

SINCE 1908
wessels
company

SUBMITTAL

TYPE: NA ASME PLAIN STEEL
EXPANSION TANKS

MODELS: 12NA33 TO 42NA96

Submittal Sheet No. N-3720

Date 1-95

JOB _____

Wessels Representative _____

Unit Tag No. _____

Order No. _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

Approved By _____ Date _____

DESCRIPTION

Wessels Type NA Tanks are ASME plain carbon steel expansion tanks. They are designed to absorb the expansion forces and control the pressure in heating/cooling systems.

CONSTRUCTION

Shell: Carbon steel
Heads: Carbon Steel

PERFORMANCE LIMITATIONS

Maximum Design Pressure:
Models 12NA33 to 16NA72 150 PSIG
Models 20NA62 to 42NA96 125 PSIG
Maximum Design Temperature: 450°F

SCHEDULE

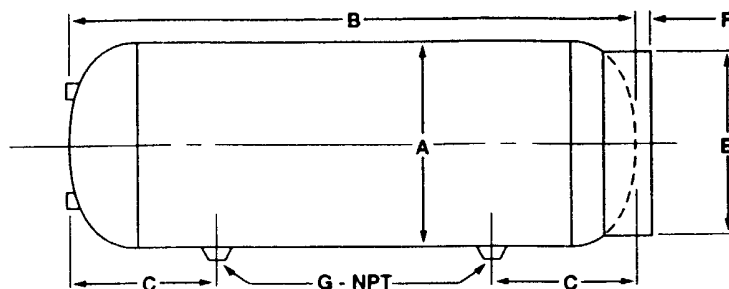
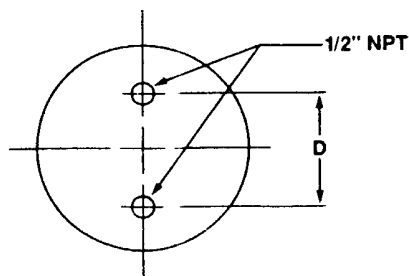
Model Number	Tank Volume Gallons	Tagging Information	Quantity
12NA33	15		
12NA51	24		
14NA48	30		
14NA63	40		
16NA72	60		
20NA62	80		
20NA78	100		
24NA65	120		
24NA72	135		
30NA62	175		
30NA77	220		
30NA84	240		
30NA105	305		
36NA72	295		
36NA93	400		
36NA120	505*		
42NA96	525*		

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallon _____" diameter X _____" long or high plain steel expansion tank. The tank shall have NPT system connection, gage 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 section VIII of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Wessels model number NA _____ or approved equal.

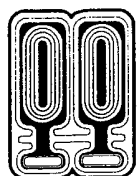
ASME EXPANSION TANKS



DIMENSIONS & WEIGHTS

GALLON CAPACITY	MODEL NUMBER	A	B	C	D	E	F	G	SHIPPING WEIGHT
15	12NA33	12	33	7"	8"	11 1/2"	7/8"	1"	44
24	12NA51	12	51	7"	8"	11 1/2"	7/8"	1"	62
30	14NA48	14	48	10"	10"	11 1/2"	1 1/8"	1"	72
40	14NA63	14	63	10"	10"	11 1/2"	1 1/8"	1"	92
60	16NA72	16	72	10"	12"	11 1/2"	1 1/8"	1"	120
80	20NA62	20	62 1/2	10"	16"	18"	1 1/2"	1"	136
100	20NA78	20	78	10"	16"	18"	1 1/2"	1"	168
120	24NA65	24	65	11 1/8"	20"	18"	1 1/2"	1"	218
135	24NA72	24	72	11 1/8"	20"	18"	1 1/2"	1"	238
175	30NA62	30	62 1/4	13 1/2"	22"	24"	2"	1 1/2"	338
220	30NA77	30	77	13 1/2"	22"	24"	2"	1 1/2"	368
240	30NA84	30	84	13 1/2"	22"	24"	2"	1 1/2"	394
305	30NA105	30	105 3/4	13 1/2"	22"	24"	2"	1 1/2"	486
295	36NA72	36	72	14 3/4"	28"	30"	2 1/2"	1 1/2"	502
400	36NA93	36	92 1/2	14 3/4"	28"	30"	2 1/2"	1 1/2"	645
505*	36NA120	36	120	14 3/4"	28"	—	—	1 1/2"	810
525*	42NA96	42	96	18"	28"	—	—	2"	895

* Ring stand not provided on 505 and 525 gallon tanks, 12" x 16" manhole furnished on 525 gallon.



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 WEB SITE: www.westank.com