

SINCE 1908  
**wessels**  
 company

SUBMITTAL

**NAG-SERIES**  
 HYDRO-PNEUMATIC TANKS

Models: 12NAG33 thru 42NAG96

Submittal Sheet No. C-1003B

Date: 4/17

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

**Description**

Wessels type NAG Tanks are ASME galvanized steel hydro-pneumatic tanks. They are designed to absorb the expansion forces and control the pressure in heating/cooling systems. This tank is the oldest style that has been used in this system. It works well when the air is controlled and kept in the tank, not in the system. The common face between this air cushion and the water in the tank allows the air to be absorbed by the water.

**Construction**

Shell: Galvanized Steel  
 Heads: Galvanized Steel

**Performance Limitations**

Maximum Design Temperature: 450°F

Maximum Design Pressure:

Models 12NAG33 to 16NAG72 150 PSIG\*

Models 20NAG62 to 42NAG96 125 PSIG\*

\*200 & 250 PSIG available

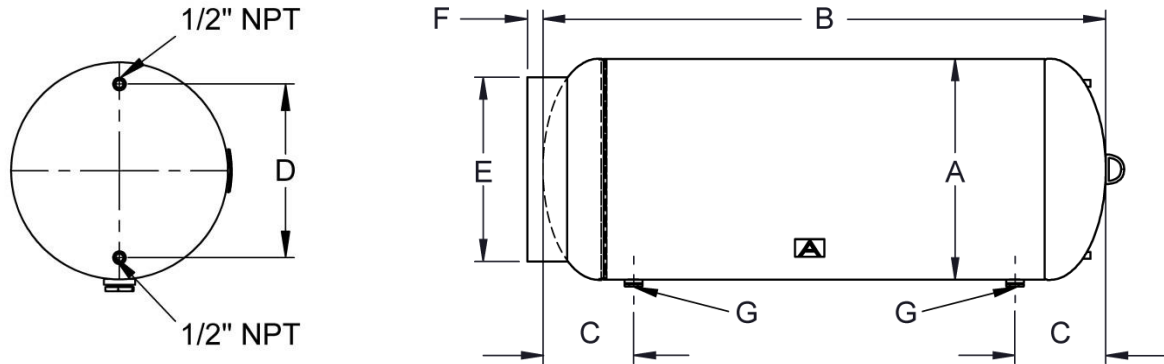
Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
12NAG33	16012033	15		
12NAG51	16012051	24		
14NAG48	16014048	30		
14NAG63	16014063	40		
16NAG72	16016072	60		
20NAG62	16020062	80		
20NAG78	16020078	100		
24NAG65	16024065	120		
24NAG72	16024072	135		
30NAG62	16030062	175		
30NAG77	16030077	220		
30NAG84	16030084	240		
30NAG105	16030105	305		
36NAG72	16036072	295		
36NAG93	16036093	400		
36NAG120	16036120	505		
42NAG96	16042096	525		

**Typical Specification**

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high or long) galvanized steel hydro-pneumatic tanks. 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 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 \_\_\_\_\_ NAG \_\_\_\_\_ or approved equal.

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12NAG33 thru 42NAG96

**Dimensions & Weights**

Model Number	Dimensions in Inches							Shipping Weight (lbs)	
	A	B	C	D	E	F	G		
12NAG33	12	33	7	8	11 1/2	7/8	1	44	
12NAG51		51						62	
14NAG48	14	48	10	10		1 1/8		1	72
14NAG63		63			92				
16NAG72	16	72		10	12	1 1/2	1 1/2		120
20NAG62	20	62	16		18			1 1/2	136
20NAG78		78							168
24NAG65	24	65	11 1/8	20	18	1 1/2	1 1/2	218	
24NAG72		72						238	
30NAG62	30	62	13 1/2	22				24	2
30NAG77		77			368				
30NAG84		84			394				
30NAG105		105 3/4			486				
36NAG72	36	72	14 3/4	28	-	-	2	502	
36NAG93		92 1/2			645				
36NAG120		120			810				
42NAG96		42			96	18		-	-

**Notes**

- Ring stand not provided on 30NAG105 thru 42NAG96.
- 12" x 16" manhole provided on 42NAG96.