

In today's world, water system safety is a priority and organizations such as the NRWA are joining the fight with programs such as SEMS (Security and Emergency Management System). SEMS provides a step-by-step method for completing a vulnerability assessment of water systems. Wilkins is concerned about the possible threat as well and has joined with SEMS in the protection of our water. Backflow prevention assemblies and the ability to monitor backflow prevention assemblies are crucial in maintaining a safe potable water system. Join Wilkins in the fight to protect our water and water systems.

## WATER SYSTEM SAFETY SOLUTIONS

### *Inside cover, right side:*

Your safety program can be thought of in two parts. Part one can be achieved with a proactive backflow program. Your program should include backflow prevention assemblies. A backflow preventer will stop potentially contaminated water from entering the potable water system or source of water whether a back siphonage or back pressure situation should arise. Part two is the ability to lock or monitor your backflow assemblies and other access points to your system. Monitoring devices can monitor a shut off valve to make sure they are not tampered with, relief valve monitoring switches notifies you of a potential backflow situation in which the relief valve is discharging. These are crucial tools in maintaining the integrity of your potable water system.

### *Back cover in place of the part numbers and prices:*

Water system safety is not only the right thing to do, it is required by the Bioterrorism Act of 2002 Title IV which also amends the Safe Drinking Water Act in Section 1433.

Wilkins, in helping with your Vulnerability Assessment and quoting process, has created a webpage with all of the part numbers, product information, and list pricing that will help you in this task. You can copy and paste the information directly into your quote program. In addition, all specification sheet information in PDF file format is included in a link. Visit Wilkins at [www.zurn.com](http://www.zurn.com) for more information.

Wilkins is dedicated to helping you protect your water systems. If there is any product that you feel Wilkins should offer to help in your fight for system protection, contact us and we will do what we can to add what you need to our product line.



Call 855-ONE-ZURN (855-663-9876)  
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Protecting and maintaining water quality is one of the most important responsibilities you are faced with today.

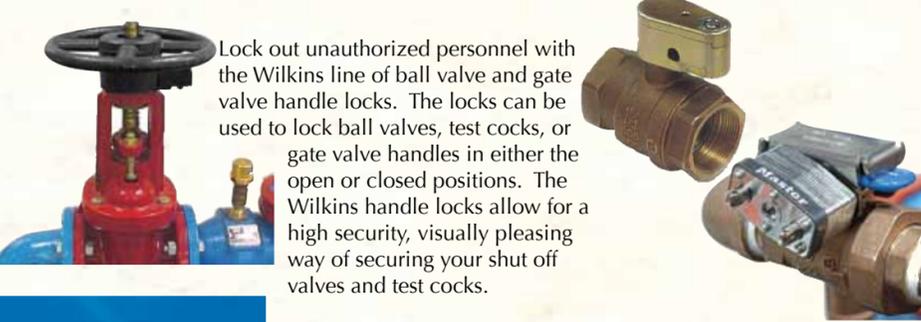
Water system safety is more than a professional backflow program. It includes elements that limit or prevent access to system components.

# WILKINS WATER SAFETY SOLUTIONS

## BACKFLOW PREVENTERS



Wilkins Backflow Preventers contain two independently acting, approved check valves, four resilient-seated test cocks, and two resilient-seated isolation valves. These assemblies are approved for both continuous and non-continuous pressure applications, in both back-siphonage and back-pressure conditions. A Double Check Valve is intended to provide protection in low hazard situations. A Reduced Pressure Principle Assembly comes equipped with a hydraulically operated, mechanically independent, differential pressure relief valve located between the two check valves, and is approved for use in low and high hazard conditions. Both types can be equipped with a by-pass detector assembly designed to meter potential leakage or unauthorized water use.



## BALL VALVE & GATE VALVE LOCKS

Lock out unauthorized personnel with the Wilkins line of ball valve and gate valve handle locks. The locks can be used to lock ball valves, test cocks, or gate valve handles in either the open or closed positions. The Wilkins handle locks allow for a high security, visually pleasing way of securing your shut off valves and test cocks.

