

SERIES 4W-500 Spill Resistant Vacuum Breaker 1/4" to 1/2"

FEATURES

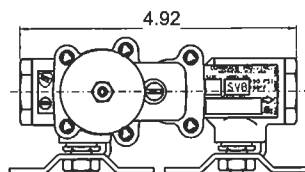
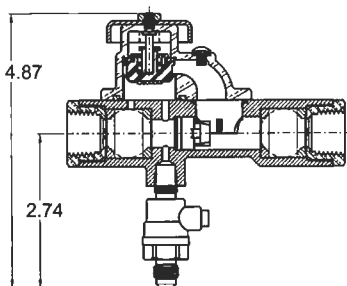
- Corrosion Resistant
- In-Line Flow
- Integral Shut-Off Valves
- Designed For Easy Maintenance
- Low Head Loss
- Economical
- Maximum Working Pressure 150 PSI
- Operating Temperature Range 33°F-180°F

DESCRIPTION

The Conbraco Series 4W-500 Spill Resistant Vacuum Breaker (SVB) is designed to prevent contamination of the potable water supply due to back-siphonage. The SVB is ideally suited for continuous pressure, indoor applications where water spillage is undesirable. The device has a straight through flow path for minimal head loss. All components are easily accessible for easy repair and maintenance. All components are made of corrosion resistant materials for years of reliable service.

MATERIALS

Body	Noryl
Springs	Stainless Steel
Fasteners	Stainless Steel
Seat discs	Silicone Rubber
Valve canopy	ABS Plastic
Float	Acetal



OPERATION

During normal flow conditions, the check valve remains open and the atmospheric vent seals in the bonnet assembly. As the line pressure falls to 1 psi, the spring loaded atmospheric vent opens and the check valve closes, breaking the vacuum and thereby preventing back-siphonage. Water is not allowed to spill at any time during operation. The SVB should not be subjected to backpressure.

MODELS

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

APPROVALS

ASSE 1056, CSA B64.1.2, IAPMO, and USC's FCCC&HR.

FLOW CURVES

