



Model SVB

SPECIFICATIONS

GENERAL SPECIFICATIONS

The spill-resistant pressure vacuum breaker (SVB) shall be designed to prevent contamination of potable water due to backsiphonage and ideally suited for indoor applications supplied with continuous pressure. The device shall contain an independently operating internally loaded check valve and independently operating loaded air inlet valve located on the discharge side of the check valve. The assembly is to be equipped with a properly located resilient seated test cock, a properly located bleed/vent valve, and tightly closing resilient seated shutoff valves attached at each end of the assembly. A canopy shall protect the atmospheric vent from debris. All wetted areas of the device shall be non-toxic, corrosion resistant, and approved for use with potable water.

CONBRACO SPECIFICATIONS

The Conbraco Model SVB shall utilize a replaceable check valve cartridge and a removable bonnet sub-assembly. The device shall have an in-line flow path. The device shall contain integral resilient seated shutoff valves at both ends of the device and an impact resistant canopy to shield the atmospheric vent from debris. All components shall be made of corrosion resistant materials. During normal flow conditions, the air inlet shall seal within the bonnet and, the check valve shall remain open. As the line pressure falls to 1 psig, a spring loaded air vent shall open, breaking the vacuum and thereby preventing back-siphonage.

The Conbraco Model SVB shall be **IAPMO listed**, certified to **ASSE 1056, CSA B64.1.2, USC's FCCC + HR** and approved for use with potable water.

The SBV shall be suitable for **supply pressures to 150 psig and water temperatures from 33° to 180° F**.

The manufacturing facility shall be **ISO 9001 REGISTERED**.

The valve shall be manufactured by **CONBRACO INDUSTRIES, INC.**, Matthews, North Carolina

Spill-Resistant Pressure Vacuum Breaker

Sizes 1/4", 3/8" & 1/2"



FEATURES

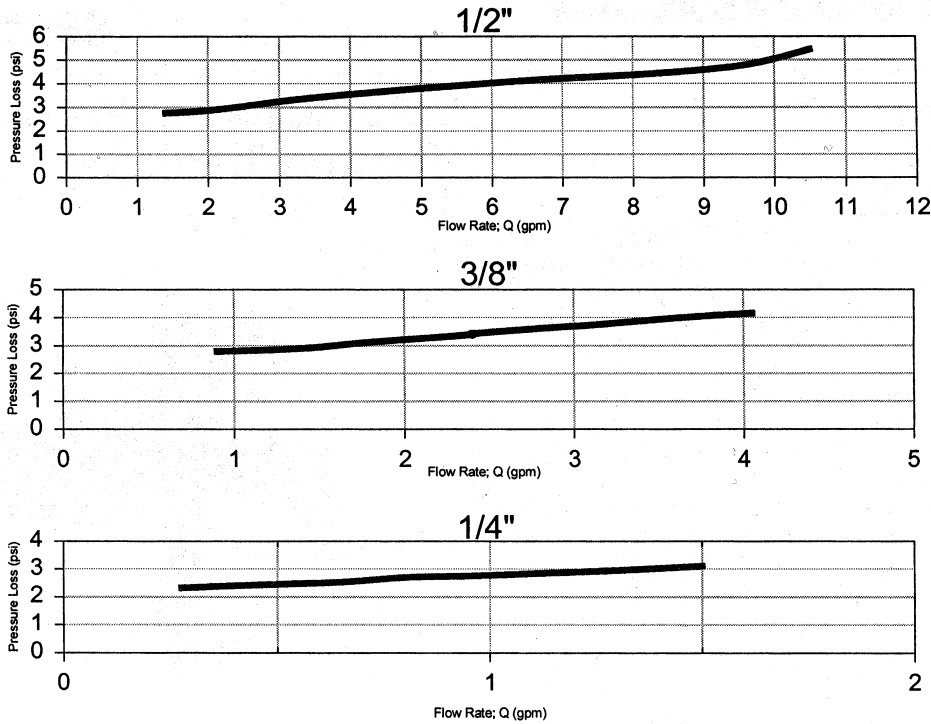
- Corrosion resistant
- In-line flow
- Integral shut-off valves
- Designed for easy maintenance
- Low head loss
- Economical
- Maximum working pressure 150 PSIG
- Operating temperature range 33° - 180°F

APPROVALS

The Conbraco Model SVB is IAPMO listed and approved under ASSE 1056, CSA B64.1.2, and USC's FCCC & HR.

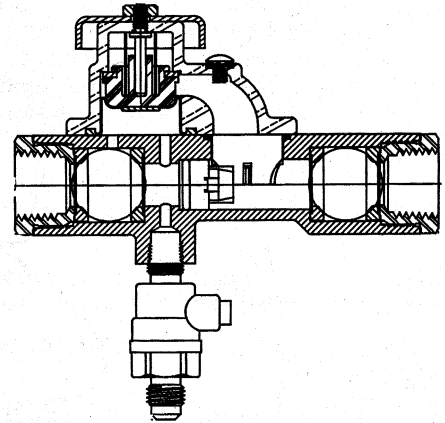


FLOW CURVES



DIMENSIONS (in.) - WEIGHTS (lbs.)

Body Size	1/4"	3/8"	1/2"
Test Cock	1/4" Flare	1/4" Flare	1/4" Flare
Net Wt.	1.16	1.16	1.16
Shipping Wt.	1.26	1.26	1.26



MATERIALS

- | | |
|-----------------|-------------------|
| 1. Body | - Noryl® |
| 2. Springs | - Stainless steel |
| 3. Seat Discs | - Silicone rubber |
| 4. Valve Canopy | - ABS plastic |
| 5. Float | - Acetal |
| 6. Fasteners | - Stainless steel |

ORDERING NUMBER

- 1/4" - 4W-501-02
- 3/8" - 4W-502-02
- 1/2" - 4W-503-02

BACKFLOW PRODUCTS DIVISION

CONBRACO INDUSTRIES, INC. P.O. BOX 247 MATTHEWS, N.C. 28106 (704) 841-6000 FAX (704) 841-6020-USA-