

Submittal Data



ASME EXPANSION TANK HEATING / AL SERIES

Job Name: _____

Location: _____

Engineer: _____

Contractor: _____

Sales Rep.: _____

Submitted by: _____

Approved by: _____

Order No.: _____

Notes: _____

Date: _____

Date: _____

Date: _____

QUANTITY <input type="text"/>	MAXIMUM PRESSURE
MODEL AL- <input type="text"/>	<input type="checkbox"/> 125 PSI / 861 kPa
<input type="checkbox"/> OPTION	<input type="checkbox"/> 150 PSI / 1034 kPa
Seismic bracket Suffix "VB" (fits models AL-85 to AL-5000)	<input type="checkbox"/> 175 PSI / 1207 kPa
	<input type="checkbox"/> Other*: <input type="text"/>

*Subject to the manufacturer's approval.

✓ Replaceable bladder ✓ Bottom 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

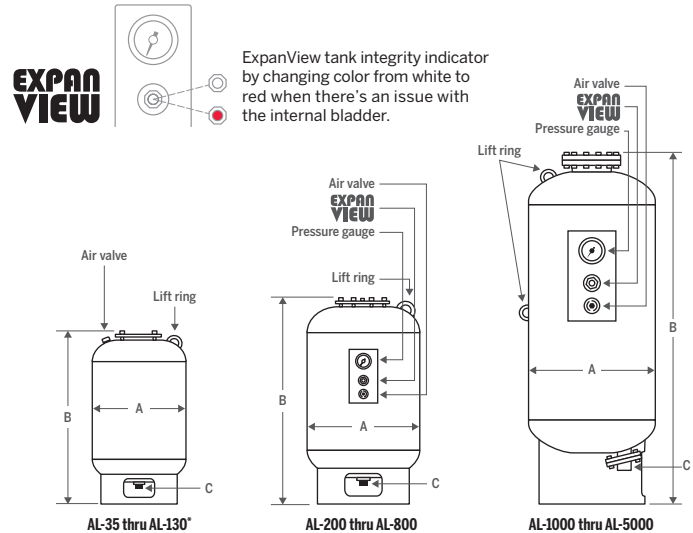
TECHNICAL SPECIFICATIONS

- ▶ 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.

TYPICAL SPECIFICATIONS

Furnish and install, as shown on the plans, a _____ gallons/liters _____ in/mm diameter × _____ 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 Expanflex model AL-_____ or approved equal.



*Pressure gauge available as an option.

Model#	Volume		Dimensions				NPT Connect.		Weight	
			A		B		C			
	gal	L	in	mm	in	mm	in	mm	lb	kg
AL-35	10	38	12	305	28	711	1	25	40	18
AL-50	13	50	12	305	36	918	1	25	60	27
AL-85	23	87	16	406	37	940	1	25	90	41
AL-130	35	132	16	406	50	1270	1	25	125	57
AL-200	53	200	24	610	43	1092	1½	38	210	95
AL-300	79	299	24	610	55	1397	1½	38	225	102
AL-400	106	401	30	762	49	1245	1½	38	300	136
AL-500	132	500	30	762	57	1448	2	50	330	150
AL-600	158	598	30	762	65	1651	2	50	360	163
AL-800	211	798	32	813	76	1930	2	50	475	215
AL-1000	264	999	36	914	87	2210	3	76	735	333
AL-1200	317	1200	36	914	98,5	2502	3	76	745	338
AL-1400	370	1400	36	914	112	2845	3	76	900	408
AL-1600	422	1597	48	1219	84	2134	3	76	1210	549
AL-2000	528	1999	48	1219	96	2438	3	76	1305	592
AL-2500	660	2498	48	1219	114	2896	4	102	1430	649
AL-3000L	792	2998	48	1219	134	3404	4	102	1671	758
AL-3000S	792	2998	60	1524	93	2362	4	102	2169	984
AL-4000	1056	3997	60	1524	115	2921	4	102	2638	1197
AL-5000	1320	4996	60	1524	138	3505	4	102	3246	1472

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