Series 2000SS

Double Check Valve Assemblies
Sizes: 2½" – 12" (65 – 300mm)

**LEAD FREE**

Features

- Patented Cam-Check Assembly provides low head loss
- Short lay length is ideally suited for retrofit installations
- Stainless Steel body is half the weight of competitive designs reducing installation and shipping cost
- Stainless steel construction provides long term corrosion protection and maximum strength
- Single top access cover with two-bolt grooved style coupling for ease of maintenance
- No special tools required for servicing
- Compact construction allows for smaller vaults and enclosures
- May be installed in horizontal or vertical “flow up” position

Available Models

Suffix:
- NRS – non-rising stem resilient seated gate valves
- OSY – UL/FM outside stem and yoke resilient seated gate valves
- **OSY FxG** – flanged inlet gate connection and grooved outlet gate connection
- **OSY GxF** – grooved inlet gate connection and flanged outlet gate connection
- **OSY GxG** – grooved inlet gate connection and grooved outlet gate connection
- LG – less gates

Available with grooved NRS gate valves - consult factory**
Post indicator plate and operating nut available – consult factory**
**Consult factory for dimensions

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

Series 2000SS Double Check Valve Assemblies are designed to prevent the reverse flow of polluted water from entering into the potable water system. This series can be applied, where approved by the local authority having jurisdiction, on non-health hazard installations. Features short end-to-end dimensions, lightweight stainless steel body, and low head loss.

Specifications

A Double Check Valve Assembly shall be installed at each noted location to prevent the unwanted reversal of polluted water into the potable water supply. The main valve body shall be manufactured from 300 series stainless steel to provide corrosion resistance, 100% lead free through the waterway. The double check shall consist of two independently operated spring loaded cam-check valves, required test cocks, and optional inlet and outlet resilient seated shutoff valves. Each cam-check shall be internally loaded and provide a positive drip tight closure against the reverse flow of liquid caused by backspiphonage or backpressure. The modular cam-check includes a stainless steel spring and cam-arm, rubber faced disc and a replaceable seat. There shall be no brass or bronze parts used within the cam-check valve assembly. The valve cover shall be held in place through the use of a single grooved style two-bolt coupling. The main assembly shall consist of two independently operating torsion spring check assemblies, two resilient seated isolation valves, and four ball valve type test cocks. The assembly shall be an Ames Company Series 2000SS.

Materials

All internal metal parts: 300 Series stainless steel
Main valve body: 300 Series stainless steel
Check assembly: Noryl®
Flange dimension in accordance with AWWA Class D
Noryl® is a registered trademark of General Electric Company.

Pressure — Temperature

Temperature Range: 33°F – 110°F (5°C – 43°C)
Maximum Working Pressure: 175psi (12.06 bar)

Standards

AWWA C510-92, CSA B64.5

Approvals

For 12" approvals consult factory

www.amesfirewater.com
Capacities
Rated working pressure 175psi (12.06 bar) * Rated flow **UL Tested

Dimensions — Weights

<table>
<thead>
<tr>
<th>SIZE (DN)</th>
<th>A</th>
<th>C (OSY)</th>
<th>C (NRS)</th>
<th>D</th>
<th>L</th>
<th>S</th>
<th>w/Gates</th>
<th>w/o Gates</th>
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<tbody>
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<tr>
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ES-A-2000SS 0934

www.amesfirewater.com

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