

A high-speed photograph of a water splash, with water droplets and bubbles captured in mid-air. The splash is set against a background that transitions from a light blue at the top to a bright orange at the bottom. The water is clear and glistening, with many small droplets and bubbles visible.

**Mueller Co.**

WATER PRODUCTS DIVISION

# Product

LINE CARD

# For Over 150 Years, Known and Trusted Worldwide for the Highest Quality Water Products.

*Since 1857, the Mueller Co. has built its reputation on producing innovative water distribution products of superior quality— a reputation that is literally “on the line” every day throughout the world. Mueller products and those of its subsidiaries are used throughout the water system... from the source to the consumer. And, we are committed to continuing research and development of new products and services to meet the growing needs of the water industry... Mueller is the largest and only full-line supplier of potable water distribution products in North America— and its markets continue to expand globally.*



## Drilling & Tapping Machines

Drilling and tapping machines are offered for installation of water service lines on virtually every type and size of pipe. Products include rugged design, with proven precision and dependability for superior everyday performance. Both dry install and under pressure application models are offered. Machines range: 1/2"- 2" (15-50mm) corporation valve insertion.

## Drilling Machines

Mueller manufactures both small and large varieties of drilling machines for use on dry or pressurized pipe of all types. Small drilling machines can bore holes 7/16"-2" (10-50mm) and are available in hand and power operated models, with drills and shell cutters matched to pipe type— primarily used with service clamps and corporation stops for service connections on mains operating under pressure. Large drilling machines with hole ranges 1-1/2" to 18-1/2" (40-465mm) accommodate valves from 2"-24" (50-600mm)— used to make lateral connections on pressurized mains, without interrupting flow. Units work reliably under the difficult conditions and rough treatment that is typical of water main work.



## Service Saddles

Service saddles are available in bronze, ductile iron and stainless steel and are used for making service line connections. Different designs are available for use on any type of pipe material or size of main. All saddles form a tight connection between main and service line and feature an O-ring fit into a dimensionally controlled groove, which eliminates creep and seal blowout, or a gridded mat type gasket.

## Corporation Valves

Styles of corporation valves are available for virtually any service line installation. Products feature durable main body brass construction and a wide variety of outlet connection choices. Valves types include ball, plug and ground key styles. Low-lead brass is also available to meet new AWWA requirements. Sizes: 1/2"-2" (15-50mm) with working pressures to 300 psig (2068kPa).





## Service Fittings:

Service fittings are duty-proven and available in styles to fit today's popular types of water service pipe and tubing. Products feature durable main body brass construction, assuring pressure-tight connections.

Types offered include Mueller 110® and other types of compression connections, Insta-Tite® stab-in, copper flare, threaded and other specialty connections. There's a style for virtually any application. Low-lead brass is also available. Sizes: 1/2"-2" (15-50mm).

## Curb Valves & Boxes

Not only are a variety of curb valves and curb boxes offered, but also a full range of box accessories, including shut-off rods, augers and keys. Curb valve styles include ball valves, Oriseal® plug and ground key types. Low-lead brass is also available.

Valve sizes: 3/4"-2" (20-50mm).



## Meter Setting Materials

Meter setting materials include both copper and cast iron yokes in hundreds of configurations sure to fit any application, including adjustable yokes, meter relocators, various straight and angle meter valves in ball valve, Oriseal® plug and ground key designs,

in-line, angle and top entry dual check valves, cast iron meter boxes, meter couplings, pit and manhole covers, keys, locks, meter bushings and idlers. Low-lead brass is also offered for certain items.

## PVC Meter Boxes & Vaults

Mueller PVC meter boxes and vaults offer strength and lighter-weight shipping and handling convenience, and come fully assembled and factory tested. Many styles for single and tandem installations, as well as coil boxes for protection against extreme cold weather, yet allow for easy meter access at ground level. Choice of iron or composite plastic lids, which allow radio AMR monitoring and are virtually transparent to R.F. signals. Bury depths: 10"-120" (254-3048mm); Meter box sizes: 15"-36" (381-914mm) diameters.

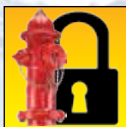


## Fire Hydrants

Mueller dry barrel hydrants are the most often installed brand in North America. Super Centurion® Fire Hydrants (to 250 psig/1724kPa working pressure), Super Centurion® Monitor Style Fire Hydrants (250 psig/1724kPa), Modern Centurion® fire hydrants (200 psig/1379kPa), as well as spin-in, flush and post type hydrants are offered. Mueller fire hydrants feature a unique stainless steel safety stem coupling that breaks cleanly during traffic impact to minimize hydrant damage and allow economical repair.

## Fire Hydrant Security

With water supply safety a growing concern, Mueller offers security options for virtually any level of protection, 24/7. The ultimate in passive security is the Super Centurion 250/HS™ "High Security" Fire Hydrant, which features an in-line check valve built into its shoe connection. The add-on Hydrant Defender™ Security Device can be placed over almost any brand hydrant to prevent unauthorized access. Other operating nut protection devices are also available to prevent unauthorized access to water or hydrant components.





## Gate Valves

NRS resilient wedge gate valves from Mueller are available in ductile or cast iron. Valves feature forged bronze stem and thrust collar for superior strength, an elastomer-encapsulated iron wedge with no thin spots or voids and engineered plastic guides to stabilize the wedge and prevent binding. Sizes: 2"-54" (50-1370mm) and working pressures to 250 psig (1724kPa). Connection options include flanged, slip-on, radial, compression with integral pipe restraint, threaded and MJ.

