



SINCE 1908  
**wessels**  
 company

SUBMITTAL

**NTA WessView-SERIES**  
 HYDRONIC EXPANSION TANKS

Models: NTA-15W thru NTA-280W

Submittal Sheet No. A-1014B

Date: 10/16

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

**Description**

Wessels NTA WessView series are ASME fixed diaphragm type pre-charged expansion tanks equipped with a WessView tank integrity indicator. 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 heavy-duty diaphragm that prevents tank corrosion and waterlogging problems. All NTA expansion tanks can be installed vertically or horizontally.

**Construction**

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

**Performance Limitations**

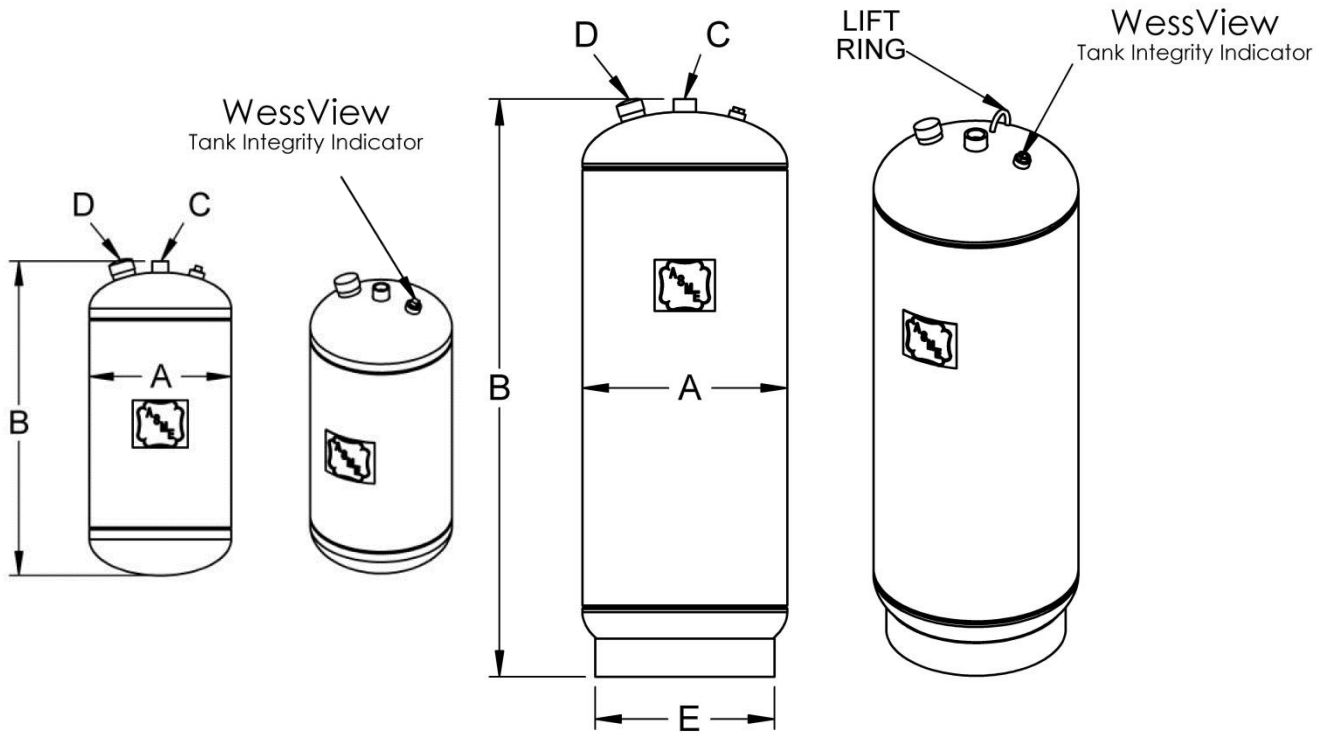
Maximum Design Temperature: 240°F  
 Maximum Design Pressure: 125 PSIG\*  
 NTA 15W thru NTA 60W: 150 PSIG\*  
 NTA 80W thru NTA 280W: 125 PSIG\*  
 \*200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Acceptance Volume (Gallons)	Tagging Information	Quantity
NTA-15W	19010015W	7.8	6.3		
NTA-20W	19010020W	10.9	8.8		
NTA-40W	19010040W	25	20.2		
NTA-60W	19010060W	35	28		
NTA-80W	19010080W	45	36		
NTA-100W	19010100W	60	48.5		
NTA-120W	19010120W	70	56.5		
NTA-144W	19010144W	80	65		
NTA-180W	19010180W	90	73		
NTA-200W	19010200W	115	93		
NTA-240W	19010240W	140	113.5		
NTA-260W	19010260W	158	128		
NTA-280W	19010280W	211	171		

**Typical Specification**

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel expansion tank with a fixed heavy-duty butyl diaphragm. The tank shall be equipped with a diaphragm integrity indicator (WessView), NPT system connection, 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 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 NTA-\_\_\_\_\_W or approved equal.



NTA 40W thru NTA 280W

**Dimensions & Weights**

Model Number	Dimensions in Inches					Approx. Ship Weight (lbs)	
	A	B	System Connection	Charging Valve	E		
			C	D			
NTA-15W	12	19	3/4	0.302" -32NC	-	42	
NTA-20W		25				52	
NTA-40W	16	33	1		14	84	
NTA-60W		44				97	
NTA-80W	20	38	1 1/2		18	148	
NTA-100W		49				175	
NTA-120W	24	46			1 1/2	22	259
NTA-144W		49					268
NTA-180W		52					283
NTA-200W		66					325
NTA-240W	30	78	1 1/2		24	362	
NTA-260W		63				591	
NTA-280W		81		752			

**Notes**

- Tanks are factory pre-charged at 12 psi and field adjustable.
- Available with mounting clips.