## AQUA LOCKS



Lock out unauthorized personnel, limit exposure to water system contamination, avoid vandalism, and lower chances of system cross connection with the Aqua Lock line. Aqua Lock consists of Hose Bibb Locks, Hose Bibb Handle Locks, Test Cock Locks, and Strainer Blow Out Locks. Typical applications are residential, vacation homes, schools, property management companies, industrial, parks, stadiums, backflow preventer test cocks, strainer blow-offs, ball valves, or anything with a male hose thread or female 1/4", 1/2", or 3/4" pipe thread. For orders of 25 or more, locks can be keyed alike.

## SHUT OFF VALVE & GATE VALVE MONITORING SWITCH



The Wilkins BVMS Ball Valve Monitoring Switch and OSY-40 OS&Y Gate Valve Monitoring Switch are designed to add a level of protection against shut off valve tampering. The OS&Y monitoring switch can be used on gate valve sizes 3/4" - 10". The Ball Valve Monitoring Switch model BVMS-S40 can be used on sizes 3/4"-1" and the BVMS-L40 can be used on sizes 1 1/4" - 2". Both styles of the shut off monitoring switches are designed to send a signal to an alarm panel in the case of the shut off valve being tampered with.

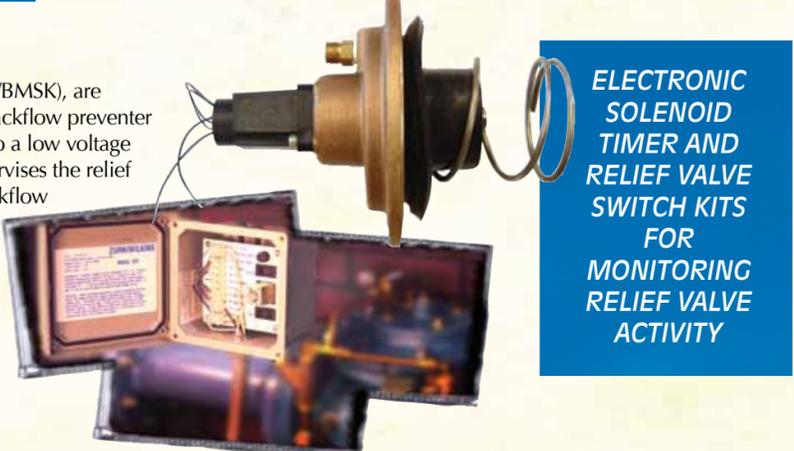


## PRESSURE REGULATOR LOCKS

Direct Acting Pressure Regulator and Pilot Operated Control Valve locks. When down stream pressure is critical, avoid vandalism and unintentional mishaps with the Wilkins Locking Pressure Regulator and Locking Pilot Operated Pressure Regulating Control Valve. When problems with secure downstream pressure regulation exist, turn to Wilkins for your solution.



Wilkins Relief Valve Monitoring Switch Kits (MSK/BMSK), are designed for use on reduced pressure principle backflow preventer models 375, 975 and 975XL. When connected to a low voltage alarm circuit, the monitor switch electrically supervises the relief valve in the closed position. In the event of a backflow condition, the relief valve closes an electrical circuit, signaling that a possible relief valve discharge may be occurring.



## ELECTRONIC SOLENOID TIMER AND RELIEF VALVE SWITCH KITS FOR MONITORING RELIEF VALVE ACTIVITY

Wilkins Electronic Solenoid Timer is used for monitoring relief valve discharge. The EST control box operates on a 120VAC power source and monitors the switch in the backflow relief valve. When the EST registers a relief valve dump, the system will shut down the ZW106 control valve which basically turns the system off, and sends a signal to the EST control box. The EST can be programmed to: trigger local alarms, warning lights, sirens or buzzers; trigger a central alarm system; call maintenance personnel; switch a relay to start a sump pump.



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