

SINCE 1908
wessels
 company

SUBMITTAL

TYPE: N-STYLE NON-ASME EXPANSION TANK
 FOR BOILER HEATING SYSTEMS

MODELS: N-15 thru N-90 & N-40V thru N-100V

Submittal Sheet No. N-3322

Date: 11-01

JOB _____

Wessels Representative _____

Unit Tag No. _____

Order No. _____

Date _____

Engineer _____

Submitted By _____

Date _____

Contractor _____

Approved By _____

Date _____

DESCRIPTION

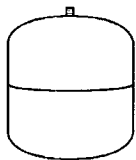
Wessels N-style Westrol[®] tanks are non-ASME diaphragm type pre-charged expansion tanks specifically designed for critical protection of hydronic heating systems. The tank is designed for installation to accept expanded hot boiler water, keeping system pressures below relief valve settings. The water is contained in a steel water reservoir with a double-clamped diaphragm separating the stored expanded water from the vital air cushion.

CONSTRUCTION

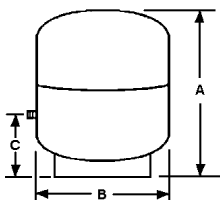
Shell: Carbon Steel
 Diaphragm: Double Clamped Butyl
 Finish: Appliance Like Silver Finish
 System Connection - Carbon Steel

PERFORMANCE LIMITATIONS

Maximum Design Temperature: 240°F
 Maximum Design Pressure: 150 PSI
 Factory pre-charged: 12 PSI (Field Adjustable)



Model Number	Tank Volume (gal.)	Acceptance Volume (gal.)	System Connection (in.)	Maximum OP. Press. (psi)	Dimensions		Approx. Weight (lbs.)	Quantity Required
					Diameter (in.)	Height (in.)		
N-15	2.1	1.0	1/2	150	7.9	10.8	6	
N-30	4.8	3.0	1/2	150	10.6	13.7	9	
N-60	6.3	3.9	1/2	150	11.8	15.4	14	
N-90	13.2	8.2	1/2	150	15.0	21.1	23	



Model	MWP (psig)	Total Vol. Gallons	Accept. Vol. Gallons	System Conn.	A	B	C	Wt. (Lbs.)	QTY REQ.D
N-40V	100	21.2	15	1"	23.6	17.7	7 3/4	33	
N-60V	100	39.7	28	1"	35.2	19.7	8	60	
N-90V	100	52.9	37	1"	33.9	23.6	9	81	
N-110V	100	66.1	56	1"	38.2	24.8	9 1/2	105	
N-160V	100	79.4	64	1"	44.7	24.8	9 1/2	145	

HEADQUARTERS: 101 TANK ST. • GREENWOOD, IN 46143 • TEL: 317-888-9800 • FAX: 317-888-9988
www.westank.com