

AA tanks

SUBMITTAL

TYPE: SSA-E ASME EPOXY LINED SURGE
ARRESTOR TANKS
MODELS: SSA 35-E THRU SSA 20000-E

Submittal Sheet No. SSAE-201.2

Date: April, 2012

JOB Unit Tag No. _____ Engineer _____ Contractor _____	AAtanks Representative _____ Order No _____ Date _____ Submitted By _____ Date _____ Approved By _____ Date _____
--	--

DESCRIPTION

AAtanks 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

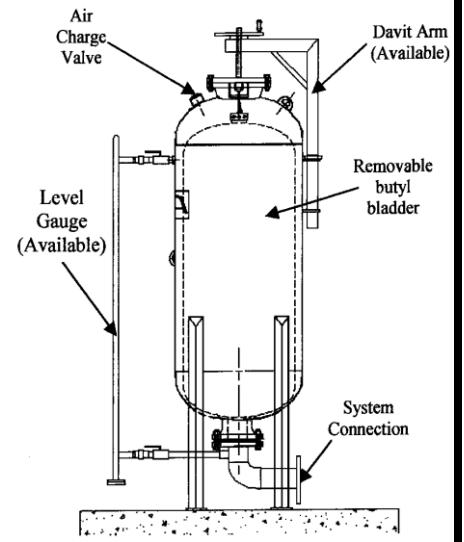
Shell: Carbon Steel
 External Finish: Primer
 Internal Finish: Epoxy Lined
 System Connection: Epoxy Coated Carbon Steel
 Support Stand: Angle Legs on Models SSA-85 and up
 Level Gauge: Available upon request
 Bladder: Heavy Duty Butyl
 (NSF Certified / FDA Approved Materials)

PERFORMANCE LIMITATIONS

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

DIMENSIONS & WEIGHTS

Model Number	Tank Volume		Dimensions in Inches			Approx. Shipping Weight (lbs)	Davit Arm (option)
	GAL	L	DIA	OAH	SYS CONN.		
SSA-35-E	10	38	12"	26"	2.5"	63	No
SSA-50-E	13	49	14"			74	No
SSA-85-E	23	87	16"	30 1/2"	3"	116	No
SSA-130-E	35	132	20"			135	No
SSA-200-E	53	200	24"	47"	4"	250	No
SSA-300-E	79	300		58 1/2"		360	No
SSA-400-E	106	400	30"	52 1/2"	6"	430	No
SSA-500-E	132	500		63"		525	No
SSA-600-E	158	600		71"		640	No
SSA-700-E	185	700		81 1/2"		749	No
SSA-800-E	211	800	32"	82"	10"	760	No
SSA-1000-E	264	1000	36"	96"		830	No
SSA-1200-E	317	1200		107"		1118	No
SSA-1400-E	370	1400	48"	119"		1330	No
SSA-1600-E	422	1600		92"	1713	No	
SSA-2000-E	528	2000		105"	2026	No	
SSA-2500-E	660	2500		122"	2352	No	
SSA-3000L-E	792	3000	60"	138"	2782	No	
SSA-4000-E	1056	4000		133"	3736	Yes	
SSA-5000-E	1320	5000	152"	4485	Yes		
SSA-7500-E	1980	7500	72"	165"	6583	Yes	
SSA-10000-E	2640	10000		196"	8068	Yes	
SSA-15000-E	3963	15000	84"	217"	14734	Yes	
SSA-20000-E	5284	20000		271"	16262	Yes	



SSA 4000 thru 20000 shown

NOTE:

• Tanks are factory pre-charged to 30 PSI and field adjustable.

• Air charging valve on all models: 0.302" -32NC

• SSA-35 and SSA-50 have NPT system connection.

TYPICAL SPECIFICATION

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged hydro-pneumatic expansion 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 have internal epoxy lining. 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 AAtanks model number SSA-_____-E or approved equal.