

SINCE 1908
wessels
 company

SUBMITTAL

NLA WITH
WESSGUARD®-SERIES
 HVAC EXPANSION TANKS

Models: NLA-1000-WG to NLA-15000-WG
 Submittal Sheet No. A-1007B Rev. 1 6/17/2020

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

Description:

Wessels NLA Tanks are ASME removable bladder type pre-charged expansion tanks with WessGuard® bladder monitor. They are designed to absorb the expansion forces and control the pressure in heating/cooling systems. If the system creates a condition to extend the bladder beyond the normal movement, WessGuard® monitor will activate an audible and LED alarm to notify maintenance staff of this potential systems issue. 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 water-logging problems.

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 PSIG and up are available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
NLA-1000-WG	62011000	264		
NLA-1200-WG	62011200	317		
NLA-1400-WG	62011400	370		
NLA-1600-WG	62011600	422		
NLA-2000-WG	62012000	528		
NLA-2500-WG	62012500	660		
NLA-3000L-WG	62013000	792		
NLA-3000S-WG	62013001	792		
NLA-4000-WG	62014000	1056		
NLA-5000-WG	62015000	1320		
NLA-7500-WG	62017500	1980		
NLA-10000-WG	62019999	2640		
NLA-15000-WG	62019998	3963		

Typical Specification

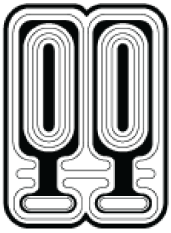
Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel HVAC expansion tank with heavy-duty butyl bladder. The tank shall have an NPT water side system connection, a 0.302"-32 charging valve connection (standard fire valve) to facilitate the on-site charging 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 SMART TANK SERIES NLA-_____ -WG or approved equal.



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

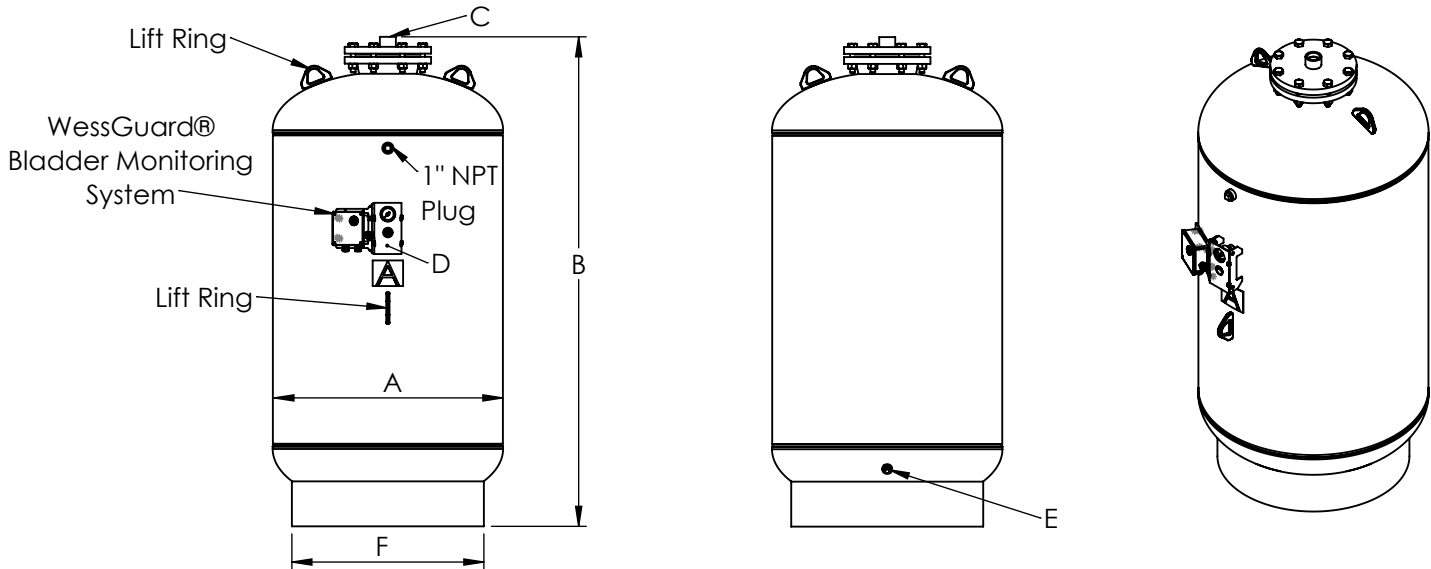


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Dimensions & Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)	
	A	B	System Connection	Charging Valve	Drain	F		
			C	D	E			
NLA-1000-WG	36	76	1 1/2 NPT	0.302"-32NC	3/4	30	710	
NLA-1200-WG		88					720	
NLA-1400-WG		100					875	
NLA-1600-WG	48	74				2 NPT	42	1100
NLA-2000-WG		86						1280
NLA-2500-WG		104						1435
NLA-3000L-WG	60	124	3 NPT		54		1550	
NLA-3000S-WG		83					2169	
NLA-4000-WG		105					2638	
NLA-5000-WG	72	128			3 NPT	1	66	3246
NLA-7500-WG		131						4005
NLA-10000-WG		162						4845
NLA-15000-WG		233					5925	

Notes:

- Tanks are factory pre-charged at 40 psig and field adjustable.
- California code-sight glass is available upon request.
- Mounting clips are available upon request.
- Bladder drain is available upon request.
- Tanks installed horizontally must have the system connection below the horizontal centerline of the tank.
- Plug (F) is on the air side of the tank. Do not remove.
- U.S. Patent No. 8,633,825 B2.



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