



Hydronic Expansion Tanks: ABT Series ASME

125 PSIG Working Pressure

Construction

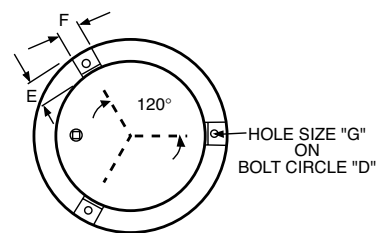
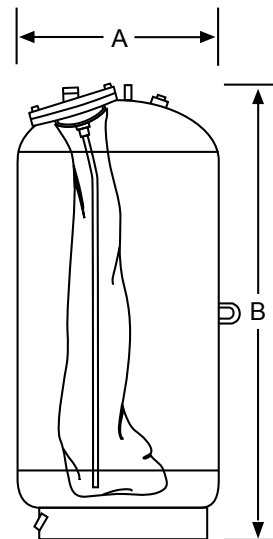
Shell	ASME Approved Steel
Bladder Design	Full Acceptance; Replaceable
Bladder Thickness	.100 In Minimum
System Connection	NPTF Malleable Iron
Finish	Red Oxide Primer
Air Valve	Schrader Valve w/EPDM Seats
Factory Precharge	12 PSIG (.8 bar)

Performance

Maximum Operating Temperature	240°F (115°C)
Maximum Working Pressure	125 PSIG (8.6 bar)
Warranty	1-Year

Application

- For use in closed, non-potable hydronic heating and chilled water systems.
- Replaceable, full acceptance bladder design.
- Meets all ASME Code Section VIII, Division 1 standards.
- Available with optional sight glass and seismic restraints.
- Suitable in propylene glycol applications with mixtures up to 50%. (option) Available with nsf 61 connection for potable water



BOTTOM VIEW

ASME Models

Model Number	Tank Volume		A Tank Diameter		B Tank Height		C Stand Diameter		System Conn. (NPTF)		Drain Conn.		Shipping Weight	
	Gal	Lit	In	mm	In	mm	In	mm	In	mm	In	mm	Lbs	Kg
ABT200-L	53	200	24	610	38	956	19	483	1	25	3/4	19	190	86
ABT300-L	80	300	24	610	52	1308	19	483	1	25	3/4	19	230	104
ABT400-L	106	400	24	610	66	1662	19	483	1	25	3/4	19	275	125
ABT500-L	132	500	24	610	79	2006	19	483	1	25	3/4	19	311	141
ABT600-L	158	600	30	762	64	1619	24	610	1 1/2	38	1	25	439	199
ABT800-L	211	800	30	762	82	2076	24	610	1 1/2	38	1	25	543	246
ABT1000-L	264	1000	36	914	74	1867	30	762	1 1/2	38	1 1/4	32	609	276
ABT1200-L	317	1200	36	914	86	2181	30	762	1 1/2	38	1 1/4	32	700	318
ABT1400-L	370	1400	36	914	98	2496	30	762	1 1/2	38	1 1/4	32	783	355
ABT1600-L	422	1600	48	1219	69	1756	42	1067	1 1/2	38	1 1/2	38	1106	502
ABT2000-L	528	2000	48	1219	84	2145	42	1067	1 1/2	38	1 1/2	38	1284	582
ABT2500-L	660	2500	48	1219	101	2562	42	1067	2	50	1 1/2	38	1544	700
ABT3000-L	792	3000	48	1219	118	3000	42	1067	2	50	1 1/2	38	1719	780
ABT3500-L	925	3500	54	1372	111	2820	42	1067	2	50	1 1/2	38	2187	992
ABT4000-L	1057	4000	54	1372	125	3175	42	1067	2	50	1 1/2	38	2352	1067
ABT5000-L	1321	5000	60	1524	128	3251	42	1067	2	50	1 1/2	38	2450	1111
ABT7500-L	1980	7500	72	1829	127	3226	54	1372	3	76	1 1/2	38	4000	1818
ABT7500-LC	1980	7500	72	1829	144	3658	54	1372	3	76	1 1/2	38	4000	1818
ABT10000-L	2640	10000	72	1829	159	4039	54	1372	3	76	1 1/2	38	4900	2227
ABT15000-L	3963	15000	72	1829	233	5918	54	1372	3	76	1 1/2	38	6000	2727

All dimensions and weights are approximate.

Optional Seismic Restraints

Tank Diameter	Bolt Circle	Dim.	Dim.	Hole Size
B	D	E	F	G
24	21	2	2	9/16
30	27	3	3	1 1/16
36	34	4	4	7/8
48	46	4	4	7/8
54	46	4	4	7/8
60	46	4	4	7/8
72	58	4	4	1

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

