



MUELLER

WATER & WASTEWATER PRODUCT OVERVIEW

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About Mueller

Since 1857, the Mueller name has been associated with dependable water distribution products. With a foundation of solid core values and a clear mission, Mueller provides products and services around the globe under the brands of Mueller®, Echologics®, Hydro Gate®, Hydro-Guard®, i2O®, Jones®, Krausz®, Milliken®, Mueller Systems®, Pratt®, Pratt Industrial®, Singer®, and U.S. Pipe Valve & Hydrant.

In addition to providing water distribution and transmission products, we are happy to provide solutions that help water and wastewater companies detect and monitor leaks, control water conditions, and repair distribution network infrastructure.

Over 165 Years of Excellence



Over 2,800 kilometres of condition assessments completed



Over 5,100 kilometres of pipe monitored globally



Over 400 issued patents and **200 pending** worldwide



1,800 gate valves produced per day



250,000+ pipes repaired annually



\$273M of capital investments from 2018-2021

Mueller refers to one or more of Mueller Water Products, Inc., a Delaware corporation (“MWP”), and its subsidiaries. MWP and each of its subsidiaries are legally separate and independent entities when providing products and services. MWP does not provide products or services to third parties. MWP and each of its subsidiaries are liable only for their own acts and omissions and not those of each other.

WATER INTELLIGENCE PLATFORM



Sentryx™ Water Intelligence Platform

Benefits



Data Intelligence



Actionable Alerts



Secure Digital Platform

Get key insights on your infrastructure with Sentryx Water Intelligence Platform, the secure platform for water intelligence. The Sentryx platform provides utilities with their network data on an integrated platform with intuitive dashboards. Fully cloud hosted, the Sentryx platform is designed to help water utilities monitor and control water distribution networks.

Plus, it works on any desktop, tablet, or mobile device that connects to the Internet.

With end-to-end encryption, the Sentryx platform enables utilities to go digital without compromising their security. Mueller follows leading best practices to ensure that utilities' data – and their customers' data – remain safe.

SENTRYX™
Water Intelligence Platform

LEAK DETECTION, LEAK MONITORING, AND CONDITION ASSESSMENT

Benefits



Non-Invasive
Technology



Advanced AI
Algorithms



User-Friendly
Interface



LeakFinder-ST™ Correlator

Accurately detect, monitor, and locate leaks – and assess the structural condition of water pipes – with Echologics® advanced acoustic technologies. These solutions provide actionable insights that can be used to identify leaks early and optimise repair and replacement programs, all without

breaking ground or disrupting service.

Minimise loss of water and protect your buried assets and the communities that you serve with Echologics leak monitoring and condition assessment solutions.

ECHOLOGICS®

a MUELLER brand

PRESSURE MONITORING AND MANAGEMENT



i20[®] Pressure and Flow Data Logger, Advanced Pilot Valve

Benefits



Scalable
Design



Trusted
Globally



Easy
to Install

Water loss management remains critically important as infrastructure continues to age, resulting in the loss of trillions of litres of water annually. In 2021, Mueller acquired i2O Water Ltd., a provider of Pressure Management Intelligent Water Network solutions and software to more than 150 water companies in 45 countries.

i2O solutions extend the life of assets by running them at the lowest allowable minimal pressure, and also decrease real water losses by reducing interruptions to supply, leakage, and bursts.

i20[®]
a **MUELLER** brand

FLUSHING SYSTEMS



Hydro-Guard® 1200 Series Automatic Flushing Unit

Benefits



Reliable
Design



Programmable
Schedule



Water Quality
Monitoring

Designed to allow public and private water utilities to maintain more consistency in the level of chlorine residual in water distribution lines, the Hydro-Guard Automatic Flushing Systems utilise a time-based schedule to flush when water usage is traditionally lower or when the residual level is at its lowest.

The product line includes temporary (portable) flushing systems as well as permanent flushing systems.

The units operate reliably in warm, moderately cold, and cold climates.

