

SINCE 1908  
**wessels**  
 company

**SUBMITTAL**

**TYPE:** NL NON-ASME PRESSURIZED EXPANSION TANKS  
 FOR HEATING & COOLING SYSTEMS

**MODELS:** NL-15 TO NL-160VL

**Submittal Sheet No. NL-545-B**

**Date: 8/09**

JOB _____  Unit Tag No. _____ Engineer _____ Contractor _____	Wessels Representative _____ _____ _____ Order No. _____ Date _____ Submitted By _____ Date _____ Approved By _____ Date _____
---	---

**DESCRIPTION**

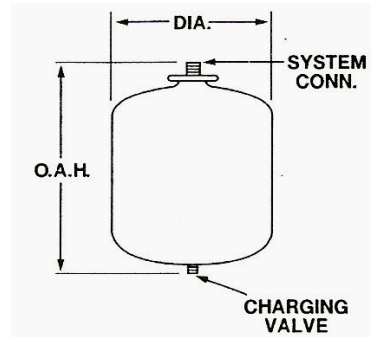
Wessels Type NL are non-ASME, replaceable bladder type, pre-charged expansion tanks specifically for heating/cooling systems. This tank is designed to absorb the expansion forces and control the system pressure. The water is contained in a butyl bladder

**CONSTRUCTION**

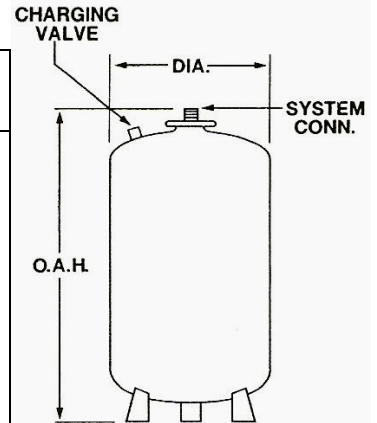
- Shell: Carbon Steel
- Bladder: Butyl
- Finish: Baked epoxy exterior

**PERFORMANCE LIMITATIONS**

- Maximum Design Pressure:  
 NL-15 Thru NL-40VL: 125 PSI  
 NL-60VL Thru NL 160VL: 90 PSI
- Maximum Design Temperature: 240°F
- Factory Pre-charged: 12 PSI



**MODELS**  
**NL15 TO NL60**



**MODELS**  
**NL80L TO NL160VL**

Model Number	Capacity (Gallons)		NPT System Connection	Dimensions		Weight Pounds
	Volume	Acceptance		DIA.	O.A.H.	
NL 15	2.1	1.2	3/4	7.9	12.9	6
NL 20	3.2	1.9	3/4	10.6	11.8	7
NL 30	4.8	2.8	3/4	10.6	16.2	9
NL 60	6.6	3.9	3/4	11.4	19.7	12
NL 80L	10.6	6.2	1	12.6	22.5	22
NL 90L	15.8	10.4	1	15.0	28.7	31
NL 40VL	21.1	12.4	1	17.7	28.9	35
NL 60VL	26.4	15.5	1	17.7	31.1	45
NL 90VL	52.8	35.0	1 1/2	21.6	42.5	84
NL 110VL	79.2	46.0	1 1/2	24.8	46.3	111
NL 160VL	132.1	50.0	1 1/2	30.7	50.5	217

