



Submission Form
ZSSA SERIES
 SHOCK AND SURGE TANKS

Models: ZSSA-35 to ZSSA-2500

Date: 9/25

Job Name: _____ Location: _____ Engineer: _____ Contractor: _____ Sales Rep.: _____	Submitted By: _____ Approved By: _____ Order No.: _____ Notes: _____ _____ _____	Date: _____ Date: _____ Date: _____
-----------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------	-------------------------------------------

Description:
 Zilmet ZSSA Shock and Surge tanks are ASME replaceable bladder pre-charged hydro-pneumatic tanks for commercial, industrial, municipal, and well water systems that effectively control water hammer shock and pump start-up and shut-down water surge. These vessels are fabricated to 250psi with large water system connection designed to accept potentially harmful water surge pressure quickly with minimal pressure drop.

Construction:
 Shell and Heads: Carbon Steel
 System Connection: Carbon Steel
 Bladder: Heavy Duty Butyl

Design Parameters:
 Maximum Design Pressure: 250 PSIG*
 Temperature Range: -20°F to 240°F

*Higher pressures also available

MODEL NUMBER	PART NUMBER	TANK VOLUME (GAL)	TAGGING INFORMATION	QUANTITY
ZSSA-35	26050035	10		
ZSSA-50	26050050	13		
ZSSA-85	26050085	23		
ZSSA-130	26050130	35		
ZSSA-200	26050200	53		
ZSSA-300	26050300	79		
ZSSA-400	26050400	106		
ZSSA-500	26050500	132		
ZSSA-600	26050600	158		
ZSSA-700	26050700	185		
ZSSA-800L	26050800	211		
ZSSA-1000	20651000	264		
ZSSA-1200	26051200	317		
ZSSA-1400	26051400	370		
ZSSA-1600	26051600	422		
ZSSA-2000	26052000	528		
ZSSA-2500	26052500	660		

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 be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

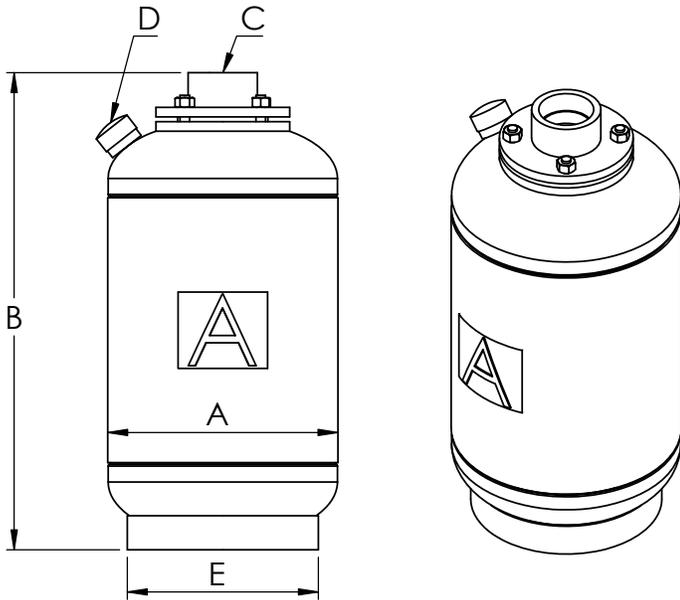
Each tank shall be Zilmet model number ZSSA-_____ or approved equal.



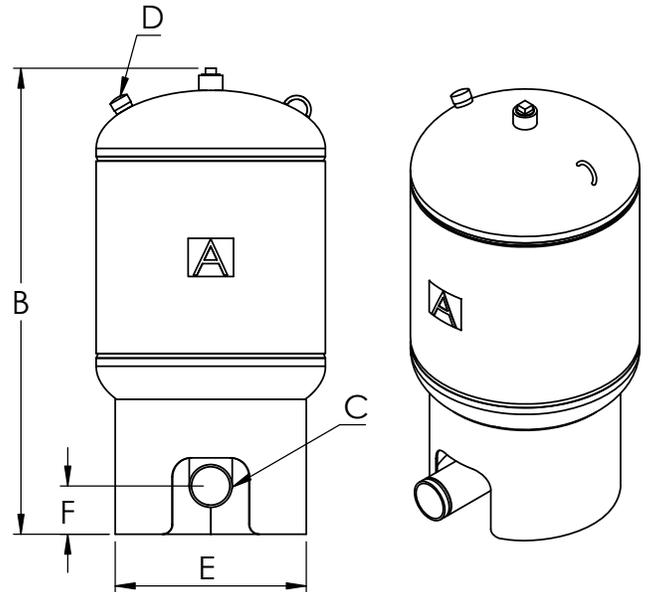
Submission Form
ZSSA SERIES
 SHOCK AND SURGE TANKS

