



**SUBMITTAL**

TYPE: ASME SURGE ARRESTORS

MODELS: SSA 35 TO SSA 10000

Submittal Sheet No. 3808

Date 9-06

JOB \_\_\_\_\_

AA tanks Representative \_\_\_\_\_

Unit Tag No. \_\_\_\_\_

Order No. \_\_\_\_\_ Date \_\_\_\_\_

Engineer \_\_\_\_\_

Submitted By \_\_\_\_\_ Date \_\_\_\_\_

Contractor \_\_\_\_\_

Approved By \_\_\_\_\_ Date \_\_\_\_\_

**DESCRIPTION**

AA tanks Type SSA Tank is an ASME replaceable bladder type pre-charge hydro-pneumatic tanks for commercial, industrial, municipal and well water systems, to effectively control water hammer shock, and pump start-up/shut-down water surge. The vessel is fabricate up to 500 PSI rating with large water system connection designed to accept potentially harmful water surge pressures quickly, with minimal pressure drop.

**CONSTRUCTION**

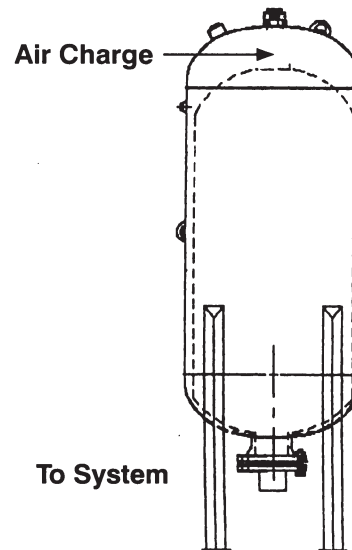
Shell: Carbon Steel  
Bladder: NSF listed Heavy Duty Butyl  
External Finish: Primer  
System Connection: Epoxy Coated Carbon Steel

**PERFORMANCE LIMITATIONS**

Maximum Design Pressure: 125, 150, 200, 250 & 500 PSI  
Maximum Design Temperature: 240°F  
Factory pre-charge: 10 PSI (Field Adjustable)

**DIMENSIONS**

MODEL	LITER	GAL	DIA	HT	WT	WORKING PRESSURE	SYS CONN.
SSA 35	38	10	12	28	55	250 PSI	2.5
SSA 50	49	13	14	28	65	250 PSI	2.5
SSA 85	87	23	16	40	134	250 PSI	3
SSA 130	132	35	20	40	175	250 PSI	3
SSA 200	200	53	24	47	270	250 PSI	4
SSA 300	300	79	24	59	341	250 PSI	4
SSA 400	400	106	30	53	454	250 PSI	4
SSA 500	500	132	30	63	515	250 PSI	6
SSA 600	600	158	30	71	771	250 PSI	6
SSA 700	700	185	30	82	797	250 PSI	6
SSA 800	800	211	32	82	902	250 PSI	6
SSA 1000	1000	264	36	97	1147	250 PSI	10
SSA 1200	1200	317	36	107	1303	250 PSI	10
SSA 1400	1400	370	36	119	1447	250 PSI	10
SSA 1600	1600	422	48	92	1888	250 PSI	10
SSA 2000	2000	528	48	105	2105	250 PSI	10
SSA 2500	2500	660	48	122	2425	250 PSI	10
SSA 3000L	3000	794	48	142	3031	250 PSI	10
SSA 4000	4000	1058	60	124	3346	250 PSI	10
SSA 5000	5000	1323	60	148	4113	250 PSI	10
SSA 7500	7500	1984	72	148	5668	250 PSI	10
SSA 10000	10000	2646	72	172	6955	250 PSI	10



**TYPICAL SPECIFICATIONS**

Furnish and install on the plans a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel hydro-pneumatic tank with \_\_\_\_\_" diameter system connection and replaceable heavy duty butyl bladder. The tank shall have a bottom flanged system connection and a .302" - 32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet systems requirements. The tank shall be fitted with lifting ring and a floor mounting 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 AA tanks model number SSA-\_\_\_\_\_ or approved equal.

24356 SHERWOOD • CENTER LINE, MI 48015 • (586) 427-7700 • (586) 427-7895 FAX • www.aatanks.com