



A WATTS Brand

S27-303, S45-2309 & S45-2310 Vacuum Breaker and Backflow Preventers

- Exclusive Watts Regulator Products
- Sold in Kits for Use with Drench Hoses
- Individually Third-Party Certified Components

S27-303 Series 7 Dual-Check Backflow Preventer

Specifications

Watts Series 7 dual-check vacuum breaker is intended for use in non-health hazard residential water system containment and in-line continuous pressure applications (in particular, where there is a drinking water supply service entrance or individual outlets).

The Series 7 dual-check valve features a brass body. 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. The check valve is third-party certified to CSA Standard N. B64.6 and ANSI/ASSE 1024. The inlet and outlet sizes are $\frac{3}{8}$ " female NPT. Dual check valves can be installed vertically or horizontally.

S45-2309 Series 9 Dual-Check Vacuum Breaker with Atmospheric Vent

Specifications

Watts Series 9 dual-check backflow preventer with atmospheric vent inhibits the flow of contaminated water into the potable water supply.

The Series 9 dual-check backflow preventer has a chrome-nickel plated brass body and includes atmospheric vent for continuous pressure applications. The check valve comes with $\frac{3}{8}$ " 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.

S45-2310 Series 9D Dual-Check Backflow Preventer with Intermediate Atmospheric Vent

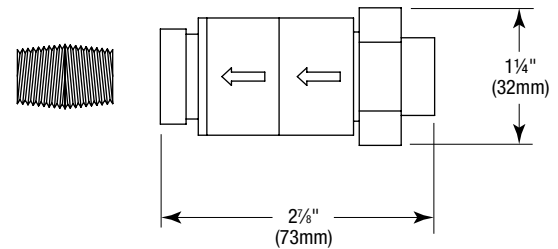
Specifications

The Series 9D dual-check backflow preventer with intermediate atmospheric vent 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.

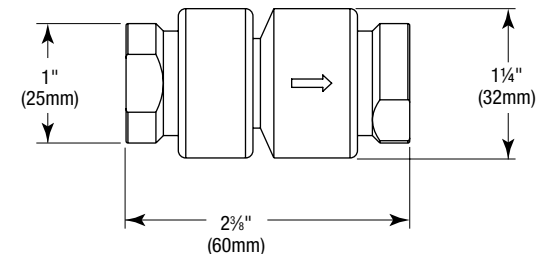
The Series 9D dual-check valve is furnished with union connections to facilitate removal and replacement for maintenance. The internal part is stainless steel. The line size construction permits the check modules to open further allowing debris to move easily reducing check fouling. The minimum working 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 $\frac{1}{2}$ " NPT. The body of the valve is made of brass, while the internal parts are stainless steel. The check valve assemblies are durable and include tight sealing rubber. The dual-check valve with intermediate atmospheric vent is threaded for $\frac{1}{2}$ " female NPT to allow backflow to be directed to a drain. The valve can be installed vertically, or horizontally.

Model	Description
S27-303	Dual-Check Backflow Preventer, Watts Series 7
S45-2309	Dual-Check Vacuum Breaker with atmospheric vent, Watts Series N9
S45-2310	Dual-Check Backflow Preventer with intermediate atmospheric vent, Watts Series 9D

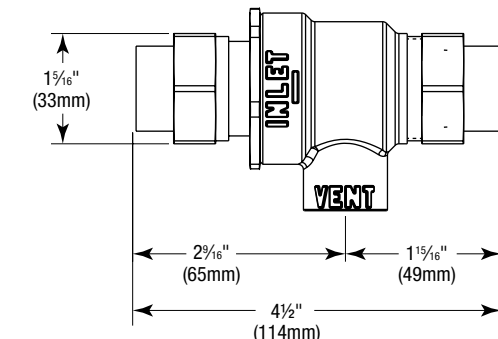
S27-303



S45-2309



S45-2310



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