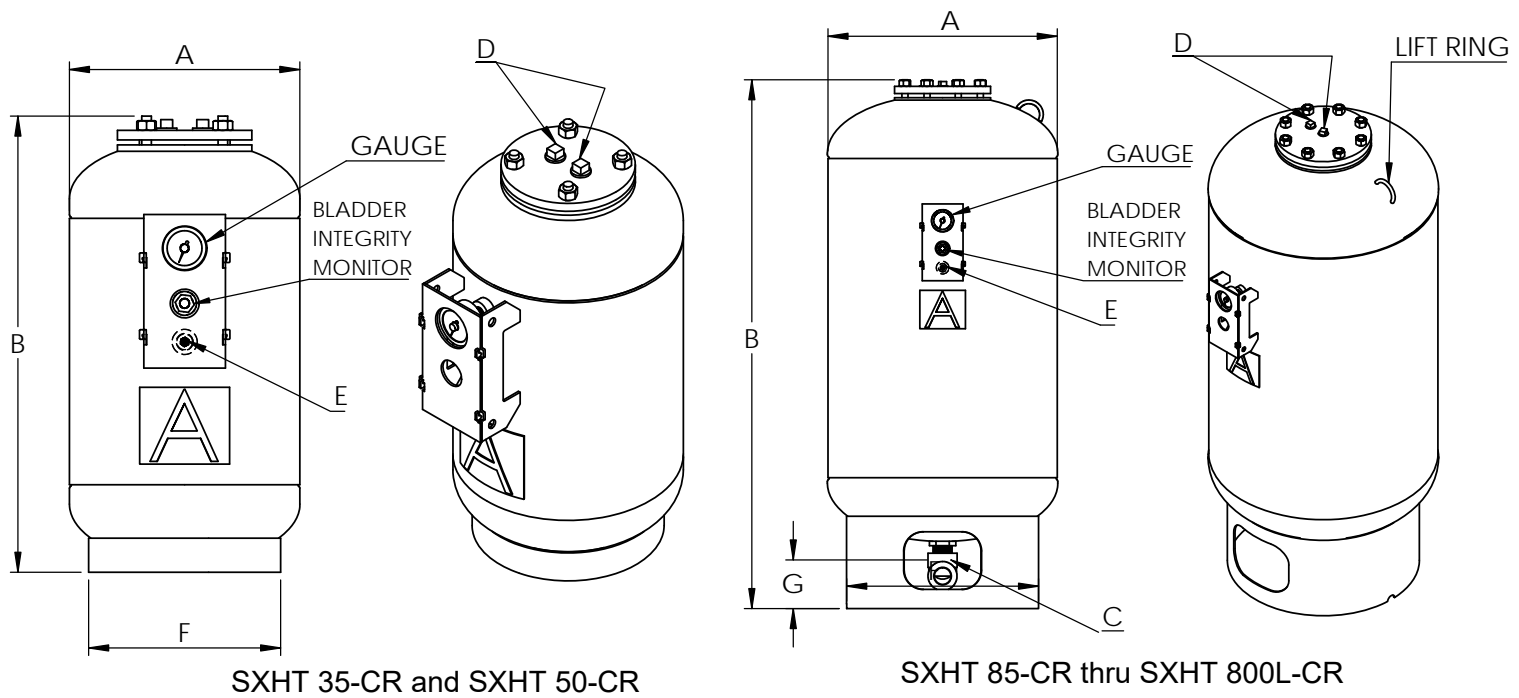
Pressures Available: 150PSI      200PSI      250PSI

Model Number	Wessels Model	Tank Volume (Gal/L)	Tagging Information	Quantity
SXHT 35-CR	NLA-35	10/41.3		
SXHT 50-CR	NLA-50	13/50		
SXHT 85-CR	NLA-85	23/85		
SXHT 130-CR	NLA-130	35/130		
SXHT 200-CR	NLA-200	53/200		
SXHT 300-CR	NLA-300	79/300		
SXHT 400-CR	NLA-400	106/400		
SXHT 500-CR	NLA-500	132/500		
SXHT 600-CR	NLA-600	158/600		
SXHT 800L-CR	NLA-800L	211/800		

**Typical Specification**

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel expansion tank with heavy-duty butyl bladder. The tank shall have multiple water-side connections to eliminate stagnant water within the tank, a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements, a pressure gauge, and Wessview® bladder integrity monitor. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code and be rated for 125 PSIG.

Each tank shall be Flexcon model number SXHT \_\_\_\_\_-CR or approved equal.



**Dimensions & Weights**

Model Number	Wessels Model	A (in/mm)	B (in/mm)	System Conn. C (in/mm)	System Conn. D (in/mm)	Charging Valve E (in/mm)	F (in/mm)	G (in/mm)	Approx Ship Wt (lbs/kgs)
SXHT 35-CR	NLA-35	12/305	23 1/2 / 610	-	3/4 / 19	.302"-32NC	10/250	-	40/18
SXHT 50-CR	NLA-50	14/356	24/610	-	3/4 / 19	.302"-32NC	10/250	-	50/23
SXHT 85-CR	NLA-85	16/406	37/940	1 / 25	3/4 / 19	.302"-32NC	12/305	5 1/2 / 140	90/41
SXHT 130-CR	NLA-130	20/508	37/940	1 / 25	3/4 / 19	.302"-32NC	16/406	5 1/2 / 140	125/57
SXHT 200-CR	NLA-200	24/610	43/1092	1 1/2 / 38	3/4 / 19	.302"-32NC	20/508	5 1/4 / 133	210/96
SXHT 300-CR	NLA-300	24/610	55/1397	1 1/2 / 38	3/4 / 19	.302"-32NC	20/508	5 1/4 / 133	225/102
SXHT 400-CR	NLA-400	30/762	49/1245	1 1/2 / 38	3/4 / 19	.302"-32NC	24/610	5 1/4 / 133	300/136
SXHT 500-CR	NLA-500	30/762	57/1448	1 1/2 / 38	3/4 / 19	.302"-32NC	24/610	5 1/4 / 133	335/152
SXHT 600-CR	NLA-600	30/762	65/1651	1 1/2 / 38	3/4 / 19	.302"-32NC	24/610	5 1/4 / 133	360/163
SXHT 800L-CR	NLA-800L	32/813	76/1930	1 1/2 / 38	3/4 / 19	.302"-32NC	28/711	5 1/4 / 133	475/215

**Notes**

- Tanks are factory pre-charged at 40 psi / 276 kpa and field adjustable.
- California code-sight glass is available upon request.
- Both top and bottom connections (C and D) access the bladder.
- Available with mounting clips.
- U.S. Patent No. 8,633,825 B2.