

HEATING

AL SERIES

- ✔ 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

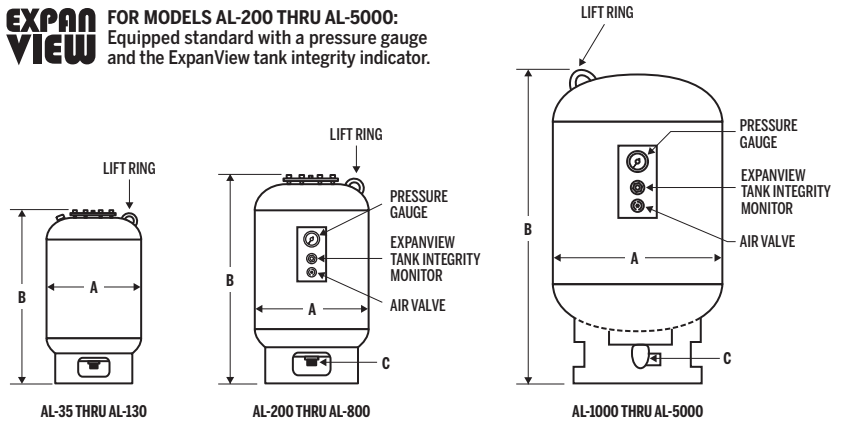
- ▶ Exterior finish in painted primer
- ▶ Maximum temperature 240°F (115°C)
- ▶ Air precharged at factory at 12 PSI (83 kPa)
- ▶ Service pressure 125 PSI (862 kPa)
- ▶ Maximum pressure of 150, 175, 250 and 300 PSI also available



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

EXPANVIEW

FOR MODELS AL-200 THRU AL-5000:
Equipped standard with a pressure gauge and the ExpanView tank integrity indicator.



Model#	Volume		Dimensions				NPT Connection (C)		Shipping weight	
			Diameter (A)		Height (B)					
	gal	L	in	mm	in	mm	in	mm	lb	kg
AL-35	10	38	12	305	25	635	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	20	508	37	940	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	335	152
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	82	2083	1½	38	850	386
AL-1200	317	1200	36	914	94	2388	1½	38	950	431
AL-1400	370	1400	36	914	107	2718	1½	38	1050	476
AL-1600	422	1597	48	1219	77	1956	1½	38	1545	701
AL-2000	528	1999	48	1219	90	2286	1½	38	1745	792
AL-2500	660	2498	48	1219	108	2743	2	50	1965	891
AL-3000L	792	2998	48	1219	125	3175	2	50	2200	998
AL-3000S	792	2998	60	1524	91	2311	2	50	2700	1225
AL-4000	1056	3997	60	1524	115	2921	2	50	3780	1718
AL-5000	1320	4996	60	1524	137	3480	2	50	3600	1633

QUANTITY: _____ MODEL: AL- _____

OPTION: Seismic bracket – Suffix “VB”
(Fits models AL-85 to AL-5000)

MAXIMUM PRESSURE: 125 PSI / 861 kPa 150 PSI / 1034 kPa 175 PSI / 1207 kPa Other*: _____

Notes: _____

Project: _____ Representative: _____

Location: _____ Date submitted: _____

Engineer: _____ Approved by: _____

Contractor: _____ Date of approval: _____

*Subject to the manufacturer’s approval.

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.