

Submittal Data

ASME EXPANSION TANK HYDRO-PNEUMATICS / AFX SERIES

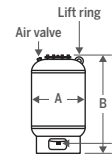
Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

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

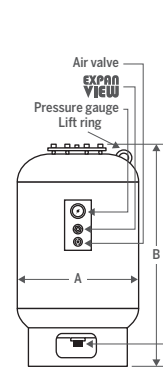
QUANTITY	<input type="text"/>	MAXIMUM PRESSURE	<input type="checkbox"/> 125 PSI / 861 kPa
MODEL	AFX- <input type="text"/>		<input type="checkbox"/> 150 PSI / 1034 kPa
<input type="checkbox"/> OPTION		<input type="checkbox"/> 175 PSI / 1207 kPa	<input type="checkbox"/> Other*: <input type="text"/>
Seismic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



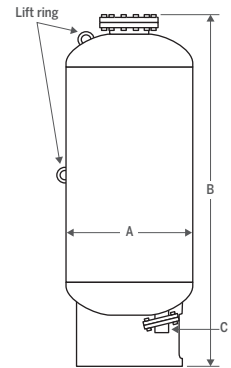
ExpanView tank integrity indicator by changing color from white to red when there's an issue with the internal bladder.



AFX-35 and AFX-85



AFX-130 thru AFX-4000



AFX-5000 thru AFX-15000

- Replaceable bladder**
- Bottom connection**

- ▶ Replaceable butyl bladder ultra resistant CSA approved conforms to the NSF61 standard
- ▶ Design conforms to ASME, section VIII
- ▶ Air precharged at factory; pressure adjustable on site
- ▶ Ideal for booster systems
- ▶ Storage tank for drinking and well water

TECHNICAL SPECIFICATIONS

- ▶ Exterior finish in painted primer
- ▶ Maximum temperature 240°F (115°C)
- ▶ Air precharged at factory at 30 PSI
- ▶ Standard pressure of 125 PSI

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

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallons/liters _____ in/mm diameter x _____ in/mm (high) air precharged steel hydro-pneumatic expansion tank with replaceable heavy duty butyl bladder and a _____ in/mm diameter system connection. The tank must have a NPT stainless steel system connection and a 0.302"-32 charging valve connection (standard tire valve) to facilitate on-site charging of the tank to meet system requirements. The tank must be fitted with lifting rings and basing or angle legs for vertical installation, and 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 number AFX- _____ or approved equal.

Model#	Tank Volume		Dimensions				NPT Connect.		Weight	
			A		B		C			
	gal	L	in	mm	in	mm	in	mm	lb	kg
AFX-35	8	30	12	305	28	711	¾	19	40	18
AFX-50	13	49	12	305	36	914	¾	19	50	23
AFX-85	23	87	16	406	37	940	1	25	90	41
AFX-130	35	133	16	406	50	1270	1	25	125	57
AFX-200	53	201	24	610	43	1092	1½	38	210	95
AFX-300	79	299	24	610	55	1397	1½	38	225	102
AFX-400	106	401	30	762	49	1245	1½	38	300	136
AFX-500	132	500	30	762	57	1448	2	51	335	152
AFX-600	158	598	30	762	65	1651	2	51	360	164
AFX-800	211	799	32	813	76	1930	2	51	475	216
AFX-1000	264	999	36	914	87	2210	3	76	735	333
AFX-1200	317	1200	36	914	98.5	2502	3	76	745	338
AFX-1400	370	1401	36	914	110.5	2807	3	76	900	408
AFX-1600	422	1597	48	1219	84	2134	3	76	1210	549
AFX-2000	528	1999	48	1219	96	2438	3	76	1305	592
AFX-2500	660	2498	48	1219	110	2794	4	102	1430	649
AFX-3000L	792	2998	48	1219	133	3378	4	102	1575	714
AFX-3000S	792	2998	60	1524	93	2362	4	102	2169	984
AFX-4000	1056	3997	60	1524	115	2921	4	102	2638	1197
AFX-5000	1320	4997	60	1524	138	3505	4	102	3246	1472
AFX-7500	1980	7498	72	1829	140	3556	4	102	4080	1850
AFX-10000	2640	9992	72	1829	172	4369	4	102	4920	2232
AFX-15000	3963	15,002	72	1829	243	6172	4	102	6000	2722