

For Health Hazard Applications

Water Specialties Company

1-800-336-6530

WATTS®

REGULATOR

LEAD FREE*

Series 994

Reduced Pressure Zone Assemblies

Sizes: 2½" – 10" (65 – 250mm)

Series 994 Reduced Pressure Zone Assemblies are designed to provide protection of the potable water supply in accordance with national codes. This series can be used where approved by the local authority having jurisdiction on health hazard cross-connections. Series 994 features a short lay length, lightweight stainless steel body, corrosion resistant stainless steel relief valve, and patented torsion spring check valves.

Features

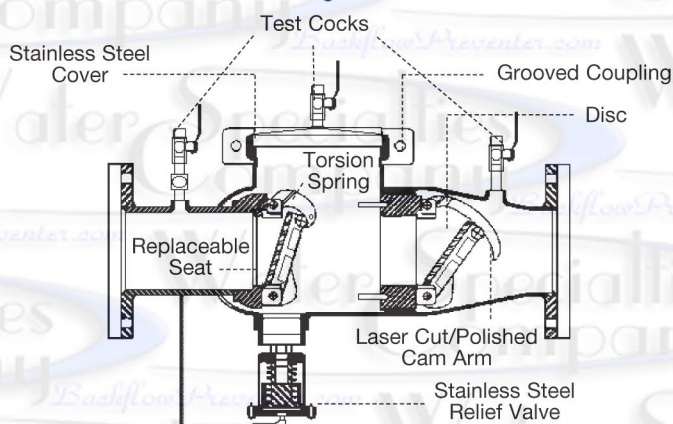
- Stainless steel construction provides long term corrosion resistance and maximum strength
- Stainless steel body is half the weight of competitive designs reducing installation & shipping costs
- Short end-to-end dimensions makes retrofit easy
- Bottom mounted relief valve reduces clearance requirements when installed against an outside wall
- Torsion spring check valves provides maximum flow at low pressure drop
- Thermoplastic & stainless steel check valves for trouble-free operation
- No special tools required for servicing
- Compact construction allows for smaller enclosures
- Stainless steel relief valve features a balanced rolling diaphragm to eliminate sliding seals and lower maintenance costs

Specifications

A Reduced Pressure Zone Assembly shall be installed at each cross-connection to prevent backsiphonage and backpressure of hazardous materials into the potable water supply. The assembly shall consist of a pressure differential relief valve located in a zone between two positive seating check valves. The main valve body shall be manufactured from 300 Series stainless steel for corrosion resistance. The check valves shall be of thermoplastic construction with stainless steel hinge pins, cam arm, and cam bearing. The check valve shall utilize a single torsion spring design to minimize pressure drop through the assembly. The check valves shall be modular and shall seal to the main valve body by the use of an O-ring. There shall be no brass or bronze parts used within the check assembly or relief valve. The use of seat screws to retain the check valve seat is prohibited. All internal parts shall be accessible through a single cover on the valve assembly securely held in place by a two-bolt grooved coupling. The differential relief valve shall be of stainless steel construction and shall utilize a rolling diaphragm and no sliding seals. The relief valve shall be bottom mounted and supplied with a steel reinforced sensing hose. The assembly shall include two resilient seated shutoff valves & four ball type test cocks. The assembly shall be a Watts Series 994.



9940SY



Models

Suffix:

- NRS – non-rising stem resilient seated gate valves
 OSY – UL/FM outside stem & yoke resilient seated gate valves
 **OSY FxG – flanged inlet gate connection and grooved outlet gate connection
 **OSY GxG – grooved inlet gate connection and flanged outlet gate connection
 **OSY GxG – grooved inlet gate connection and grooved outlet gate connection
 LF – without shutoff valves
 S – cast iron strainer

Available with grooved NRS gate valves - consult factory**

Post indicator plate and operating nut available - consult factory**

**Consult factory for dimensions

Note: The installation of a drain line is recommended. When installing a drain line, a 994AGK-P air gap is necessary. See ES-AG/EL/TC for additional information.

Now Available
WattsBox Insulated Enclosures.

For more information, send for literature ES-WB.

**IMPORTANT: INQUIRE WITH GOVERNING AUTHORITIES
 FOR LOCAL INSTALLATION REQUIREMENTS**

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