



**SUBMITTAL**

**TYPE:** SSA ASME PRE-CHARGED EPOXY LINED SURGE ARRESTOR TANKS  
**MODELS:** SSA 1000E TO SSA 20000E

Submittal Sheet No. SSA-2021D

Date: 02/21

JOB _____	AA tanks Representative _____
Unit Tag No. _____	Order No _____ Date _____
Engineer _____	Submitted By _____ Date _____
Contractor _____	Approved By _____ Date _____

**DESCRIPTION**

AA tanks Type SSA Tanks are ASME replaceable bladder type pre-charged 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 vessels are fabricated between 125 PSI and 500 PSI rating with a large water system connection designed to accept potentially harmful water surge pressures quickly, with minimal pressure drop.

**CONSTRUCTION**

Shell: Carbon Steel  
(Available in 403 / 316 Stainless Steel)  
External Finish: Primer  
Internal Finish: Epoxy Lined (NSF 61)  
System Connection: Epoxy Coated Carbon Steel  
(Available in 304 / 316 Stainless Steel)  
Level Gauge: Available upon request  
Bladder: Heavy Duty Butyl  
(NSF Certified / FDA Approved Materials)

**PERFORMANCE LIMITATIONS**

Maximum Design Pressure: 125 To 500 PSIG  
Maximum Design Temperature: 240°

Model Number	Tank Volume (Gallons)	Tagging Information	Quantity
SSA 1000E	264		
SSA 1200E	317		
SSA 1400E	370		
SSA 1600E	422		
SSA 2000E	528		
SSA 2500E	660		
SSA 3000LE	792		
SSA 3000SE	792		
SSA 4000E	1056		
SSA 5000E	1320		
SSA 7500E	1980		
SSA 10000E	2640		
SSA 15000E	3963		
SSA 20000E	5284		

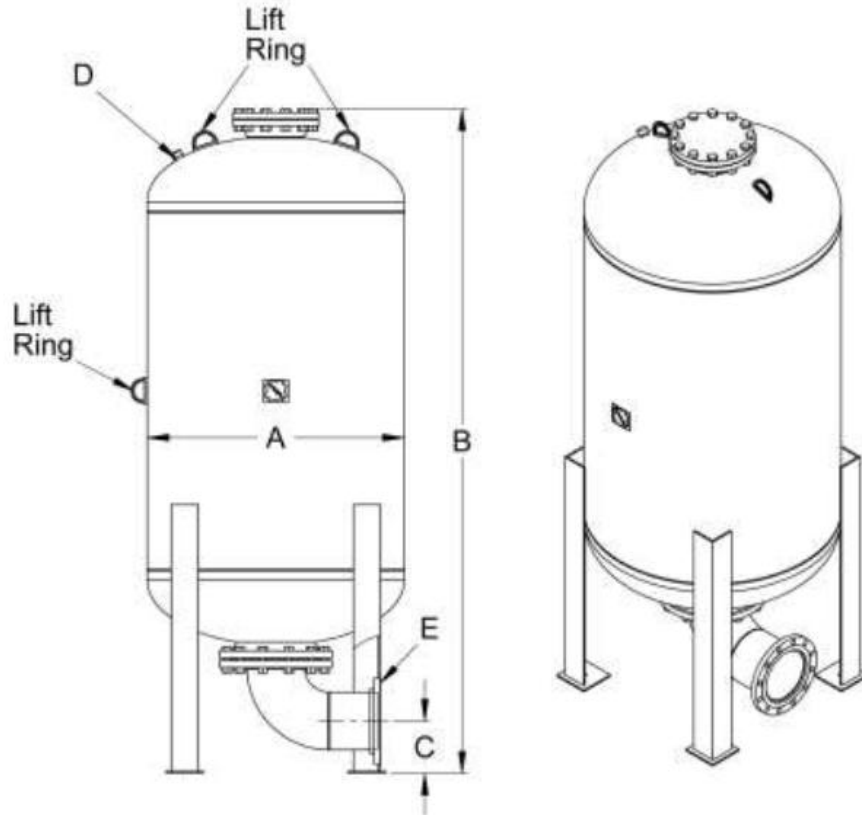
**TYPICAL SPECIFICATION**

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged surge arrestor tank with heavy-duty butyl bladder. The tank shall have NPT, flanged or grooved system connections 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 must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

Each tank shall be AA tanks model number SSA-\_\_\_\_\_ or approved equal.

25110 THOMAS DR • WARREN, MI 48091 • (586) 427-7700 • (586) 427-7895 FAX • www.aatanks.com





## DIMENSIONS & WEIGHTS

Model Number	Tank Volume Gallons	Dimensions in Inches					Approx. Shipping Weight (lbs)		
		Diameter	OAL	C	Charging Valve	System Connection			
		A	B		D	E			
SSA 1000E	264	36	96	10 ½	0.302" -32NC	10F	830		
SSA 1200E	317		107				1118		
SSA 1400E	370		119				1330		
SSA 1600E	422	48	92				1713		
SSA 2000E	528		105				2026		
SSA 2500E	660		122				2352		
SSA 3000LE	792	60	138				12	12F	2782
SSA 3000SE	792		108						2965
SSA 4000E	1056		133						3736
SSA 5000E	1320	72	152						12
SSA 7500E	1980		165	6583					
SSA 10000E	2640		196	8068					
SSA 15000E	3963	84	217	12	12F	12030			
SSA 20000E	5284		271			16262			

### NOTES:

- Tanks are factory pre-charged to 30 PSI and field adjustable.
- G-Grooved Pipe Connection / F-Flanged Connection (Available).
- Available with mounting clips.
- Davit Arm Available

25110 THOMAS DR • WARREN, MI 48091 • (586) 427-7700 • (586) 427-7895 FAX • www.aatanks.com