

SINCE 1908
wessels
company

SUBMITTAL

NLA-SERIES
 HVAC EXPANSION TANKS

Models: NLA-35 to NLA-800L
 Submittal Sheet No. A-1010A Rev. 1 5/17/2018

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

Description:

Wessels patented NLA tanks are ASME removeable bladder type pre-charged HVAC 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
 Heads: Carbon Steel
 Exterior: Carbocoat 140 - Harvester Red
 Interior: Heavy Duty Butyl Bladder

Design Parameters:

Maximum Design Pressure: 125 PSIG*
 Temperature Range: -20°F to 240°F

*150, 200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
NLA-35	22010035	10		
NLA-50	22010050	13		
NLA-85	22010085	23		
NLA-130	22010130	35		
NLA-200	22010200	53		
NLA-300	22010300	79		
NLA-400	22010400	106		
NLA-500	22010500	132		
NLA-600	22010600	158		
NLA-800L	22010805	211		

Typical Specification

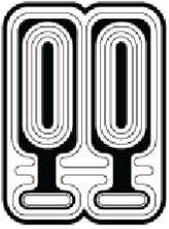
Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel HVAC expansion tank with heavy-duty butyl bladder. The tank shall have multiple water-side connections to eliminate stagnate water within the tank, a 0.302"-32 charging valve connection (standard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

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



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101 Tank Street Greenwood, IN 46143
 P: 317-888-9800 F: 317-865-7411
 www.westank.com

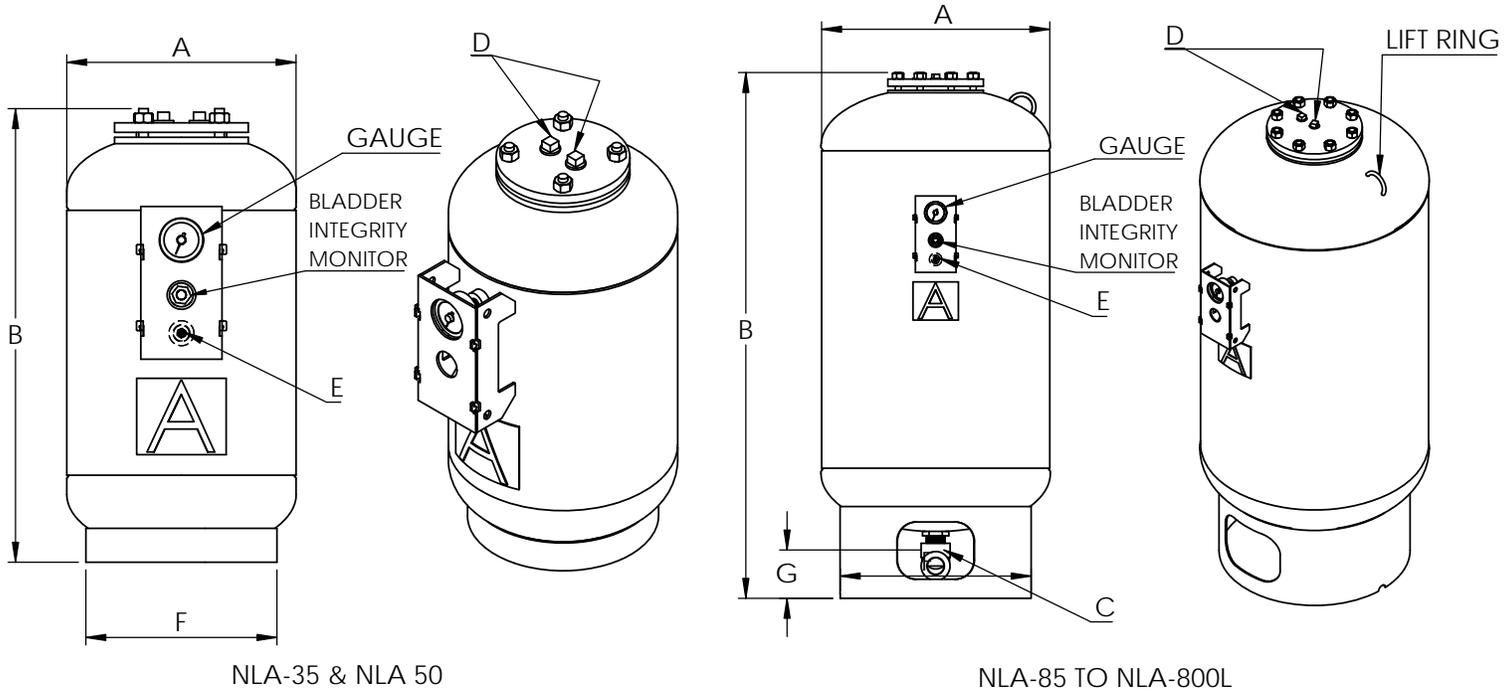


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Dimensions & Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
NLA-35	12	23 1/2	-			10	-	40
NLA-50	14	24				10		50
NLA-85	16	37	1 NPT	3/4 NPT	0.302"-32NC	12	5 1/2	90
NLA-130	20					16		125
NLA-200	24	43	1 1/2 NPT	3/4 NPT	0.302"-32NC	20	5 1/4	210
NLA-300		55						225
NLA-400	30	49	2 NPT	3/4 NPT	0.302"-32NC	24	5 1/4	300
NLA-500		57						335
NLA-600	32	65	2 NPT	3/4 NPT	0.302"-32NC	28	5 1/4	360
NLA-800L		76						475

Notes:

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



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