

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 288A-DM

(Deck/Equipment Mounted)

Hot or Cold Water Anti-Siphon

Vacuum Breakers

Sizes: 1/2" - 1"

Series 288A-DM represents a complete line of vacuum breakers designed to prevent backsiphonage of contaminated water into a potable water supply.

They feature a lightweight, durable "disc float" suitable for temperatures up to 180°F (82°C) which closes the atmospheric vent to prevent spilling under all rates of flow. Therefore, they are ideally recommended for low flow installations such as laboratory equipment which use such a small amount of water. They also contain a durable silicone disc which has high heat and water hammer shock resistance and assures tight seating with the lightest of seating contact.

Full Size Orifice - Series 288A-DM has a full-size orifice to assure pipe size capacity. Water passages are streamlined to provide high water flow with minimal pressure loss.

Features

- Brass Body
- Full size orifice for maximum flow
- Lightweight disc assembly prevents spilling under all rates of flow

Models

288A-DM	with brass body
288AC-DM	with brass body and polished chrome finish
288ASC-DM	with brass body and satin chrome finish (1/2" and 3/4")

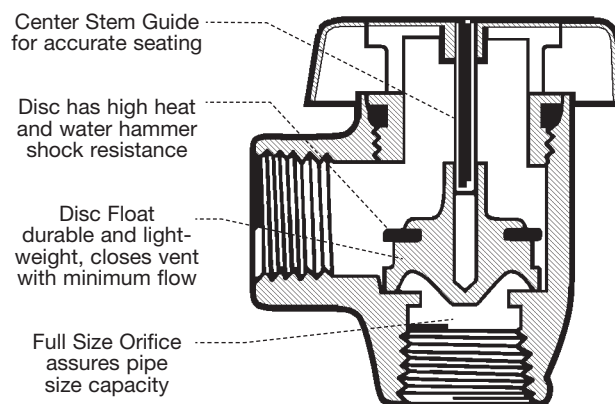
Specifications

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. The device may be installed 1" or higher above the highest point of downstream piping. 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. Watts Series 288A-DM.



1/2" (15mm) 288A-DM



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 Watts Series 800 pressure type vacuum breakers. Vacuum breakers are not designed, tested or approved to protect against backpressure backflow. For protection against backpressure backflow, install Watts Series 909 or Series 009 reduced pressure principle backflow preventers.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Materials

Body: Brass
Disc: Silicone

Pressure — Temperature

Maximum Temperature: 180°F (82°C)
Maximum Working Pressure: 125psi (8.6 bar)

Installations

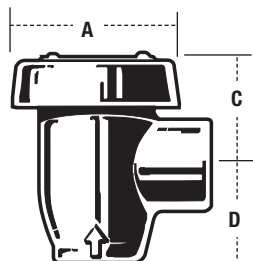
Atmospheric VB must be installed 1" (25mm) above the highest point on the downstream piping of known flood rims of decks and equipment. There can be no shutoff valves downstream of an AVB.

Approvals

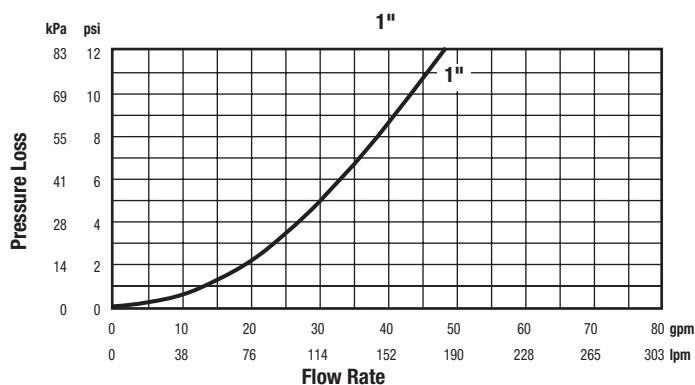
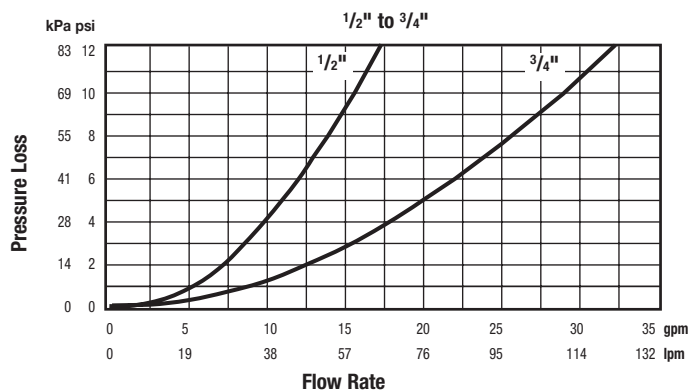


Certified thru 1" CSA

Dimensions — Weights



Capacities



SIZE		DIMENSIONS						WEIGHT	
		A		B		C		D	
in.		in.	mm	in.	mm	in.	mm	in.	mm
1/2		2	50	2 3/4	70	1 1/2	38	1 1/4	32
3/4		2 1/4	57	3	76	1 1/2	38	1 1/2	38
1		2 5/8	73	3 5/8	92	1 7/8	48	1 3/4	44
								oz.	gm.
								8	227
								18	510
								28	794



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