For Health Hazard Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Series 289

Spill Resistant Atmospheric Vacuum Breakers

Sizes: ⅜"– 1"(10 – 25mm)

Series 289 is designed for indoor point of use applications to prevent backsiphonage of contaminated water back into the potable water supply. Separation of the water supply from the air inlet is accomplished by means of a diaphragm seal. This feature protects against any spillage during start-up operation.

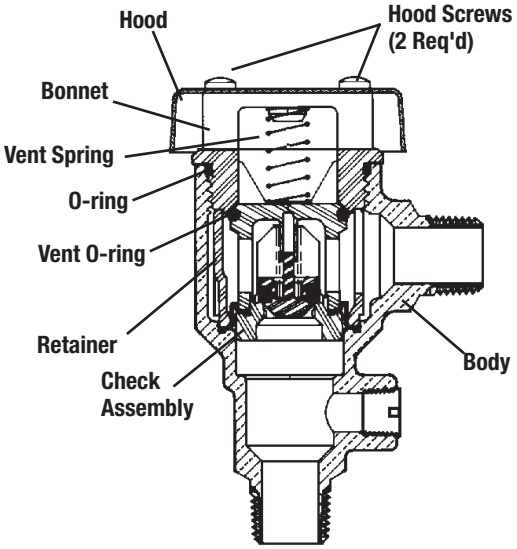
Series 289

ASSE 1001

⅜" and ½" sizes only

Features

- Spring loaded vent
- Spill-resistant diaphragm design for indoor use
- Affordable design
- Modular cartridge for ease of service
- Vent uses an O-ring for reliable operation
- Bronze body for durability
- Compact space saving design
- Meets ASSE 1001 (⅜" and ½" only)
- Optional satin chrome finish



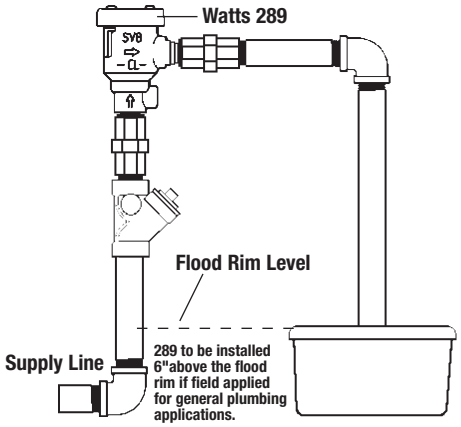
Installation

The 289 is designed to be installed at the point of use. When factory installed deck/machine mounted on machines or equipment, the critical level of the 289 shall be 1" (25mm) above the flood rim. If field applied for general plumbing applications, the critical level of the 289 shall be 6" (152mm) above the flood rim.

Specifications

A spill-resistant atmospheric vacuum breaker shall be installed, in accordance with the manufacturer's instructions, as noted on the plans. The valve shall consist of a one piece modular check and float assembly made of engineered thermoplastic and housed in a bronze body. Springs shall be stainless steel. The valve shall be constructed with a molded diaphragm separating the air inlet from the potable water supply to prevent spillage. The valve shall be a Watts Series 289.

Typical Installation



WATTS®

Materials

Springs: Stainless Steel
Bonnet: PPO
Vent Disc: EPDM
Disc Holder: PPO
Check Disc: Silicone Rubber
Body: Bronze
Diaphragm: EPDM

Pressure - Temperature

Temperature Range: 33°F - 180°F (0.5°C - 82°C)
Maximum Pressure: 150psi (10.3 bar)

Standards

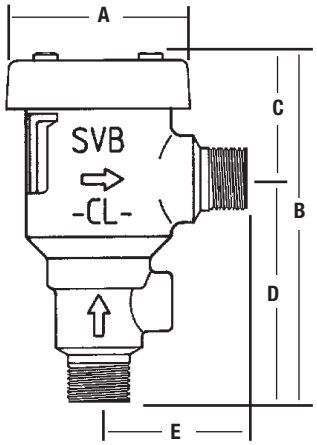
ASSE 1001
(⅜" and ½" only).

