



SINCE 1908
wessels
company

SUBMITTAL

NVA-SERIES

Models: NVA-1000 to NVA-15000

Submittal Sheet No. A-1013B Rev. 1 4/26/2019

Job Name _____
Location _____

Engineer _____
Contractor _____
Sales Rep. _____

Submitted By _____ Date _____
Approved By _____ Date _____
Order No. _____ Date _____
Notes _____

Description:

Wessels NVA 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 NVA expansion tanks can be installed vertically or horizontally.

Construction:

Shell: Carbon Steel
Bladder: Heavy Duty Butyl
System Connection: Carbon Steel

Design Parameters:

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

*200 & 250 PSIG available

MODEL NUMBER	PART NUMBER	TANK VOLUME (GAL)	TAGGING INFORMATION	QUANTITY
NVA-1000	22001000	264		
NVA-1200	22001200	317		
NVA-1400	22001400	370		
NVA-1600	22001600	422		
NVA-2000	22002000	528		
NVA-2500	22002500	660		
NVA-3000L	22003000	792		
NVA-3000S	22003001	792		
NVA-4000	22004000	1056		
NVA-5000	22005000	1320		
NVA-7500	22007500	1980		
NVA-10000	22009999	2640		
NVA-15000	22000000	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 Wessels model number NVA-_____ or approved equal



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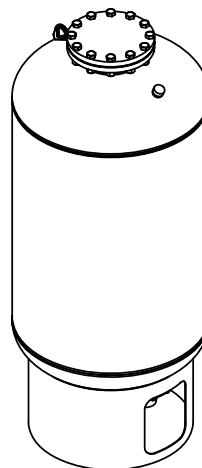
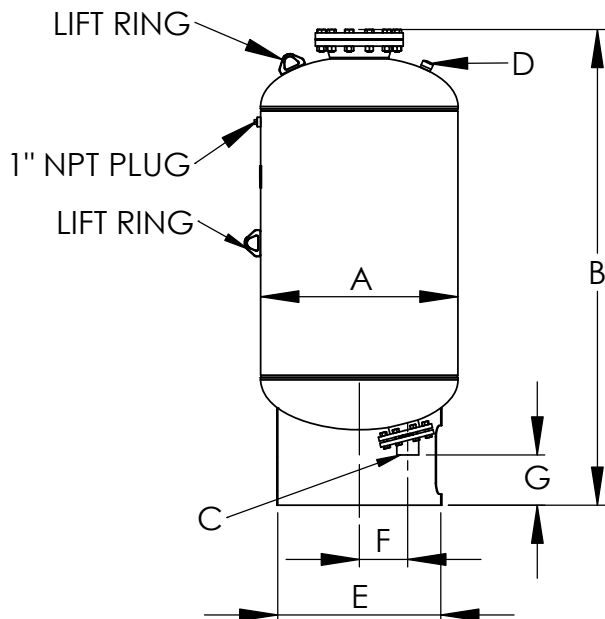


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Dimensions & Weights:

Model Number	DIMENSIONS IN INCHES							Approx. Shipping Weight (lbs)
	A	B	SYSTEM CONNECTION	CHARGING VALVE	E	F	G	
			C	D				
NVA-1000	36	87	3	0.302-32NC	30	8	8 1/2	735
NVA-1200		98 1/2						745
NVA-1400		112						900
NVA-1600	48	84	4		42	9	8 3/4	1210
NVA-2000		96						1305
NVA-2500		114						1430
NVA-3000L	60	134	4		54	10	8 1/4	1671
NVA-3000S		93						2169
NVA-4000		115						2638
NVA-5000	72	138	4		60	11	8 1/4	3246
NVA-7500		140						4080
NVA-10000		172						4920
NVA-15000		243						

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.



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