Models: ZSSA-35 TO ZSSA-2500

Date: 9/25



ZSSA-35 thru ZSSA-130



ZSSA-200 thru ZSSA-800L

Dimensions & Weights:

Model Number	DIMENSIONS IN INCHES						Approx. Shipping Weight (lbs)	
	A	B	C	D	E	F		
ZSSA-35	12	25	2 1/2 NPT	0.302" - 32NC	10	-	63	
ZSSA-50	14	26			74			
ZSSA-85	16	30 1/2	3 NPT		12		116	
ZSSA-130	20				16	135		
ZSSA-200	24	47	4 G		20	5	250	
ZSSA-300	30	58 1/2			6 G	24	3 5/8	360
ZSSA-400		52 1/2	5 1/4				430	
ZSSA-500		63	6			24	525	
ZSSA-600		71					640	
ZSSA-700		81 1/2					6 1/2	749
ZSSA-800L		32	84	6		26	6	760

Notes:

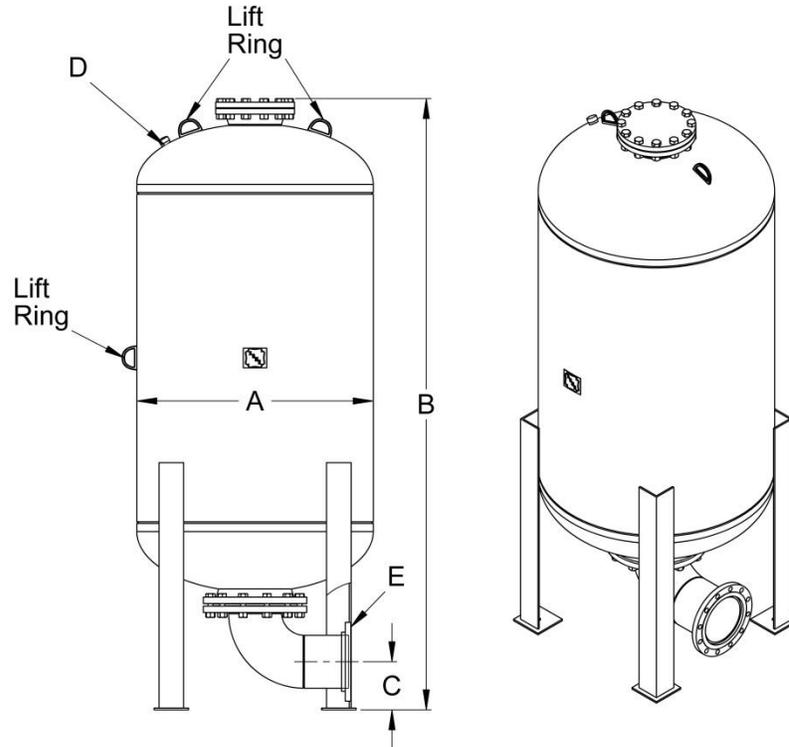
- Tanks are factory pre-charged at 30 psi and field adjustable.
- Available with mounting clips.
- ZSSA-35 through ZSSA-130 have NPT system connection.
- ZSSA-85 through ZSSA-800L have G-Grooved Pipe Connection / F-Flanged Connection available; specify with order



Submittal Form
ZSSA SERIES
 SHOCK AND SURGE TANKS

Models: ZSSA-35 TO ZSSA-2500

Date: 9/25



ZSSA 1000 thru ZSSA 2500

Dimensions & Weights

Model Number	Dimensions in Inches					Approx. Ship Wt. (lbs)
	A	B	C	Charging Valve	System Connection	
				D	E	
ZSSA-1000	36	96	10 1/2	0.302" -32NC	10 F	830
ZSSA-1200		107				1118
ZSSA-1400		119				1330
ZSSA-1600	48	92				1713
ZSSA-2000		105				2026
ZSSA-2500		122				2352

Notes

- Tanks are factory pre-charged at 30 psi and field adjustable.
- Available with mounting clips.
- F-Flanged Connection standard / G-Grooved Pipe Connection (Available)