

SINCE 1908
wessels
 company

SUBMITTAL

NLAP-SERIES

HYDRONIC EXPANSION TANKS

Models: NLAP-40 thru NLAP-1100

Submittal Sheet No. A-1005B

Date: 4/16

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

Description

Wessels NLAP 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 NLAP 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*

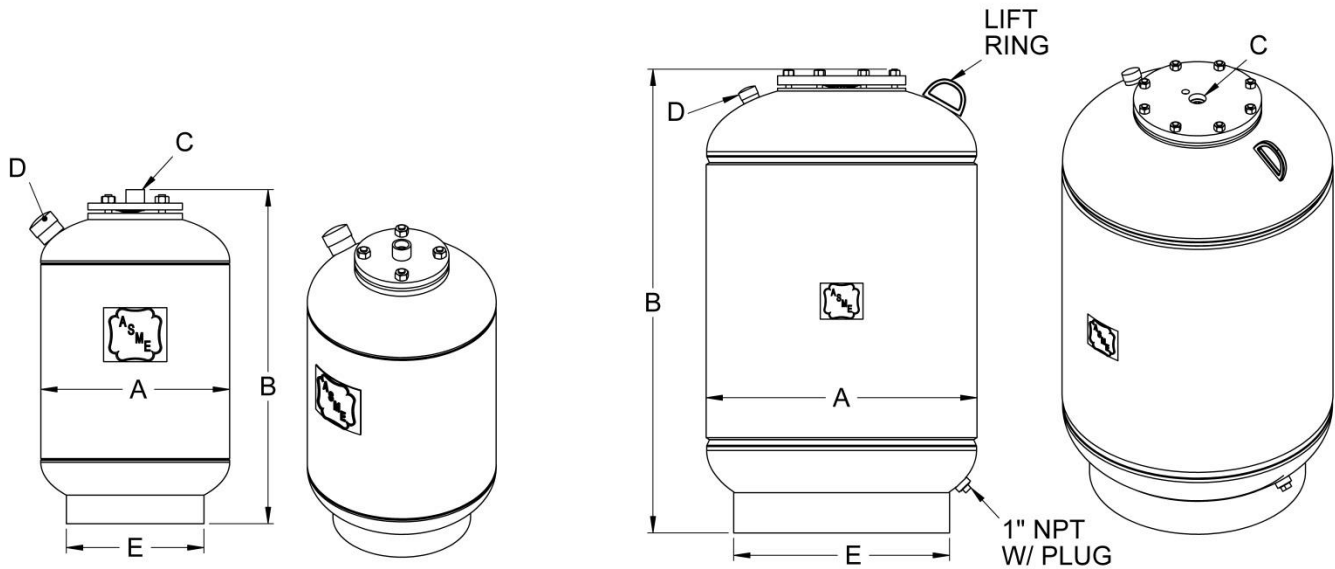
*200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
NLAP-40	22510040	11		
NLAP-60	22510060	15		
NLAP-100	22510100	25		
NLAP-150	22510150	39		
NLAP-220	22510220	58		
NLAP-325	22510325	85		
NLAP-400	22510400	104		
NLAP-560	22510560	147		
NLAP-600	22510600	158		
NLAP-700	22510700	185		
NLAP-815	22510815	215		
NLAP-950	22510950	250		
NLAP-1100	22511100	290		

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 Wessels model number NLAP-_____ or approved equal.



NLAP 40 & NLAP 60

NLAP 100 thru NLAP 1100

Dimensions & Weights

Model Number	Dimensions in Inches					Approx. Ship Wt. (lbs)	
	A	B	System Connection	Charging Valve	E		
			C	D			
NLAP-40	12	27	3/4	0.302" -32NC	10	42	
NLAP-60	14	26			10	52	
NLAP-100	16	32	1		11	77	
NLAP-150		48 1/2			115		
NLAP-220	20	50 1/2	1 1/2		16	170	
NLAP-325	24				57 1/2	20	225
NLAP-400					20	250	
NLAP-560	30	53			24	325	
NLAP-600		58				350	
NLAP-700		66				400	
NLAP-815	36	58		30	475		
NLAP-950		66			540		
NLAP-1100		75			625		

Notes

- Tanks are factory pre-charged at 12 psi and field adjustable.
- California code-sight glass is available upon request.
- Available with mounting clips.