

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Model SD-2

Backflow Preventer for Beverage Machines

1/4", 3/8"

The Watts SD2 is a dual check designed for the protection of the water supply by preventing the reverse flow of potentially contaminated water into the potable water supply due to back pressure backflow and is used for continuous or intermittent pressure conditions. The Watts SD-2 is recommended for use on dispensing equipment for tea and coffee.

Features

- Certified to ANSI/NSF Standard 18, Manual Food and Beverage Dispensing Equipment
- ASSE 1032 Approved Dual Check Valve
- 316 stainless steel body for corrosion resistance
- All rubber compounds comply with FDA food additive regulations
- Streamlined body design minimizes pressure loss and cavitation
- A wide variety of custom end connections are available
- Endurance tested for more than 500,000 pumping cycle
- Shock tested for more than 100,000 pumping cycle

Specifications

Body and adapters are of 316 stainless steel construction and all rubber components comply with FDA food additive regulations. All materials in contact with the potable water are in compliance with the requirements of the Safe Drinking Water Act, Public Law 93-523, National Interim Primary Drinking Water Regulations.



Available Models

- 1/4" SD2-MN: Male NPT
- 3/8" SD2-MN: Male NPT
- 1/4" SD2-FN: Female NPT
- 3/8" SD2-FN: Female NPT
- 1/4" SD2-MF: SAE Male Flare
- 3/8" SD2-MF: SAE Male Flare
- 1/4" SD2-FF: SAE Female Flare
- 3/8" SD2-FF: SAE Female Flare

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Standards

ASSE 1032

Installation: The valve can be installed horizontally or vertically (flow up or flow down). The valve should be installed such that the valve is accessible for service and maintenance.

NOTICE

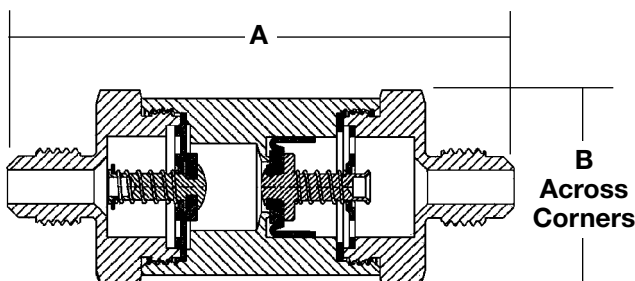
The device should not be installed inside a wall or in a concealed location.

Pressure — Temperature

Max. Pressure: 200 psi (13.8 bar)

Max. Temperature: 110°F (43°C)

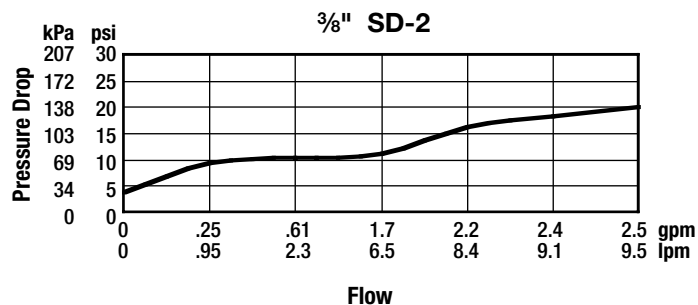
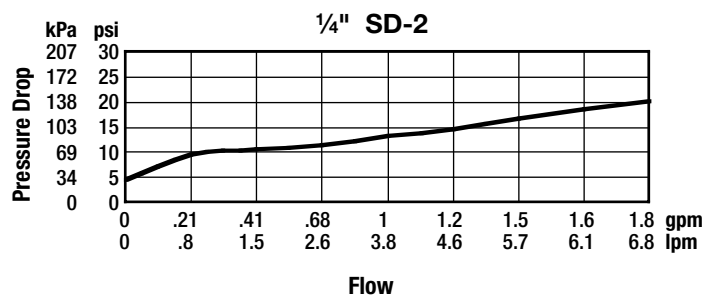
Dimensions (Approx.)



Call customer service if you need assistance with technical details.

| Valve Size | Assembly | | Dimensions | | | |
|------------|----------|---------|------------|----|--------|----|
| | | | A | | B | |
| in | Part # | Order# | in. | mm | in | mm |
| 1/4" | SD2-MN | 0061650 | 3 | 76 | 1 1/16 | 27 |
| 1/4" | SD2-MF | 0061651 | 2 13/16 | 71 | 1 1/16 | 27 |
| 3/8" | SD2-MN | 0061654 | 3 | 76 | 1 1/16 | 27 |
| 3/8" | SD2-MF | 0061655 | 3 | 76 | 1 1/16 | 27 |
| 1/4" | SD2-FN | 0061662 | 3 | 76 | 1 1/16 | 27 |
| 1/4" | SD2-FF | 0061660 | 2 13/16 | 71 | 1 1/16 | 27 |
| 3/8" | SD2-FN | 0061663 | 3 | 76 | 1 1/16 | 27 |
| 3/8" | SD2-FF | 0061661 | 3 | 76 | 1 1/16 | 27 |

Capacity



Typical Installations

