

Series SD2

Backflow Preventers for Carbonated Beverage Machines

Sizes: 1/4" - 3/8" (8 - 10mm)

⚠ WARNING



Read this Manual BEFORE using this equipment. Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment. Keep this Manual for future reference.

Installation Instructions

The Watts SD2 is a dual check designed for the protection of the water supply from carbon dioxide gas and carbonated water. These substances can flow from post-mix beverage systems and are very acidic. If the acidic water comes in contact with copper tubing or copper pipe, it will cause the leaching of copper salts into the water supply. The dissolved copper if ingested can cause nausea, abdominal pain, and in some cases vomiting. The SD2 prevents the reverse flow of potentially contaminated water back into the potable water supply due to back pressure backflow and is used for continuous or intermittent pressure conditions.

Installation

Before installing, flush out pipe lines to remove scale and other foreign matter. The valve can be installed horizontally or vertically (flow up or down). Install the valve in the line with the arrow on the valve body pointing in the direction of flow. 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. Copper tubing shall not be used on the downstream side of the backflow preventer used in carbonated systems. Copper tubing can be used downstream for non carbonated systems such as coffee makers.



Applications

The Watts SD2 is recommended for use on Post-Mix Carbonated Beverage Equipment and dispensing equipment for tea and coffee.

Maintenance

Annual inspection is required of the backflow preventer to insure proper operation of the device. It is also recommended that a strainer be installed upstream of the backflow preventer.

Temperature and Pressure

Maximum Pressure - 200psi (13.8 bar). Maximum Temperature - 110°F (43°C).

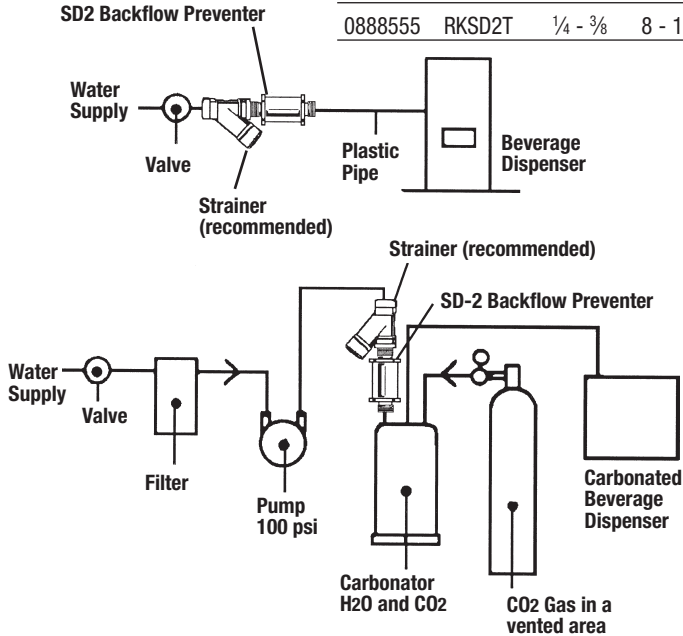
Repair Kit

Kit consists of First and Second Check assemblies complete.

Installation

SD2 Total Repair Kit

EDP No.	Kit No.	Size	
		in.	mm
0888555	RKSD2T	1/4 - 3/8	8 - 10



WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information: www.watts.com/prop65

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