HYDRO-PNEUMATICS

SSA SERIES

Replaceable bladder

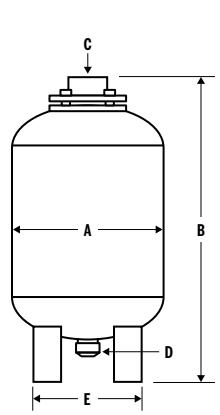
- Ultra resistant butyl bladder
- Construction conforms to ASME Section VIII
- Water remains permanently separated from air
- Air precharged at factory; pressure adjustable on site
- Effectively control water hammer shock and pump start-up/shut-down water surge
- With large water system connections designed to quickly accept water surge pressures, with minimal pressure drop
- Bottom connection for all models except SSA-35 and SSA-50

TECHNICAL SPECIFICATIONS

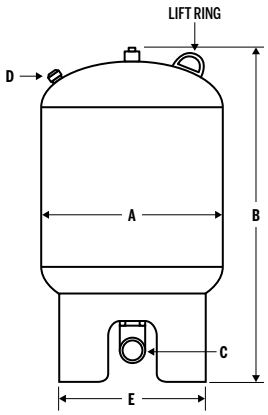
- Maximum design temperature: 240°F (115°C)
- Air precharged at factory at 30 PSI
- Maximum design pressure: 250 PSI

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

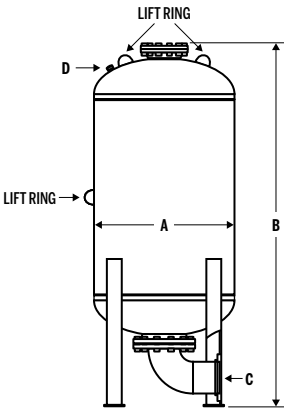
Shock and surge arrestors



SSA-35 AND SSA-50



SSA-130 THRU SSA-800



SSA-1000 THRU SSA-2500

Model#	Volume		Dimensions										Shipping approx. weight	
			A		B		System connection C		Charging valve D	E				
	gal	L	in	mm	in	mm	in	mm		in	mm		lb	kg
SSA-35	10	38	12	305	26	660	2½	64		9	229		55	25
SSA-50	13	49	14	356	26	660	2½	64		10	254		65	30
SSA-85	23	87	16	406	30½	775	3	76		12	305		134	61
SSA-130	35	132	20	508	30½	775	3	76		16	406		175	79
SSA-200	53	201	24	610	46½	1181	4	102		20	508		250	113
SSA-300	79	299	24	610	58½	1486	4	102	0.302" – 32 NC	20	508		341	155
SSA-400	106	401	30	762	52½	1334	4	102		24	610		430	195
SSA-500	132	500	30	762	63	1600	6	152		24	610		596	270
SSA-600	158	598	30	762	71	1803	6	152	7.7 mm – 32 NC	24	610		653	296
SSA-700	185	700	30	762	81½	2070	6	152		24	610		726	329
SSA-800	211	799	32	813	82	2083	6	152		26	660		902	409
SSA-1000	264	999	36	914	85	2159	10	254		–	–		1147	520
SSA-1200	317	1199	36	914	107	2718	10	254		–	–		1303	591
SSA-1400	370	1401	36	914	119	3023	10	254		–	–		1447	656
SSA-1600	422	1597	48	1219	92	2337	10	254		–	–		1888	856
SSA-2000	528	1999	48	1219	105	2667	10	254		–	–		2105	955
SSA-2500	660	2498	48	1219	122	3099	10	254		–	–		2425	1100

NOTE: Available with mounting clips.

QUANTITY: _____ **MODEL: SSA-**_____ **OPTION :** ☐ Seismic bracket – Suffix "VB" (Fits all models)

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 plans a _____ gallons/liters _____ in/mm diameter × _____ in/mm (high) air precharged steel hydro-pneumatic tank with a _____ in/mm diameter system connection and a replaceable heavy-duty butyl bladder. The tank shall have a victaulic system connection, and a 0.302"-32 charging valve connection (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 basering or angle legs for vertical installation. The tank must be constructed in accordance with most recent addition of Section VIII of the ASME Boiler and Pressure Vessel Code and stamped _____ psi working pressure. Each tank shall be Calefactio model number SSA- _____ or approved equal.

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