

SPECIFICATION SHEET
MODEL A100
ATMOSPHERIC VACUUM BREAKER



Model A100

- ☒ **Brass Body**
- ☒ **Lightweight Disc Assembly**
- ☒ **Full Size Orifice**

Sizes: 3/4" thru 2"

Model A100 ATMOSPHERIC VACUUM BREAKERS are designed to prevent backsiphonage of contaminated water into a potable water supply.

The Model A100 has a durable "disc float" which closes the atmospheric vent to prevent spilling at all flow rates. They are ideally recommended for low flow installations such as laboratory equipment which use a small amount of water. They also contain a silicone disc which has high heat (up to 180° F) and water hammer shock resistance. The disc assures tight seating with the lightest of seating contact.

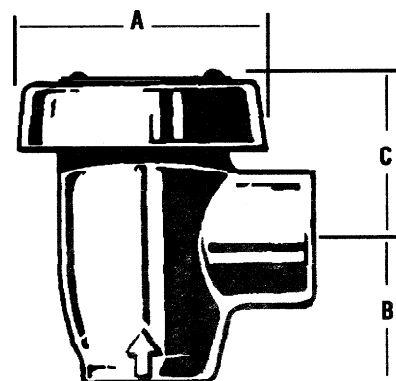
Specifications:

For Anti-Siphon Vacuum Breakers

An atmospheric type anti-siphon vacuum breaker shall be installed where indicated on the plans to prevent the backsiphonage of contaminated water. Device shall include lightweight disc float with silicone disc for tight seating. This device is not to be used under continuous pressure or where there is a possibility that a backpressure condition may develop.

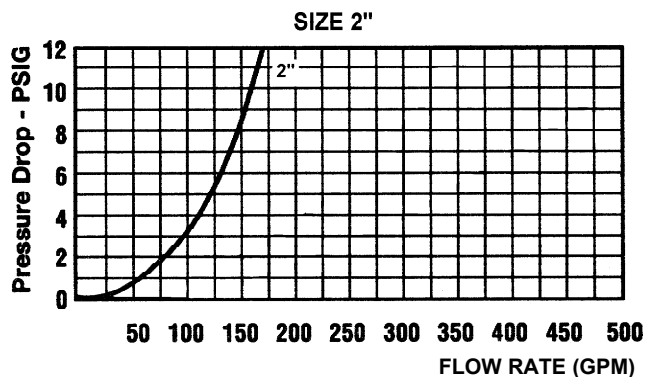
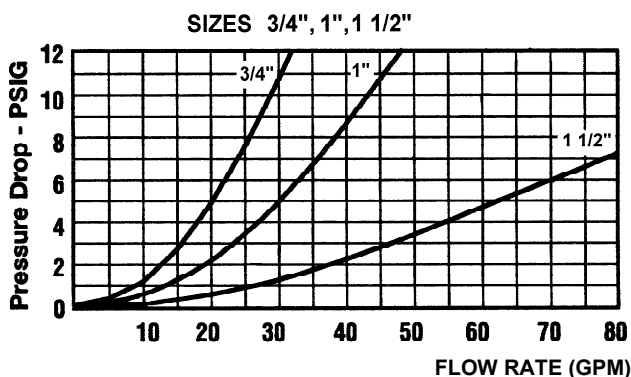
The device shall meet the requirements of ASSE Standard 1001, ANSI A112.1.1 and CSA B64. **Ames Company Model A100**

Dimensions:



Size (In.)	Dimensions (In.)			Weight (lbs.)
	A	B	C	
3/4	2 1/4	1 1/2	1 7/8	1 1/8
1	2 7/8	1 11/16	2 1/8	1 3/4
1 1/2	3 5/8	2 3/16	2 7/16	3 5/8
2	4 1/8	2 1/2	2 7/8	5 1/4

Flow Characteristics:



Installation:

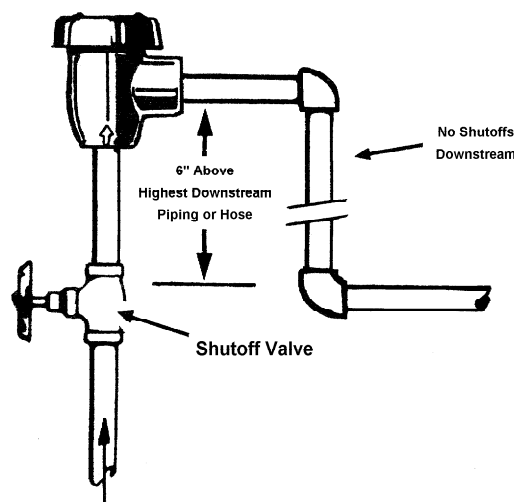
1. Install six (6) inches above the highest point of downstream piping or hose.
2. Use only with non continuous pressure (pressurized a maximum of 12 out of 24 hours.)
3. No downstream shutoffs are allowed.
4. Device can spill water, install where spillage is not objectionable.

Materials:

Body: Brass
Disc: Durable Silicone
Temperature: Max. 180° F at 125 lbs. working pressure.

Approvals:

Contact the Factory for Specific Approvals.



IMPORTANT: Inquire with governing authorities for local installation requirements.

CALIFORNIA PROPOSITION 65 WARNING

This product contains lead, a chemical known to the State of California to cause birth defects or other reproductive harm.

(Plumber: California law requires that this warning be given to the consumer.)

CONSUMER INFORMATION ABOUT CALIFORNIA PROPOSITION 65 WARNING

All faucets and products made of leaded brass alloys, even those that comply with U.S. Environmental Protection Agency regulations, contribute small amounts of lead to water that is allowed to stand in contact with the brass. This product complies with all E.P.A. regulations regarding the amount of lead used in plumbing brass and solder. The amount of lead contributed by any faucet/product is highest when the faucet/product is new.

The following steps will reduce potential exposure to lead from faucets and other parts of the plumbing system:

Always run the water for a few seconds prior to use for drinking or cooking.

Use only cold water for drinking or cooking.

If you wish to flush the entire plumbing system of water that has been standing in the pipes or other fittings, run the cold water until the temperature of the water drops, indicating water coming from the outside main.

If you are concerned about lead in your water, have your water tested by an EPA-certified laboratory in your area.

Since atmospheric type vacuum breakers are subject to normal maintenance and replacement, they should be located where emergency water spillage will create no problem and where they can be accessible for inspection or servicing.

Important Note:

This device shall not be subjected to continuous pressure for more than twelve (12) hours per ASSE Std. 1001. For continuous pressure application, specify Ames Model A200 Pressure Vacuum Breakers. Vacuum breakers are not designed, tested or approved to protect against backpressure backflow, install Ames Model 4000B reduced pressure principle backflow preventers.