



# Water Distribution Products

Full-line product overview

**Mueller Canada**

Reliable Connections<sup>®</sup>

# Contents

**03**

Hydrants and Hydrant Security

---

**04**

Valves

---

**05**

Fire Protection Products (UL/FM)

---

**06-07**

Service Brass

---

**08**

Machines and Tools

---

**09**

Pipe Repair Products

---

**10**

Hydro-Guard®

---

**11**

Company History

---

**12**

Delivery and Service

## Our Mission

*To be a trusted provider of branded products and services known for superior quality, reliability and the lowest total cost of ownership that help our customers operate their businesses more efficiently and protect lives and property.*

*We manage our business to realize leadership, sales, and value creation over the long term.*

## Company Overview

Mueller Co. LLC, our affiliate and source of many of Mueller Canada's products, is North America's largest and only full-line supplier of potable Water Distribution Products. These products are used throughout the water system from source to customer.

We catalog thousands of items to suit the needs of virtually any water system application, and for use with any water main or service line pipe material. We, as well as several Authorized Mueller Stocking Distributors, offer Mueller® Water Distribution Products in all parts of Canada.

## Core Values

Mueller Canada, LTD has a set of Core Values to help us think, act and work together to benefit all of our stakeholders – from our employees who are our most valued assets, to our customers who expect quality products and service.

These Core Values are not an end in themselves. Rather, they form the foundation of our culture, define behaviors required of us all and guide our decision making.

As a company and as individuals, we will:

- Act with integrity – do the right thing
- Treat each other with respect
- Build relationships
- Promote a culture of innovation and continuous improvement
- Deliver exceptional results
- Foster a safe and environmentally responsible culture



## Hydrants and Hydrant Security

Mueller® fire hydrants are known throughout Canada for their rock-solid reliability and ease of use. Products include Canada Valve™ Century™, Darling®, Super Centurion®, and Modern™ dry barrel brands as well as spin-in, flush and post-type hydrants. They feature superior flow characteristics, dependability, and aftermarket support. Accessories, repair kits, and parts for discontinued models are also available.



Canada Valve™ Century™



Super Centurion® 250™



Modern Centurion®



Darling B50



Post-Type Hydrant

HYDRANT SECURITY



Hydrant-Defender®





## Resilient Wedge Gate Valves

Mueller® Resilient Wedge Gate Valves feature a forged bronze stem (through 16”) and thrust collar for superior strength, an elastomer-encapsulated ductile iron wedge and engineered plastic guides to stabilize the wedge and prevent binding. Mueller Canada offers sizes from 2” to 54” with maximum working pressures ranging from 250psig (1725kPa/17 barg) to 350psig (2400kPa/24 barg). Connection options include: mechanical joint (MJ), flanged (FL), slip-on (SL), radial compression (RAD), and threaded (THD). Double disc gate valves are also available.



350psi Ductile Iron Resilient Wedge Gate Valve  
(Available 4” - 12”)



175-250 psi Ductile Iron Resilient Wedge Gate Valve  
(Available 14” - 54”)

## Butterfly & Check Valves

Mueller Canada supplies top-performing butterfly valves and a variety of check valves. Lineseal® butterfly valves are available in either ductile iron or cast iron. Butterfly valves open with less torque, lowering the cost of actuation. Sizes: 3” to 48” with working pressures to 250 psig (1725 kPa/17 Barg). Connection options include FL, SL, and MJ.

Mueller Canada offers 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 the valve does not have to be removed from the line for maintenance. Sizes: 2” to 36” and working pressures to 250 psig (1725 kPa/17 Barg).



Butterfly Valve



Check Valve



Flex Check Valve

## Composite Valve Box

Made of rugged yet light weight composite polymer material with a floating, self-leveling top, the Mueller® Valve Box (MVB) helps reduce installation and maintenance costs. On site, the box length can be easily adjusted to finished grade using ordinary hand tools. The box is one piece and has no joints so misalignment is a thing of the past. Because it’s lightweight, installation is easy and quick, and much safer to handle. Lastly, the MVB virtually eliminates damage to valve coatings.



MVB Composite Valve Box



Cast Iron Lid &  
Ductile Iron Adjustable Top



## Fire Protection Products (UL/FM)

Mueller Canada is a leader in providing high-quality commercial and institutional fire protection products, offering a broad range of carefully designed, durable, reliable and easily maintained fire protection products that are UL and FM compliant. Plus, all Mueller® products are backed by the company's expert technical support, superior service and ready parts availability. Mueller UL / FM fire protection products set the standard for performance and reliability.



Super Centurion® Hydrants



Canada Valve™ Century™



Monitor Style Super Centurion Fire Hydrant



PIV and O.S. & Y. Resilient Wedge Gate Valves



Wall and Post-type Indicator Posts



Check Valves



## Service Brass

Mueller Canada offers one of the broadest product lines for water service connections with distribution mains, service lines, and meters. Our extensive line complies with ANSI/AWWA C800, NSF/ANSI 61 (Annex G), NSF 372\*, and have received a Certificate of Conformity from the BNQ.

### Corporation Valves

Mueller® corporation valves from are available for virtually any service line installation. Products feature durable brass construction and a wide variety of outlet connection choices. Valve types include ball, plug, and ground key styles. Sizes: 1/2" to 2" with working pressures to 300 psig (2075 kPa/20 Barg).



Corporation Valve

### Curb Valves and Boxes

Curb valves & boxes from Mueller Canada feature an extensive line of products and a full range of box accessories, including shut-off rods, augers and keys. Curb valve styles include Mueller 300™ ball valves, Oriseal® plug and ground key types.