## Butterfly Valves

Top-performing butterfly valves are available in either ductile or cast iron. Valves open and close with less torque required, lowering the need for costlier actuation, feature chevron V-type packing and disc shapes to minimize pressure drop and withstand high turbulence. Sizes: 3"-48" (80-1200mm) with working pressures to 250 psig (1724kPa). Connection options include flanged, slip-on and MJ. Actuators (both slotted-lever and link-lever), disc position indicators and operator extensions are also available.



## Tapping Materials

Products include tapping sleeves and crosses in cast and ductile iron, as well as sleeves in stainless steel. A full selection of compatible resilient wedge tapping valves is offered. Also available are split sleeves and cut-in valves. Most tapping sleeves and crosses cover a size range to 24" (600mm) and valves to 48" (1200mm).

## Check Valves

Mueller supplies a variety of check valves, including gravity swing, weight and spring-assisted lever, and a flexible disc style. All check valves feature internal parts that are easily accessible through valve top, so valve does not have to be removed from the line for maintenance. Many offer a choice of either rubber or bronze disc facings. Sizes: 2"-36" (50-900mm) and working pressures to 250 psig (1724kPa).



## Pipe Repair Clamps

Mueller pipe repair clamps and repair components are the right choice for emergency repair of water main or service line breaks and leaks. Mueller offers all-stainless steel styles with finger-lug or its proprietary ultra-low profile design for tight spaces, as well as ductile iron finger-lug styles. Types include single and double section, service outlet, and extra length. Sizes: 1/2"-36" (15-900mm) diameter (and larger by special order).

## UL/FM Products

Mueller Co. offers reliable commercial and institutional fire protection products that are intelligently designed and easily maintained— all meeting stringent UL and FM requirements. Products include Super Centurion® 250 Fire Hydrants (250 psig/1724kPa working pressure), resilient wedge gate valves (to 24"/600mm) in PIV and O.S.&Y. styles and PIV butterfly valves (to 48"/1200mm), as well as indicator posts in adjustable, non-adjustable and wall mount styles. Also gravity-operated check valves— Sizes: 2-1/2"-12" (65-300mm) and working pressures to 200 psig (1379kPa), Super Centurion® Monitor hydrant (250 psig/1724kPa working pressure) and Storz connections (4" or 5" pumper nozzle sizes) to fit any Centurion 250™ or Modern Centurion fire hydrant.



# Mueller Service Co.

Forming lasting partnerships with municipal water departments and water service utilities is the mission of this company. Outside assistance in evaluating and maintaining reliable water distribution systems is often needed, and Mueller Service Co. provides asset management, vital operational data collection/evaluation, critical emergency repairs and scheduled maintenance programs– all to improve system efficiency and control costs.

[www.muellerserviceco.com](http://www.muellerserviceco.com)

# Mueller SYSTEMS

Mueller Systems helps public and private utilities improve customer service, expand conservation efforts, reduce non-revenue water and maximize efficiencies through the use of technology. Smart metering solutions and services are offered, including both AMR and AML, leak detection, residential, light commercial, commercial/ industrial and fire service meters, plus electronic meter reading accessories. [www.muellersystems.com](http://www.muellersystems.com)

# PRATT

Henry Pratt Company

Henry Pratt Company manufactures quality valves for a broad range of fluid systems. The company specializes in designing, developing and manufacturing a durable line of butterfly, check, plug, rectangular, ball, nuclear, industrial, cone, sleeve, fire protection and energy-dissipating valves used in the potable water, wastewater, power generation, industrial and nuclear markets. Related valve actuators and control systems are also offered. [www.henrypratt.com](http://www.henrypratt.com)

# MILLIKEN

VALVE COMPANY

Having pioneered the eccentric plug valve used in the wastewater and HVAC industries, Milliken Valve Company now also produces products for the water and industrial valve markets. Today, they offer an extended product lineup, including a broad range of AWWA butterfly & general service butterfly valves– plus swing, rubber flapper, double disc, wafer (outside spring), globe-style and compact wafer check valves. Controls and actuators are also available.

[www.millikenvalve.com](http://www.millikenvalve.com)



**A Division of Henry Pratt Company**

Hydro Gate manufactures water control gates used in flood control, wastewater & environmental water treatment, irrigation, dam installations and hydroelectric plants. Products include cast iron slide or flap gates, fabricated slide or flap gates, weir gates, hand pull gates, roller gates, rectangular butterfly gates, radial water control gates— plus stop logs, wall thimbles, lifts and accessories. All gates are designed to be virtually indestructible— and are 100% custom-built to meet customer requirements. [www.hydrogate.com](http://www.hydrogate.com)



Hydro-Guard® automatic flushing systems offer an economical and water-saving alternative to manually flushing water lines. These products more accurately regulate the level of chlorine residual in water lines, especially at the dead-end. They use a time-based schedule to flush during low-usage hours or when residual levels are lowest. Manufactured in a number of sizes and styles, these systems also offer either integral or remote programmers and optional dechlorination chambers. A Hydro-Guard S.M.A.R.T. model even allows two-way communication and remote flushing management (via secure web portal or existing SCADA). Safety-Guard® B.O.S.S. sampling stations, industrial eye wash/safety shower flushing systems and enclosures are also available. [www.hydro-guard.com](http://www.hydro-guard.com)



Using the latest acoustic technology, Echologics offers sophisticated audio assessment products, training and services to facilitate non-intrusive leak detection. With audio products such as the low-cost sounder LeakListener, acoustic sounder LeakTuner with ground microphone, computer-linked LeakFinderRT™ with real time monitoring and the fiber optic-based LeakMonitor, water department workers can detect leaks and check pipe wall conditions throughout the water system. Evaluation, pipe wall integrity assessment, training courses and sales support are also offered. [www.echologics.com](http://www.echologics.com)



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