TYPE: SSA ASME PRE-CHARGED SURGE ARRESTOR TANKS
MODELS: SSA 35 TO SSA 800L

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
(Available in 304 / 316 Stainless Steel)
External Finish: Primer
(Can accommodate specified coatings)
System Connection: Epoxy Coated Carbon Steel
(Available in 304 / 316 Stainless Steel)
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°

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Tank Volume (Gallons)</th>
<th>Tagging Information</th>
<th>Quantity</th>
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TYPICAL SPECIFICATION
Furnish and install, as shown on plans, a ______________ gallon ___________ " diameter X ___________ " (high) pre-charged surge arrestor 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 AAtanks model number SSA-_______________ or approved equal.
### SSA-35 & SSA 50

- **Model:** SSA 35, SSA 50
- **Tank Volume:** 10 gallons, 13 gallons
- **Dimensions (inches):**
  - Diameter: 12
  - OAL: 39
  - System Connection: 2 ½"
  - Charging Valve: 0.302" -32NC
  - Weight (lbs): 63

### SSA 85 to SSA 800L

- **Model:** SSA 85, SSA 130, SSA 200, SSA 300, SSA 400, SSA 500, SSA 600, SSA 700, SSA 800L
- **Tank Volume:** 23 gallons, 35 gallons, 53 gallons, 79 gallons, 106 gallons, 132 gallons, 158 gallons, 185 gallons, 211 gallons
- **Dimensions (inches):**
  - Diameter: 14, 20, 24, 26, 30, 65 ½, 73 ½
  - OAL: 46, 52, 64, 58, 65 ½, 73 ½
  - System Connection: 3, 4, 6
  - Charging Valve: 0.302" -32NC
  - Weight (lbs): 74, 116, 135, 250, 360, 430, 525, 640, 749, 760

### NOTES:
- Tanks are factory precharged to 30 PSI and field adjustable.
- G-Grooved Pipe / F-Flanged / NPT system connection available.
- Available with base ring.
- "E" Dimension adjusted to spec.
- All SSA tanks are built to order.