



SUBMITTAL

**NLA-SERIES**

HYDRONIC EXPANSION TANKS

Models: NLA-1000 thru NLA-15000

Submittal Sheet No. NLA-2016B

Date: 12/20

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

**Description**

AA tanks NLA Tanks are ASME replaceable heavy duty butyl rubber 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 NLA expansion tanks can be installed vertically or horizontally.

**Construction**

Shell: Carbon Steel  
 (Available in 304 / 316 Stainless Steel)  
 Bladder: Heavy Duty Butyl  
 (NSF Listed / FDA Approved Materials)  
 System Connection: Carbon Steel

**Performance Limitations**

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

\*150, 200 & 250 PSIG available



Listed Materials

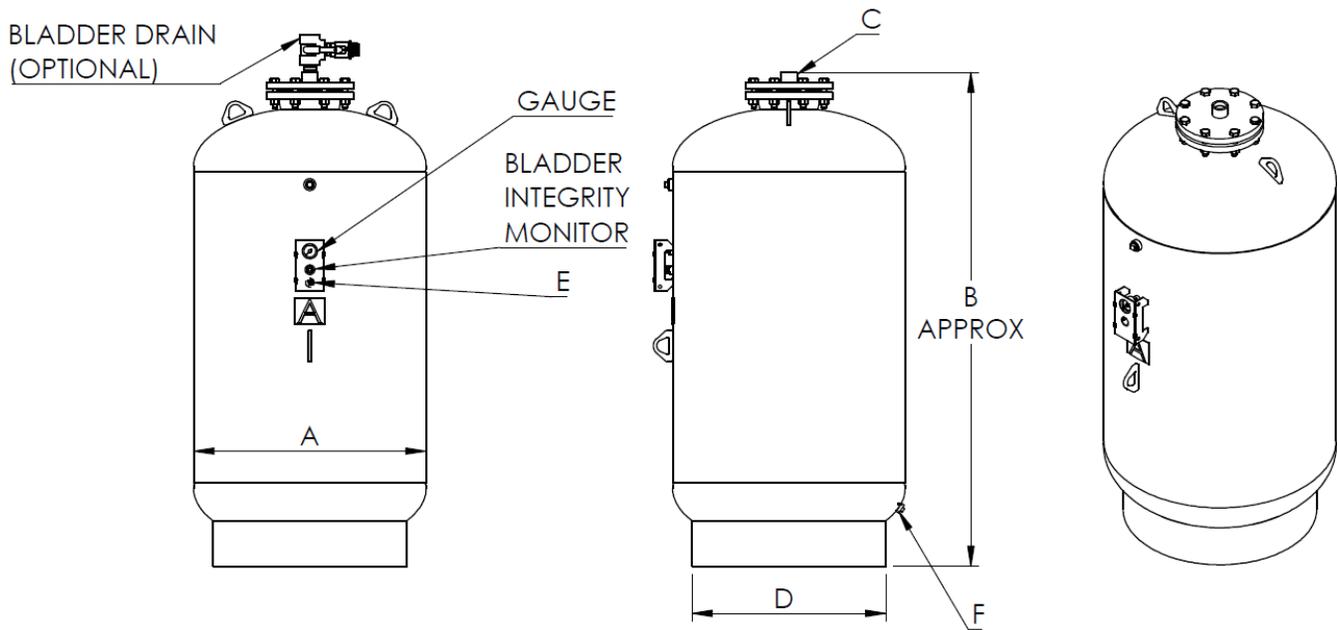
Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
NLA-1000	22011000	264		
NLA-1200	22011200	317		
NLA-1400	22011400	370		
NLA-1600	22011600	422		
NLA-2000	22012000	528		
NLA-2500	22012500	660		
NLA-3000L	22013000	792		
NLA-3000S	22013001	792		
NLA-4000	22014000	1056		
NLA-5000	22015000	1320		
NLA-7500	22017500	1980		
NLA-10000	22019999	2640		
NLA-15000	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 AA tanks model number NLA-\_\_\_\_\_ or approved equal.

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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		88					720
NLA-1400		100					875
NLA-1600	48	74	2	42	0.302" - 32NC	3/4	1100
NLA-2000		86					1280
NLA-2500		104					1435
NLA-3000L	60	124	2	54	0.302" - 32NC	3/4	1550
NLA-3000S		83					2169
NLA-4000		105					2638
NLA-5000	72	128	3	66	0.302" - 32NC	1	3246
NLA-7500		131					4005
NLA-10000		162					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.
- Higher working pressures available upon request.
- Plug (F) is on the air side of the tank. Do not remove.

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