



SUBMITTAL

TYPE: SSA ASME SURGE ARRESTOR TANKS

MODELS: SSA-424-40 THRU SSA-848-500

Submittal Sheet No. SSA-2021E

Date: 04/21

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

DESCRIPTION

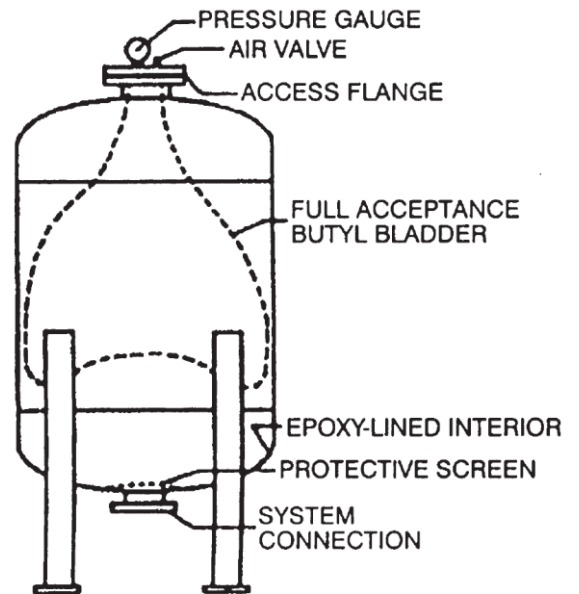
AA tanks Type SSA Tanks are ASME replaceable bladder type pre-charged hydro-pneumatic tanks for commercial, industrial, municipal and well water systems, to effectively control water hammer shock, and pump start-up/shut-down water surge. The vessels are fabricated to a 275 or 500 PSI rating with a large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

CONSTRUCTION

Shell: Carbon Steel
 External Finish: Primer
 Internal Finish: Epoxy Lined
 System Connection: Epoxy Coated Carbon Steel
 Bladder: Heavy Duty Butyl
 (NSF Certified / FDA Approved Materials)

PERFORMANCE LIMITATIONS

Maximum Design Pressure: 275 & 500 PSIG
 Maximum Design Temperature: 240°F



DIMENSIONS & WEIGHTS

Model Number	Tank Volume Gallons	Dimensions in Inches				Approx. Shipping Weight (lbs)	
		Diameter	OAH	System Connection	Charging Valve	275 PSI	500 PSI
SSA-424-40	40	24"	41"	4"	0.302" -32NC	390	661
SSA-424-100	100		71"			627	989
SSA-636-250	250	36"	85"	6"		1043	1939
SSA-848-500	500	48"	96"	8"	1691	4822	

NOTE: •Tanks are factory pre-charged to 10 PSI and field adjustable.

TYPICAL SPECIFICATIONS

Furnish and install on the plans a _____ gallon _____" diameter x _____" (high) pre-charged steel hydro-pneumatic tanks with _____" diameter system connection and replaceable heavy duty butyl rubber 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 0.302" -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 lugs and angle legs for vertical installation. The tank must be constructed in accordance with Section VIII of the ASME Coiler 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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