

SINCE 1908
wessels
 company

SUBMITTAL

SS-NA-SERIES
 SEVERE SERVICE HYDRONIC EXPANSION
 TANKS

Models: SS-12NA33 thru SS-42NA96

Submittal Sheet No. H-1004A

Date: 4/16

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

Description

Wessels Severe Service NA series are ASME 304 stainless steel storage vessels. They are designed for commercial and industrial systems that require internal and external protection that is more robust than traditional fabricated plain steel designs. They can be used to store water and absorb the expansion forces to control the pressure in heating/cooling and hydro-pneumatic systems.

Construction

Shell: Stainless Steel
 Heads: Stainless Steel

Performance Limitations

Maximum Design Temperature: 450°F
 Maximum Design Pressure: 125 PSI**

*316L Stainless steel available

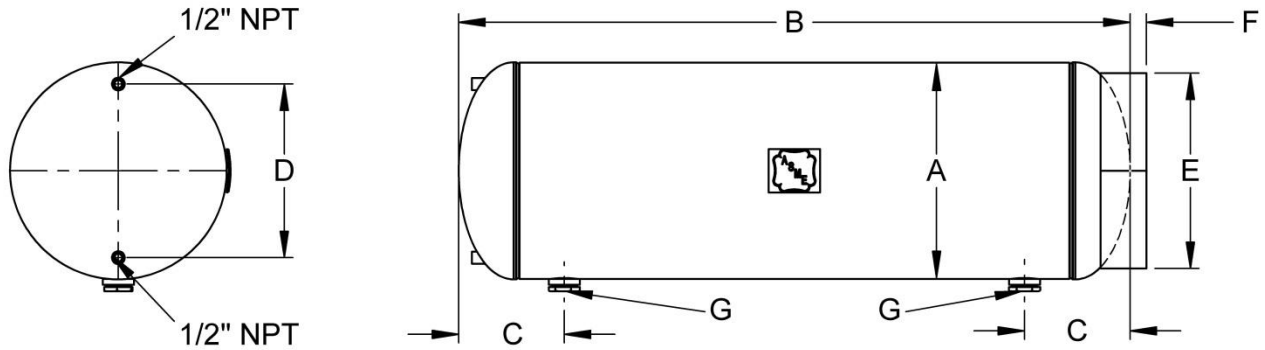
**200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
SS-12NA33	28012033	15		
SS-12NA51	28012051	24		
SS-14NA48	28014048	30		
SS-14NA63	28014063	40		
SS-16NA72	28016072	60		
SS-20NA62	28020062	80		
SS-20NA78	28020078	100		
SS-24NA65	28024065	120		
SS-24NA72	28024072	135		
SS-30NA62	28030062	175		
SS-30NA77	28030077	220		
SS-30NA84	28030084	240		
SS-30NA105	28030105	305		
SS-36NA72	28036072	295		
SS-36NA93	28036093	400		
SS-36NA120	28036120	505		
SS-42NA96	28042096	525		

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" long 304 stainless steel expansion tank as manufactured by Wessels Company. The tank shall have NPT system connections, sight glass openings, and drain. The tank shall be furnished with saddles if mounted horizontally and a base ring for vertical storage. The tank must be constructed with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Wessels model numbers SS- _____ NA _____ or approved equal.



SS-12NA33 thru SS-36NA93

Dimensions & Weights

Model Number	Dimensions in Inches							Shipping Weight (lbs)
	A	B	C	D	E	F	G	
SS-12NA33	12	33	7	8	11 1/2	7/8	1	86
SS-12NA51		51						108
SS-14NA48	14	48	10	1 1/8		121		
SS-14NA63		63				166		
SS-16NA72	16	72	10	12	18	1 1/2	214	
SS-20NA62	20	62 1/2		16			228	
SS-20NA78		78	11 1/8	20	1 1/2	283		
SS-24NA65	24	65				290		
SS-24NA72		72	318					
SS-30NA62	30	62 1/4	13 1/2	22	24	2	1 1/2	362
SS-30NA77		77						438
SS-30NA84		84						474
SS-30NA105		105 3/4						590
SS-36NA72	36	72	14 3/4	28	30	2 1/2	2	624
SS-36NA93		92 1/2						770
SS-36NA120		120						986
SS-42NA96	42	96	18	-	-	-	2	990

Notes

- Ring Stand not provided on SS-36NA120 and SS-42NA96.
- 12" x 16" manhole furnished on SS-42NA96.