



**SUBMITTAL**

**TYPE:** ASME SURGE ARRESTORS

**MODELS:** SSA 424-40 TO SSA 848-500

Submittal Sheet No. B-3805

Date 9-06

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

**DESCRIPTION**

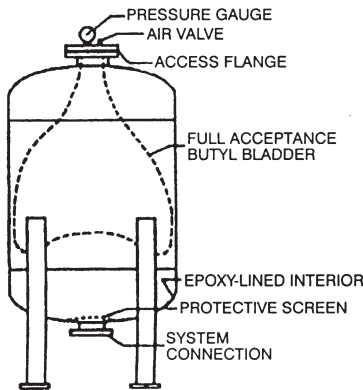
AA tanks Type SSA Tanks is an ASME replaceable bladder type pre-charged hydro-pneumatic tanks for commercial, industrial, municipal and well water systems, to effectively control water hammer shock, and pump start-up/shot-down water surge. The vessels is fabricated to 275 or 500 PSI rating with large water system connection designed to accept potentially harmful water surge pressures quickly, with minimal pressure drop.

**CONSTRUCTION**

Shell: Carbon Steel  
 Bladder: Heavy duty butyl  
 External Finish: Primer  
 Internal Finish: Epoxy Lined  
 System Connection: Epoxy Coated Carbon Steel

**PERFORMANCE LIMITATIONS**

Maximum Design Pressure: 275 & 500 PSI  
 Maximum Design Temperature: 240°F  
 Factory pre-charged: 10 PSI (Field Adjustable)



Model Number	Capacity (Gallon)	Diameter (Inch)	Height (Inch)	System (Inch)	WEIGHT	
					275 PSI	500 PSI
SSA-424-40	40	24"	41"	4"	390	661
SSA-424-100	100	24"	71"	4"	627	989
SSA-636-250	250	36"	85"	6"	1043	1939
SSA-848-500	500	48"	96"	8"	1691	4822

**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 interior shall be properly prepared sand blasted to white metal prior and shall be epoxy-lined with a two-part epoxy coating. The tank shall have a bottom flanged system connection, a 1/4" pressure gauge tapping, 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 rings 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.

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