Important: *Inquire with governing authorities for local installation requirements.*

End Connections

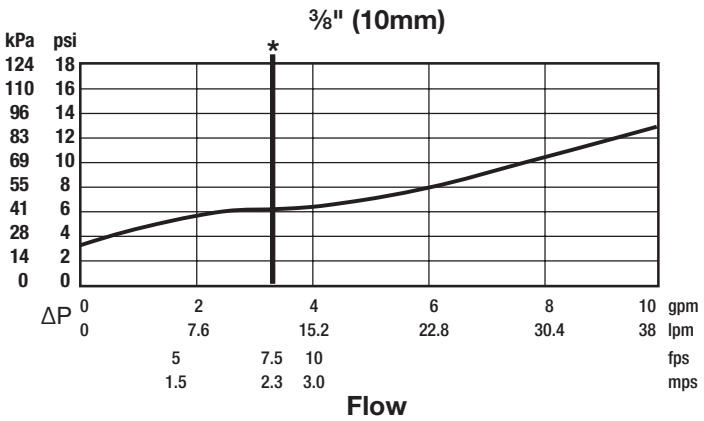
Standard male NPT
Optional hose and custom connections available

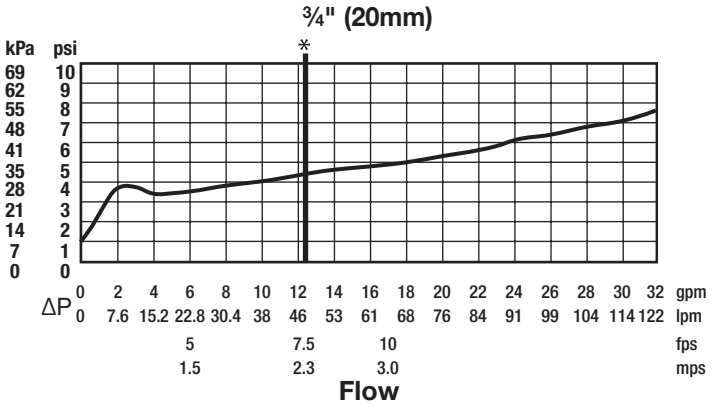
Dimensions - Weight

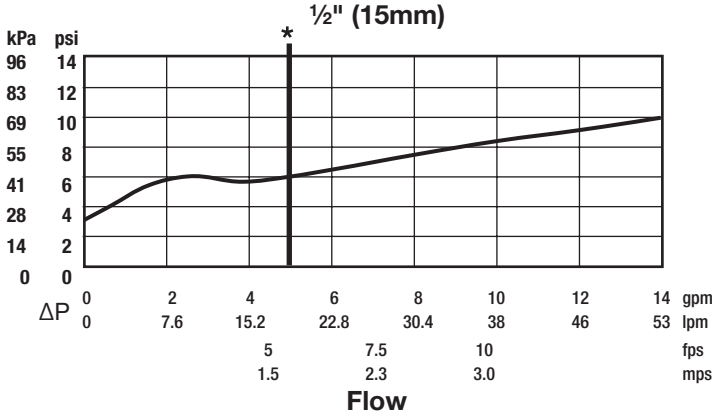


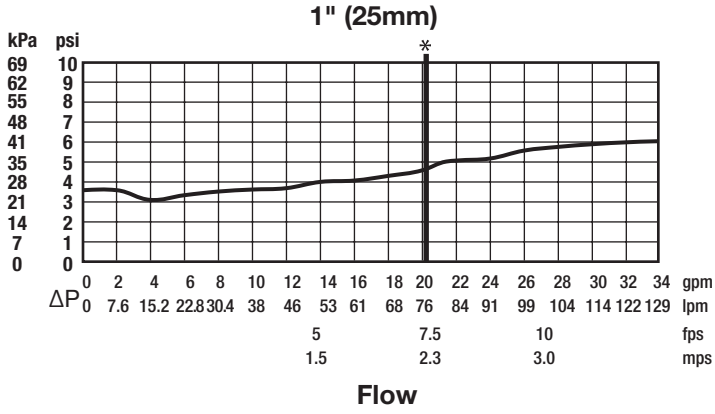
SIZE (DN)		DIMENSIONS										WEIGHT	
		A		B		C		D		E			
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kg.*
⅜	10	2	50	3¾	95	1⅜	35	2⅜	60	1½	38	.9	.4
½	15	2	50	3¾	95	1⅜	35	2⅜	60	1½	38	1	.4
¾	20	3¾	95	5	127	2½	64	2½	64	2⅜	60	3	1.4
1	25	3¾	95	5	127	2½	64	2½	64	2⅜	60	4	1.8

Capacity









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