

Total Waterworks Solutions

- 1 Potable Storage**
 - ZW222 Altitude Control Valve
 - 48 NRS Gate Valve
 - ZW204 Float Control Valve

- 2 Potable Pump Station**
 - ZW205 Pressure Relief/Pressure Sustaining Control Valve
 - Z886 Linear Trench Drain

- 3 Potable Pressure Reducing Station**
 - ZW209 Pressure Reducing Control Valve
 - FSC Flanged Cast Iron Strainer

- 4 Fire Protection System**
 - ZW209FP Pressure Reducing Control Valve for Fire Protection Systems
 - 350ASTDA Stainless Steel Double Check Detector Assembly

- 5 Potable Distribution System**
 - ZW209E Pressure Reducing Valve with Solenoid Shut-off
 - 375AST Stainless Steel Reduced Pressure Principle Assembly
 - ZW206 Threaded Solenoid Control Valve
 - 375XLB Theft Prevention Reduced Pressure Principle Assembly

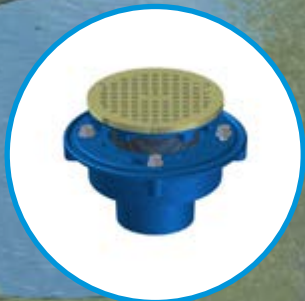
- 6 Reclaimed Water System**
 - ZW209QTH Threaded Pressure Reducing Valve with Downstream Surge Protection
 - 975XL2P Reduced Pressure Principle Assembly Backflow Preventer for Reclaimed Water Systems
 - Z415BZ Floor Drain



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Pressure Reducing Stations

Pressure reducing stations are required in a municipal water system to manage water pressures and deliver long-term benefits. Proper pressure reduction ensures a longer system lifecycle by reducing system stress and premature component failure or damage, as well as conserving water waste from pipeline leaks.

Zurn offers the ZW209 Series of Automatic Control Valves for pressuring reducing applications. Additional products include the ZW205 relief valve, linear trench drains, slotted drains, floor drains, strainers to remove potentially hazardous dirt and debris from the water system, and shut-off valves to isolate system components.



Model ZW209
Pressure Reducing Automatic Control Valve



Model ZW209R
Pressure Reducing Automatic Control Valve, Reduced Port Body



Model ZW205
Pressure Relief/Pressure Sustaining Automatic Control Valve



Model ZW209E
Pressure Reducing with Solenoid Shut-off Automatic Control Valve



Model ZW209H
Pressure Reducing / Pressure Sustaining Automatic Control Valve



Model ZW209Q
Pressure Reducing Automatic Control Valve with Downstream Surge Protection



Model ZW209A
Pressure Reducing Automatic Control Valve, Angle Body



Model FSC
Cast Iron Flanged Wye Type Strainer



Z886 Perma-Trench® System
6" [152 mm] wide grate seat area, 4" throat, pre-sloped trench drainage system



Z163
15" Diameter Combination Main Roof and Overflow Drain with Silhouette Domes and Double Top-Set® Deck Plate



Z415BZ
Leveling Floor Drain



Model 48 Gate Valve
Available with flanged, grooved, or flanged x grooved end connections

Water Treatment

Disinfecting raw water or ground water from its present state to potable water requires reliable and cost effective process equipment. Zurn solutions can assist through the treatment process where multiple valve applications are needed, including the ZW209 pressure reducing valve, ZW206 solenoid valve, ZW204 float valve, and ZW209E pressure reducing with solenoid shut-off.

Water treatment facilities require extensive drainage systems, and often times custom engineered solutions. Zurn linear drainage systems provide unique and effective labor savings solutions for any water treatment project. Examples include linear trench drains, such as Model Z886 and Z888.

Zurn provides backflow prevention, wye strainers, shut-off valves, pressure regulators, and pressure vacuum breakers to help manage the flow and safety of the potable water supply.



Model ZW209
Pressure Reducing Automatic Control Valve



Model ZW206
Solenoid Control Valve



Model ZW204
Non-Modulating Float Control Valve



Model ZW209E
Pressure Reducing with Solenoid Shut-off Automatic Control Valve



Z886 Perma-Trench System
6" [152 mm] wide grate seat area, 4" throat, pre-sloped trench drainage system



Z888 Hi-Cap Slotted Drainage System
Heavy-duty Frame - 12"-18" Slot drain with 1.75" wide throat



Model 375AST
Reduced Pressure Principle Assembly with Stainless Steel Body



Model 350ASTDA
Double Check Detector Assembly with Stainless Steel Body



Model 375XL
Reduced Pressure Principle Assembly



Model 975XL2
Reduced Pressure Principle Assembly



Model 420XL
Pressure Vacuum Breaker Assembly



Model FSC
Cast Iron Flanged Wye Type Strainer



Model SXL
Bronze Wye Type Strainer



Model 600XL
Water Pressure Reducing Valve



Model 500XLYSBR
Water Pressure Reducing Valve with Wye Type Strainer



Model 48 Gate Valve
Available with flanged, grooved, or flanged x grooved end connections

Reclaimed Water Treatment and Systems

Reclaimed water systems have increased in use as a way to offset the growing demand for water, particularly for irrigation and other non-potable applications. Although reclaimed water systems have different requirements, many of the valves and components are identical in function to those used in potable systems, with the exception that non-potable system devices must be identified with purple markings or color.

The waterworks industry requires innovative and performance-driven products to support control and safety. Zurn is committed to providing unique solutions that deliver superior water efficiency and safety. With over 100 patented designs, Zurn has a tradition of developing innovative solutions ideal for waterworks applications.



Model ZW209
Pressure Reducing Automatic Control Valve



Model ZW204
Non-Modulating Float Operated Control Valve



Model ZW209E
Pressure Reducing with Solenoid Shut-off Automatic Control Valve



Model 975XL2P
Reduced Pressure Principle Assembly for Reclaimed Water Systems



Model 375XL
Reduced Pressure Principle Assembly



Model 375XLB
Theft Prevention Reduced Pressure Principle Assembly



Model 475
Reduced Pressure Principle Assembly, "N" pattern



Series FLS, MJS, MJFS Valve Setter Assembly
Used with Model 475 to simplify installation and eliminate concrete thrust blocks



Model 375A
Reduced Pressure Principle Assembly Backflow Preventer



Model 375ASTDA
Reduced Pressure Detector Assembly with Stainless Steel Body



Model 420XL
Pressure Vacuum Breaker Assembly



Model FSC
Cast Iron Flanged Wye Type Strainer



Model SXL
Bronze Wye Type Strainer



Model 600XL
Water Pressure Reducing Valve



Model 500XLYSBR
Water Pressure Reducing Valve with Wye Type Strainer



Model 48 Gate Valve
Available with flanged, grooved, or flanged x grooved end connections