

BACKFLOW PREVENTION CATALOG



Spill Resistant Vacuum Breaker Backflow Preventers

SVB 4W SERIES

SPILL RESISTANT VACUUM BREAKERS

The Apollo Series SVB 4W Spill Resistant Vacuum Breaker 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. Should be installed 12" above all downstream piping.

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.

FEATURES

- Corrosion Resistant
- In-Line Flow
- Integral Shut-Off Valves w/Stainless Steel Handles and Nuts
- Threaded testcock protectors
- Designed For Easy Maintenance
- **Lead-Free** option
- Economical
- Low Head Loss
- Maximum Working Pressure 150 PSIG
- Operating Temperature Range 33°F-180°F
- ASSE 1056
- CSA B64.1.2
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- 5 year, domestic warranty

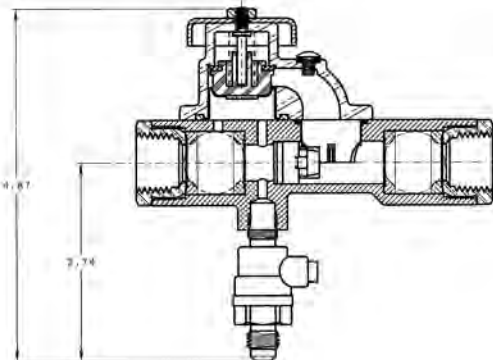
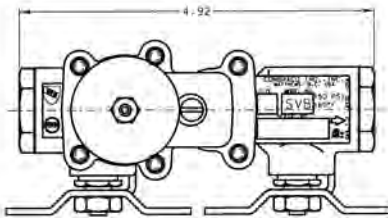
MATERIALS

Part	Material
Body	PPO, Bronze (C84400 - LF C89836)
Springs	Stainless Steel
Seat Discs	Silicone Rubber
Valve Canopy	ABS Plastic
Float	Acetal
Fasteners	Stainless Steel
Ball Valve Handles	Stainless Steel

Contact local water authorities for installation/service requirements.



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



FACTORY CODE

4W [X]	50 X	0 2
	SIZE	SHUTOFFS
4W = Standard	1 = 1/4"	SS = Tee Handles
4WLF = Lead Free (3/8" and 1/2" only)	2 = 3/8"	
	3 = 1/2"	

DIMENSIONS

See Page 67 For Flow Curves

Model No.	SVB4W14	SVB4W14	SVB4W38	SVB4W38	SVB4W12	SVB4W12
Factory No.	4W-501-02	4W-501-02	4W-502-02	4W-502-02	4W-503-02	4W-503-02
Size	1/4"	6 mm.	3/8"	10 mm.	1/2"	15 mm.
Test Cock	1/4" Flare	1/4" Flare	1/4" Flare	1/4" Flare	1/4" Flare	1/4" Flare
WEIGHTS	lbs.	kg.	lbs.	kg.	lbs.	kg.
Net Wt. (Lbs.)	1.16	0.5	1.16	0.5	1.16	0.5
Shipping Wt.	1.26	0.6	1.26	0.6	1.26	0.6



For additional information, submittal sheets and manuals, visit www.apollovalves.com

Customer Service (704) 841-6000