

Submittal Data

ASME EXPANSION TANK HEATING / ALT SERIES

Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

Submitted by: _____ Date: _____
 Approved by: _____ Date: _____
 Order No.: _____ Date: _____
 Notes: _____

QUANTITY	<input type="text"/>	MAXIMUM PRESSURE	<input type="checkbox"/> 125 PSI / 861 kPa
MODEL	ALT-		<input type="checkbox"/> 150 PSI / 1034 kPa
<input type="checkbox"/> OPTION		<input type="checkbox"/> 175 PSI / 1207 kPa	<input type="checkbox"/> Other*: <input type="text"/>
Seismic bracket Suffix "VB" (fits all models)		*Subject to the manufacturer's approval.	


- Replaceable bladder**
- Top connection**

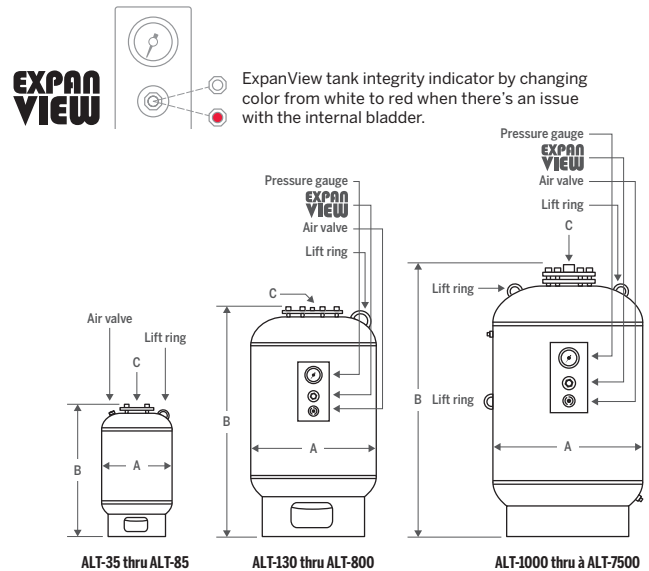
- ▶ Acceptance factor of 100%
- ▶ Replaceable butyl bladder
- ▶ Design conforms to ASME, section VIII
- ▶ Water remains permanently separated from air
- ▶ Air precharged at factory; pressure adjustable on site

TECHNICAL SPECIFICATIONS

- ▶ Exterior finish in painted primer
- ▶ Maximum temperature 240°F (115°C)
- ▶ Air precharged at factory at 12 PSI (83 kPa)
- ▶ Service pressure 125 PSI (862 kPa)
- ▶ Maximum pressure of 150, 175, 250 and 300 PSI also available

To obtain a tank of higher capacity and greater pressure, contact the manufacturer.





Model#	Volume		Dimensions				NPT Connect.		Weight	
			A		B		C			
	gal	L	in	mm	in	mm	in	mm	lb	kg
ALT-35	8	30	12	305	28	711	1	25	50	23
ALT-50	13	49	12	305	36	914	1	25	60	27
ALT-85	23	87	16	406	37	940	1	25	80	36
ALT-130	35	132	20	508	37	940	¾	19	125	57
ALT-200	53	200	24	610	43	1092	¾	19	210	95
ALT-300	79	299	24	610	55	1397	¾	19	225	102
ALT-400	106	401	30	762	49	1245	¾	19	300	136
ALT-500	132	500	30	762	57	1448	¾	19	335	152
ALT-600	158	598	30	762	65	1651	¾	19	360	163
ALT-800	211	798	32	813	76	1930	¾	19	475	215
ALT-1000	264	999	36	914	76	1930	1½	38	552	250
ALT-1200	317	1200	36	914	88	2235	1½	38	679	308
ALT-1400	370	1400	36	914	100	2540	1½	38	688	312
ALT-1600	422	1597	48	1219	74	1880	1½	38	1046	474
ALT-2000	528	1999	48	1219	86	2184	1½	38	1150	522
ALT-2500	660	2498	48	1219	104	2642	2	51	1444	655
ALT-3000L	792	2998	48	1219	124	3150	2	51	1658	752
ALT-3000S	792	2998	60	1524	83	2108	2	51	1868	847
ALT-3500	926	3505	54	1372	111	2819	2	51	2369	1075
ALT-4000	1056	3997	60	1524	105	2667	2	51	2238	1015
ALT-5000	1320	4996	60	1524	128	3251	2	51	2617	1187
ALT-7500	1981	7499	72	1829	131	3327	3	76	3768	1709

TYPICAL SPECIFICATIONS

Furnish and install, as shown on the plans, a _____ gallons/liters _____ in/mm diameter x _____ in/mm (high) air precharged steel expansion tank, with a heavy duty butyl replaceable bladder. The tank shall have a _____ in/mm bottom NPT stainless steel system connection and a 0.302"-32 charging valve (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and basing or angle legs for vertical installation. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped _____ PSI working pressure. Each tank shall be Calefactio model ALT- _____ or approved equal.