

Backflow Preventers and Vacuum Breaker

Model No. S27-303, S45-2309 & S45-2310

- Exclusively Watts Regulator Products
- Sold in Kits for use with Drench Hoses
- Individually third party Certified Components

S27-303

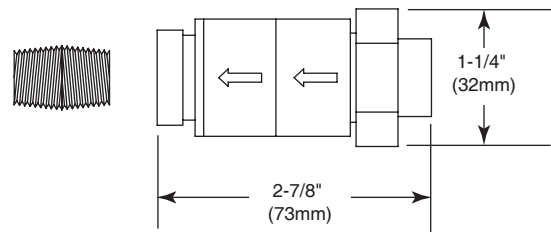
Series 7 Dual Check Backflow Preventer valves are intended for use in non-health hazard residential water system containment and continuous pressure applications. In particular, this product is intended to be used where there is a drinking water supply service entrance or individual outlets.

Specifications

Dual check valve can be installed vertically or horizontally. The check valve is a 7, brass dual check for in-line continuous pressure applications. The check valve is third party certified to CSA Standard N. B64.6 and ANSI/ASSE 1024. The inlet and outlet sizes are 3/8" female NPT.

Construction

Backflow preventer features a brass body that is chrome plated. The check modules are durable plastic, while the disks are made of silicone. The springs are constructed of stainless steel and the seals are Buna-N.



S27-303

S45-2309

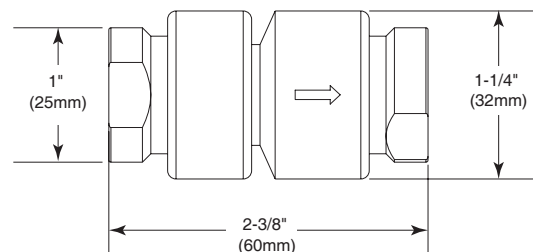
Series 9 Dual Check Vacuum Breakers inhibit the flow of contaminated water into the potable water supply.

Specifications

Dual Check Vacuum Breaker preventer with atmospheric vent, for continuous pressure applications. The check valve comes with 3/8" female dual NPT female inlet and outlet connections. It can sustain a maximum pressure of 125 PSI (8.6 bars). The check valve is certified to CSA B64.8.

Construction

The Dual Check Vacuum Breaker consists of a chrome-nickel plated brass body.



S45-2309

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Backflow Preventers and Vacuum Breaker

Model No. S27-303, S45-2309 & S45-2310

S45-2310

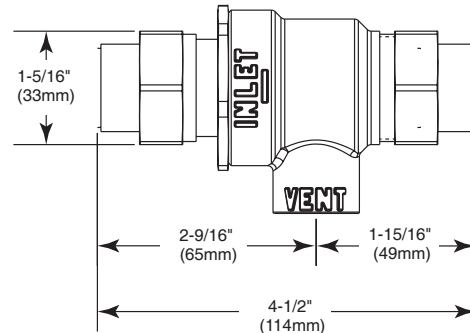
Series 9D Backflow Preventer with intermediate Atmospheric Vent. The 9D Series can be used under continuous pressure. The primary check valve uses a rubber disc seating adjacent to a mating rubber part to ensure tight closing. A second check valve employs a rubber disc-to-metal seating. If fouling of the down stream check valve would occur, leakage would be vented to the atmosphere through the vent port to safeguard the potable water system.

Specifications

The backflow preventer can be installed vertically, or horizontally. It is furnished with union connections to facilitate removal and replacement for maintenance. The internal part is stainless steel. The line size construction permits the check modules to open further allowing debris to move easily reducing check fouling. The minimum working pressure required is 25 psi (172 kPa) and the maximum working pressure is 175 psi (12.06 bars) The check valve is third party certified by ASSE 1012 and CSA B4. The inlet and outlet sizes are 1/2" NPT.

Construction

The body of the backflow preventer is made of brass, while the internal parts are stainless steel. The check valve assemblies are durable and include tight sealing rubber. The backflow preventer with intermediate atmospheric vent is threaded for 1/2" female NPT to allow backflow to be directed to a drain.



S45-2310

MODEL

Model No.	Description
☐ S27-303	Dual Check Valve, Watts Series 7
☐ S45-2309	Dual Check Vacuum Breaker, Watts Series 9
☐ S45-2310	Dual Check Vacuum Breaker with Intermediate Atmospheric Vent, Watts Series 9D

- * All listed backflow preventers are compatible with all Bradley drench hose kits.
- ** Customer should consult the appropriate authority having jurisdiction for proper application.

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This information is subject to change without formal notice.
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