

NEW PRODUCT

BLACOH[™]
INDUSTRIES



Product shown with optional support legs.

SurgeShield[™] Pulsation Dampener

ASME Certified Pulsation Dampener & Surge Vessel

Standard 15, 25, and 37 gallon dampener series are designed to act as shock absorbers for your peristaltic pumps while also serving as small bladder-style surge vessels. Prevent pipe and pump damage as well as costly repairs with these durable buffers against the damaging effects of water hammer and pulsation from any large Positive Displacement Pumps.

FEATURES

- Bladder-style hydropneumatic vessels
- Chargeable air control: no need for constant pressurized air source
- Anti-extrusion button replaces inlet screen to prevent bladder protrusion without clogs or flow restriction
- Lifting lugs for simpler maneuvering
- Slim, space-conscious design available
- 1/2" NPT connections on inlet flange for draining and PSV/instrumentation

SPECIFICATIONS

- **Housing materials:** Stainless steel, Carbon steel
- **Bladder materials:** PVC, Urethane
- **Finish:** Stainless steel uncoated; Carbon steel painted blue
- **Corrosion allowance:** 0.125" on carbon
- **Capacity:** 15, 25, 37 gallon (57, 95, 140 L)
- **Inlet:** 4", 5", 6" ANSI Flange
- **Max Pressure Rating:** 250 PSIG
- **Options:** Support legs, weld pads, flange bolt braces, laser etching
- **Certifications:** ATEX, ASME UM-stamp to Division VIII, Section I standards



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