



SUBMITTAL

TYPE: NLA ASME PRE-CHARGED EXPANSION TANKS

MODELS: NLA 1000 TO NLA 15000

Submittal Sheet No. N-3370

Date 1-95

<p>JOB _____</p> <p>Unit Tag No. _____</p> <p>Engineer _____</p> <p>Contractor _____</p>	<p>AA tanks Representative _____</p> <p>Order No. _____ Date _____</p> <p>Submitted By _____ Date _____</p> <p>Approved By _____ Date _____</p>
---	--

DESCRIPTION

AA tanks Type NLA 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 water is contained in the heavy duty bladder preventing tank corrosion and waterlogging problems. NLA expansion tanks reduce tank sizes up to 80%.

CONSTRUCTION

Shell: Carbon steel
Bladder: Heavy duty butyl

PERFORMANCE LIMITATIONS

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

*200 & 250 PSIG available

SCHEDULE

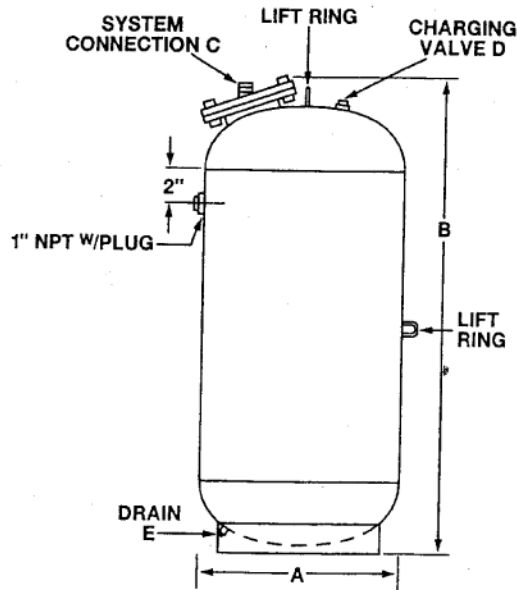
Model Number	Tank & Acceptance Volume Gallons	Tagging Information	Quantity
NLA 1000	264		
NLA 1200	317		
NLA 1400	370		
NLA 1600	422		
NLA 2000	528		
NLA 2500	660		
NLA 3000L	792		
NLA 3000S	792		
NLA 4000	1056		
NLA 5000	1320		
NLA 7500	1980		
NLA 10000	2640		
NLA 15000	3963		

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallon _____ " diameter X _____ " (high) pre-charged steel expansion tank with a replaceable heavy duty butyl bladder. The tank shall have a top NPT system connection, NPT drain, and a .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 Section VIII of the ASME Boiler and Pressure Vessel Code and stamped 125 PSI working pressure.

Each tank shall be Wessels model number NLA _____ or approved equal.

ASME EXPANSION TANKS - PRESSURIZED



DIMENSIONS & WEIGHTS

Model Number	Dimensions in Inches					Approx. Ship Wt. (lbs)
	A	B	System Connection			
			C	D	E	
NLA 1000	36"	74"	1 1/2"		3/4"	710
NLA 1200		86"				720
NLA 1400		99"				875
NLA 1600	48"	72"				1100
NLA 2000		85"				1280
NLA 2500		102"				1435
NLA 3000L	60"	122"	2"	.302" -32NC	1"	1550
NLA 3000S		80"				2169
NLA 4000		102"				2638
NLA 5000	72"	125"				3246
NLA 7500		127"				4005
NLA 10000		159"				4845
NLA 15000		233"	3"			5925

Note: Tanks are factory pre-charged at 12 psi and field adjustable.
California code-sight glass available on request.

Note: Tanks can be installed in the horizontal position with the system connection located below the horizontal centerline of the tank.

