

ASME EXPANSION TANK

– Plain steel

Calefactio 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.

- ASME design and label
- Base ring for vertical warehousing and storage
- Gauge glass opening in head
- Saddles available for horizontal mounting
- Optional – Galvanized tanks

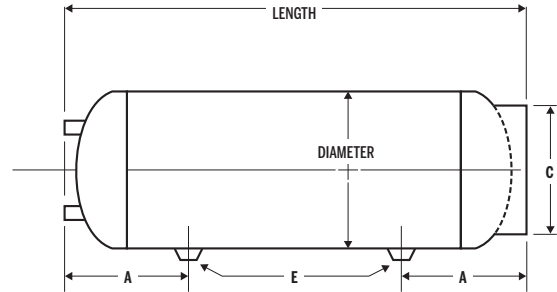
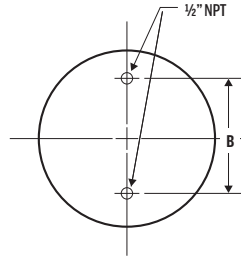
CONSTRUCTION

- 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

Ring stand not provided on 505 and 525 gallon tanks, 11" x 15" manhole furnished on 525 gallon.



Model	Tank Size		Diameter		Length		A		B		C		NPT Connection E		Shipping weight	
	gal	L	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
12NA33	15	57	12	305	33	838	7	203	8	203	11 1/2	292	1	25	44	20
12NA51	24	91	12	305	51	1295	7	203	8	203	11 1/2	292	1	25	62	28
14NA48	30	114	14	356	48	1219	10	254	10	254	11 1/2	292	1	25	72	33
14NA63	40	151	14	356	63	1600	10	254	10	254	11 1/2	292	1	25	92	42
16NA72	60	227	16	406	72	1829	10	254	12	305	11 1/2	292	1	25	120	54
20NA62	80	303	20	508	62 1/2	1587	10	254	16	406	18	457	1	25	136	62
20NA78	100	379	20	508	78	1981	10	254	16	406	18	457	1	25	168	76
24NA65	120	454	24	610	65	1651	11 1/8	283	20	508	18	457	1	25	218	99
24NA72	135	511	24	610	72	1829	11 1/8	283	20	508	18	457	1	25	238	108
30NA62	175	662	30	762	62 1/4	1581	13 1/2	343	22	559	24	610	1 1/2	38	338	153
30NA77	220	833	30	762	77	1956	13 1/2	343	22	559	24	610	1 1/2	38	368	167
30NA84	240	908	30	762	84	2134	13 1/2	343	22	559	24	610	1 1/2	38	394	179
30NA105	305	1155	30	762	105 3/4	2686	13 1/2	343	22	559	24	610	1 1/2	38	486	220
36NA72	295	1117	36	914	72	1829	14 3/4	375	28	711	30	762	1 1/2	38	502	227
36NA93	400	1514	36	914	92 1/2	2349	14 3/4	375	28	711	30	762	1 1/2	38	645	292
36NA120	505*	1912	36	914	120	3048	14 3/4	375	28	711	n.d.	n.d.	1 1/2	38	810	367
42NA96	525*	1987	42	1067	96	2438	18	457	28	711	n.d.	n.d.	1 1/2	38	895	406

QUANTITY: _____ MODEL: _____ NA _____

Notes: _____

Project: _____ Representative: _____

Location: _____ Date submitted: _____

Engineer: _____ Approved by: _____

Contractor: _____ Date of approval: _____

TYPICAL SPECIFICATIONS: Furnish and install as shown on plans a _____ gallons/liters _____ in/mm diameter x _____ in/mm long plain steel expansion tank. The tank shall have NPT system connection, gauge 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 Calefactio model number _____-NA-_____ or approved equal.