



EXTROL®

Hydronic Expansion Tanks: Horizontal AX Series ASME

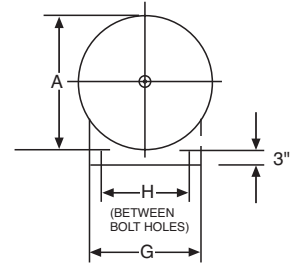
150 PSIG Working Pressure

Construction

Shell	ASME Approved Steel
Diaphragm	Heavy Duty Butyl/EPDM
System Connection	NPTF ¹ Malleable Iron Center NPTM ² Malleable Iron Center NPTM ³ Malleable Iron Top Offset
Finish	Red Oxide Primer
Air Valve	Schrader Valve w/EPDM Seats
Factory Precharge	12 PSIG (.8 bar)

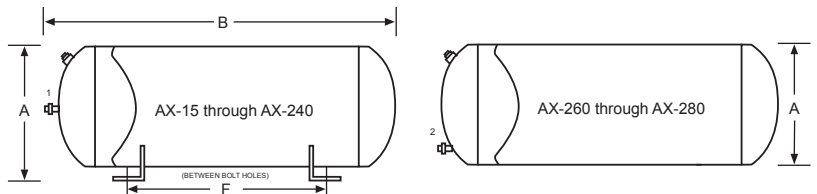
Application

- For use in closed, non-potable hydronic heating and chilled water systems.
- Designed to meet all ASME Code Section VIII, Division 1 standards.
- Available with optional sight glass and seismic restraints (saddles).
- Suitable in propylene glycol applications with mixtures up to 50%.



Performance

Maximum Operating Temperature	240°F (115°C)
Maximum Working Pressure	150 PSIG (10.3 bar)
Warranty	1 Year



Horizontal ASME Models

Model Number	Tank Volume		Max. Accept. Volume		Tank Diameter A		Tank Length B		Sys. Conn	Restraints (Saddles) for Horizontal Mounting						Ship Wt. with Restrains (Saddles)		Shipping Weight	
	Gal	Lit	Gal	Lit	In	mm	In	mm		F		G		H		Lbs	Kg	Lbs	Kg
AX-15	8.0	30.3	2.4	9.1	12	305	19	489	1/2 ¹	14 3/8	365	10	254	8	203	41	19	39	18
AX-20	10.9	41.3	2.4	9.1	12	305	26	607	1/2 ¹	21 1/8	537	10	254	8	203	50	23	48	22
AX-40	21.7	82.2	11.3	42.8	16	356	29	737	1/2 ¹	22	557	14	356	12	305	96	44	76	34
AX-60	33.6	127.2	11.3	42.8	16	356	43	1073	1/2 ¹	36 3/8	918	14	356	12	305	136	62	120	54
AX-80	44.4	168.1	22.6	85.5	24	610	29	725	1 ¹	16 3/8	429	20	508	18	457	180	82	160	73
AX-100	55.7	211.8	22.6	85.5	24	610	33	840	1 ¹	21 1/2	546	20	508	18	457	200	91	180	32
AX-120	68.0	257.4	34.0	128.7	24	610	41	1051	1 ²	29 1/2	749	20	508	18	457	235	107	245	111
AX-144	77.0	291.5	34.0	128.7	24	610	46	1170	1 ²	34 3/8	873	20	508	18	457	246	112	250	113
AX-180	90.0	340.7	34.0	128.7	24	610	54	1357	1 ²	41 3/4	1060	20	508	18	457	248	113	265	120
AX-200	110.0	416.4	34.0	128.7	24	610	64	1624	1 ²	52 1/4	1327	20	508	18	457	306	139	320	145
AX-240	132.0	500.0	46.0	174.0	30	762	51	1295	1 ²	35	889	24	610	22	559	428	194	403	183
AX-260	159.0	600.0	56.0	212.0	30	762	62	1581	1 1/4 ³	44 1/4	1124	24	610	22	559	480	218	460	209
AX-280	211.0	800.0	84.0	318.0	30	762	80	2032	1 1/4 ³	62	1575	24	610	22	559	660	299	600	272

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

