

AA tanks

SUBMITTAL

TYPE: ASME SHOCK ARRESTORS

MODELS: SSA 35 TO SSA 20000

Submittal Sheet No. B-3836

Date: 7-09

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

AAtanks Type SSA Tank is an ASME replaceable bladder type pre-charge hydro-pneumatic tanks for commercial and industrial, municipal, and well water systems, to effectively control water hammer shock, and pump start-up/shut-down water surge. The vessel is fabricated between 125 PSI to 500 PSI rating with a large water system connection designed to accept potentially harmful water surge pressures quickly, with minimal pressure drop.

DIMENSIONS

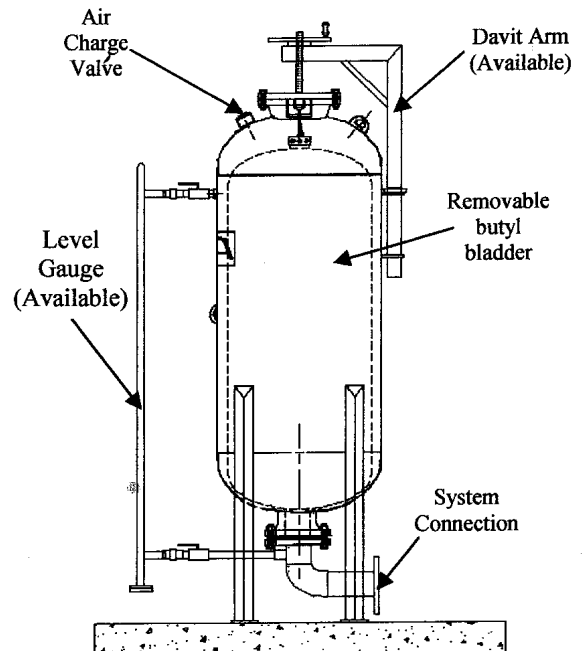
MODEL	LITER	GAL	DIA	HT	WT	SYS CONN.	Davit Arm (Option)
SSA 35	38	10	12	26	55	2.5	No
SSA 50	49	13	14	26	65	2.5	No
SSA 85	87	23	16	30 ½	134	3	No
SSA 130	132	35	20	30 ½	175	3	No
SSA 200	200	53	24	46 ½	270	4	No
SSA 300	300	79	24	58 ½	341	4	No
SSA 400	400	106	30	52 ½	454	4	No
SSA 500	500	132	30	63	515	6	No
SSA 600	600	158	30	71	771	6	No
SSA 700	700	185	30	81 ½	797	6	No
SSA 800	800	211	32	82	902	6	No
SSA 1000	1000	264	36	96	1147	10	No
SSA 1200	1200	317	36	107	1303	10	No
SSA 1400	1400	370	36	119	1447	10	No
SSA 1600	1600	422	48	92	1888	10	No
SSA 2000	2000	528	48	105	2105	10	No
SSA 2500	2500	660	48	122	2425	10	No
SSA 3000L	3000	794	48	138	3031	10	No
SSA 4000	4000	1058	60	130	3346	10	Yes
SSA 5000	5000	1323	60	152	4113	10	Yes
SSA 7500	7500	1984	72	158	5668	10	Yes
SSA 10000	10000	2646	72	196	6955	10	Yes
SSA 15000	15000	3963	84	217	14734	12	Yes
SSA 20000	20000	5284	84	271	16262	12	Yes

CONSTRUCTION

Shell: Carbon Steel
 Bladder: NSF listed Heavy Duty Butyl
 External Finish: Primer
 System Connection: Epoxy Coated Carbon Steel
 Support Stand: Angle Legs on Models SSA-200 and up.
 Level Gauge: Available upon request

PERFORMANCE LIMITATIONS

Maximum Design Temperature: 240°F
 Design Pressure: 125 PSI to 500 PSI
 Factory pre-charge: 12 PSI (Field Adjustable)



SSA 4000 thru 20000 shown

TYPICAL SPECIFICATION

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 system 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 an AAtanks model number SSA- _____ or approved equal.