Hydro-Guard systems can flush a water line multiple times per day, seven days per week, with a variety of fixed and temporary units for cold and warm climates. Additionally, the line of automatic and smart flushing units helps utilities address climate, environmental, installation, and community concerns by monitoring conditions and reacting to them in near-time.

HYDRO-GUARD®

a **MUELLER** brand

SMART HYDRANT SOLUTIONS

Benefits



Data
Communications



Network
Visibility



Superior
Battery Life



Mueller® Smart Hydrant Solutions

Mueller Smart Hydrant Solutions, powered by Sentryx, leverage Industrial IoT, powerful mapping, data visualisations, and advanced analytics to improve your network visibility and provide insights into your Water system like never before. The hydrant acts as a communications hub, housing state-of-the-art pressure and temperature sensors that communicate data via cellular signal to the scalable,

secure Sentryx Water Intelligence Platform, designed to help water utilities to monitor and operate their water distribution networks.

Mueller is a leading manufacturer of traditional dry and wet barrel fire hydrants known throughout the world for superior flow characteristics, dependability, ease of repair, and aftermarket support.



AUTOMATIC CONTROL VALVES



Benefits



Innovative,
Patented Design



Built
to Last



Range
of Solutions

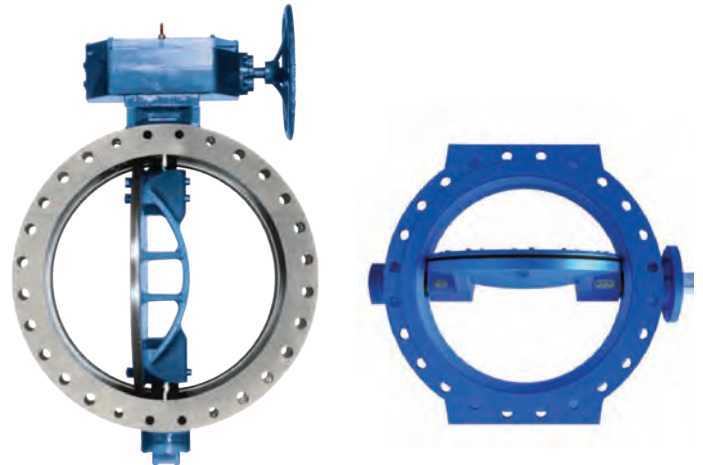
Singer® 106-PR/206-PR Pressure Reducing Valve

Since 1957, water utilities around the world have trusted Singer Automatic Control Valves for their water management needs. From water loss management in Southeast Asia and water conservation in the Middle East and Africa,

to urban distribution system demands in North America and Europe and pressure control management in Australasia or Latin America, people choose Singer Water Management solutions to meet their unique needs.

SINGER[®]
a **MUELLER** brand

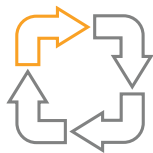
WATERWORKS VALVES



Benefits



Superior
Performance



Extended
Product Lifecycle



Reliable
Design

Pratt® Triton® XR-70 Rubber-Seated Butterfly Valve
and Pratt Double-Eccentric Metric Butterfly Valve

Mueller provides a wide variety of main valves for water distribution systems globally under the Mueller®, Pratt, and Milliken® and U.S. Pipe Valve & Hydrant (USPVH), brands. Available in various sizes, end configurations, and operating pressures of up to 2400kPa/24Barg(350psi), our valves are designed with durability and product longevity in mind, with features that withstand all climatic conditions without compromising quality and lifecycle.

Valve materials are carefully selected for their corrosion-resistant and high strength qualities.

Types of waterwork valves include metal-seated solid wedge gate valves, butterfly valves, plug valves, air valves, check valves, knife gate valves, and ball valves.



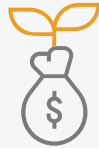
INDUSTRIAL-USE VALVES AND ACTUATORS



Benefits



Ease
of Installation



Low
Maintenance Cost



Reduced
Leakage

Pratt Industrial® BF Series Wafer/Lug Butterfly Valve
with Gear Operator

Mueller specialises in the design, engineering, and worldwide distribution of technologically advanced, industrial-use valves and actuators under the Pratt Industrial brand. Thorough material selection process, precision engineering, and quality assurance, allow us to provide solutions for a variety of specific valve applications and working environments to solve pain points such as pipeline fatigue and damage, leakage, high maintenance costs, short lifecycle of valves and actuators.

