



SUBMITTAL

SXHT-CR-SERIES

HYDRONIC EXPANSION TANKS

Models: SXHT 1000-CR thru SXHT 15000-CR
15000-CR Submittal Sheet No.
 A-1011B

Date: 5/18

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
 Bladder: Heavy Duty Butyl
 System Connection: Carbon Steel

Performance Limitations

Maximum Design Temperature: 240°F
 Maximum Design Pressure: 125 PSIG*

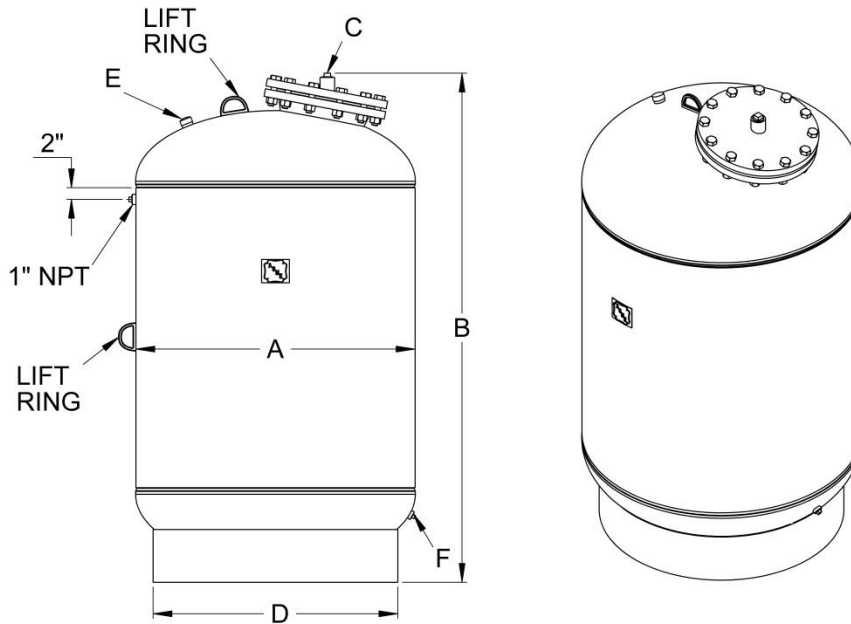
*200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
671000&5	22011000	264		
SXHT 1200-CR	22011200	317		
SXHT 1400-CR	22011400	370		
SXHT 1600-CR	22011600	422		
SXHT 2000-CR	22012000	528		
SXHT 2500-CR	22012500	660		
SXHT 3000L-CR	22013000	792		
SXHT 3000S-CR	22013001	792		
SXHT 4000-CR	22014000	1056		
SXHT 5000-CR	22015000	1320		
SXHT 7500-CR	22017500	1980		
SXHT 10000-CR	22019999	2640		
SXHT 15000-CR	22019998	3963		

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 NPT system connections and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and a floor mounting skirt for vertical installation. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Flexcon model number SXHT-_____ or approved equal.



NLA-1000 thru NLA-15000

Dimensions & Weights

Model Number	Dimensions in Inches						Approx. Ship Wt. (lbs)
	A	B	System Connection	D	Charging Valve	Drain	
			C		E	F	
NLA-1000	36	75	1 1/2	30	0.302" - 32NC	3/4	710
NLA-1200		87					720
NLA-1400		99					875
NLA-1600	48	74	2	42	0.302" - 32NC	3/4	1100
NLA-2000		87					1280
NLA-2500		102					1435
NLA-3000L	60	122	2	54	0.302" - 32NC	3/4	1550
NLA-3000S		80					2169
NLA-4000		102					2638
NLA-5000	72	125	3	66	0.302" - 32NC	1	3246
NLA-7500		127					4005
NLA-10000		163					4845
NLA-15000	72	233	3	66	0.302" - 32NC	1	5925
NLA-15000		233					5925

Notes

- Tanks are factory pre-charged at 12 psi and field adjustable.
- California code-sight glass is available upon request.
- Available with mounting clips.
- Tanks installed horizontally must have the system connection below the horizontal centerline of the tank.