Pratt Industrial Valves are used in various industrial segments such as mining, food and beverage, irrigation, power, chemical and pharmaceutical, desalination, petroleum and oilfield, ultra-pure water, transportation, marine, and HVAC markets.

PRATT INDUSTRIAL®

a MUELLER brand

PENSTOCKS

Benefits



High Integrity
Casting



High Flow
Capability



Corrosion-Resistant



Hydro Gate® HG561
Heavy Duty Fabricated Slide Gate

With more than a century of experience in penstock design, Mueller specialises in producing superior heavy-duty Hydro Gate Penstocks that are 100% custom-built to match specific applications. Our new facility located in Kimball, Tennessee, features state-of-the-art technologies and processes such as cold roll thread forming which increases strength, lowers the coefficient of friction, and reduces lifting torque values; and hydrostatic testing which assures our penstocks' structural integrity and leakage performance.

Innovative break press technology delivers precisely formed sections, with automated back cages and laser measurements. All Hydro Gate Penstocks are fabricated in a custom designed welding centre using modular tables to help ensure proper fit before final assembly and quality checks.

Types of penstocks include fabricated gates, cast iron and stainless-steel slide gates, flap gates, and large custom fabricated products.

HYDRO GATE®

a MUELLER brand

PIPE REPAIR AND INSTALLATION



Repamax Coupling

Benefits



Versatile Application



Wide-Range Options



Safer Installation

With over 165 years of experience in pipe repair and installation, Mueller provides a full suite of innovative and proprietary pipe couplings, grips, clamps, and saddles, for the global water and wastewater industries with our Krausz® and Mueller Co. solutions.

Krausz® coupling products are designed to address every coupling need by taking into consideration the ease-of-use, long-term durability, safety, and cost-effectiveness. Krausz products are known for their

versatility and flexibility when addressing repair or pipe connection across any type of crack, break or hole.

Krausz restraint products combine the patented gripping system of the HYMAX GRIP® coupling, to feature universal gripping teeth that is successful at restraining all types of metal and plastic pipes - making it easier and safer to install and saving water utilities and operators resources from the time you install it throughout its lifecycle.

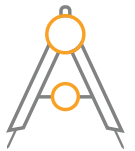
Other Krausz and Mueller Co. products include fabricated tapping sleeves, bronze, and ductile iron service saddles.

MACHINES AND TOOLS



EZ-TAP™ Drilling Machine

Benefits



User-Friendly
Design



Efficient
Operations



Low
Maintenance

Designed and tested to withstand the hard use and rough handling that is unavoidable when working on live water mains, Mueller Machines and Tools provide proven precision and dependability for superior everyday performance. Mueller manufactures a complete line of machines and tools that give the operator the ability to perform small and large drilling operations and drilling & tapping operations

quickly and safely on a multitude of dry or pressurised pipes, of all types and sizes. Options are available for air, hydraulic, and electric power operations.



SERVICE BRASS



Mueller® Ball Corporation Stop with CC Thread

Benefits



Lead-Free
Brass



Robust Structural
Product Integrity



AWWA/ANSI C800
Compliant

Mueller provides water utilities and contractors with one of the broadest product ranges of Service Brass for water service connections to distribution mains, service lines, and water meters. Leading the way to efficient operations, responsible sourcing, and the development of sustainable products, Mueller is also making the transition to using C87850 lead-free brass for all service brass products in the future.

This transition is the first step in Mueller's commitment to eliminate the use of materials that do not meet the definition of lead-free for all components in our waterworks products. Products include corporation valves, curb valves and boxes, service pipe fittings, insulated products, copper meter setters, iron meter yokes, meter and check valves, meter boxes, and service saddles.





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Scan the QR code to get started.

For more information about us, or to view our full line of products, please visit www.muellercompany.com/int or call International Customer Service at:

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