Ball Curb Valve



Curb Box

### Pipe Fittings

Service fittings from Mueller Canada 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 include Mueller 110®, Q-Line™/Kitec™, and other compression connections, Insta-Tite® stab-in, copper flare, threaded and other specialty connections. There's a style for virtually any application.



Mueller Grip Compression Connection



Mueller 110° Compression Connection



PackJoint Connection



Insta-Tite® Connection

\* Components in contact with potable water will also comply with the latest requirements of the Federal Safe Drinking Water Act.



## Meter Valves & Setters

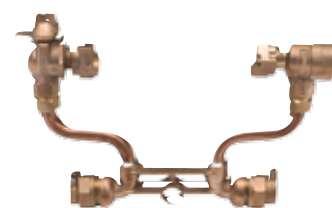
Meter setting materials from Mueller Canada include both copper and cast iron yokes in hundreds of configurations sure to fit any application. Styles include: adjustable yokes, meter relocators, various straight and angle meter valves, and ball valve, Oriseal® plug and ground key designs, in-line, angle and top entry dual check valves, cast iron meter boxes, meter couplings, pit and manhole covers, keys, locks, meter bushings and idlers.



Mueller® 300™ Ball  
Angle Meter Valve



Angle Meter  
Check Valve



Meter Yoke

## Meter Boxes

PVC meter boxes & vaults from Mueller Canada offer strength and light-weight construction, for shipping and handling convenience. They come fully assembled and factory tested. Many styles are available for single and tandem installations, as well as protection against extreme cold weather. Choice of iron or composite plastic lids, which allow radio AMR monitoring and are virtually transparent to R.F. signals. Bury depths: 10" to 120". Meter box sizes: 15" to 36" diameters.



Adjusta-Coil™ PVC Meter Box

## Service Saddles

Service saddles from Mueller Canada are available in bronze and ductile iron 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 the main and service line and feature an O-ring fit into a dimensionally-controlled groove, which eliminates creep and seal blowout, or need for a gridded mat type gasket.



Ductile Iron Service Saddles



Bronze Service Saddles

## Insulated Fittings

Insulated Fittings from Mueller Canada provide the quality, dependability and extended service life you have come to expect from all Mueller products. The insulating feature is offered in Mueller 300™ Corporation, Curb and Meter Ball Valves in various inlet and outlet configurations. These valves offer 300 psig working pressure rating. The nylon insulator is also available in straight service fittings in a number of inlet and outlet configurations. Insulated water meter couplings are also available.





## Machines and Tools

Mueller Canada offers 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" to 2" and are available in hand and power operated models, with drills and shell cutters matched to pipe type. Large drilling machines with hole ranges from 1-1/2" to 18-1/2" accommodate valves from 2" to 24".

Mueller® Drilling & Tapping Machines are used to tap water service lines with virtually any type and size of pipe. Products feature 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" to 2" corporation valve insertion.



B-101™ Drilling and Tapping Machine



A-3™ Drilling and Tapping Machine



“J”™ Drilling and Tapping Machine



D-5™ Drilling Machine



E-5™ Drilling Machine



Mega-Cut™ Drilling Machine



Tru-Cut™ Drilling Machine



PL-2™ Drilling Machine



Mega-Lite® Drilling Machine



CL-12™ Drilling Machine



C1-36-99002™ Drilling Machine





## Pipe Repair Products

Pipe Repair products from Mueller Canada are the right choice for emergency repair of water main or service line breaks and leaks. For making line connections, Mueller® service saddles are available in bronze, ductile iron, and stainless steel. All saddles form a tight connection between the main and service line and feature an O-ring fit into a dimensionally controlled groove, which eliminates creep and seal blowout. Different designs are available for use on any type of pipe material or size of main.

Mueller all-stainless steel style pipe repair clamps are an ideal solution for emergency repair of water main or service line breaks and leaks. Mueller Canada offers finger-lug, a unique ultra-low profile design for tight spaces, or ductile iron finger lug styles. Sizes: 1/2" to 36" diameter and larger (by special order).

Tapping products include Mueller tapping sleeves and crosses in ductile and cast iron, as well as sleeves in stainless steel. Most tapping sleeves and crosses cover a pipe size range of up to 24" and valves up to 48".



Stainless Steel Repair Clamps



Mini-Band™ Pipe-Saver® Clamps



Maxi-Range Pipe Coupling



Stainless Steel Tapping Sleeves



Fabricated Steel Tapping Sleeves



## Automatic Flushing Systems

The Hydro-Guard® product line revolutionized the Water Distribution industry in 1998 with the introduction of automatic, programmable flushing systems. Designed to allow public and private Water distribution Utilities to maintain more consistency in the level of chlorine residual in water distribution lines, especially at the dead-end, the Hydro-Guard automatic flushing system utilizes a time-based schedule to flush when water usage is traditionally lower or when the residual level is at its lowest.

### Temporary (Portable)

Hydro-Guard HG-6 automatic flushing system takes automatic and programmable flushing capabilities anywhere in the water distribution system where a fire hydrant is available. It's portable and adjustable so it can be connected to the hose nozzle of any brand of fire hydrant. It is the perfect solution for temporary or emergency flushing needs.

### Permanent

Hydro-Guard permanent flushing systems fully automate the process for flushing water distribution lines. The units are designed to operate reliably in a wide variety of climates. Designed for use with an integrated multi-event programmer, Hydro-Guard systems can flush a water line multiple times per day, seven days per week, with flush durations ranging from one minute to four hours per program. Water can be discharged atmospherically or direct into a pond or storm sewer.



HG-3



HG-6



HG-4



HG-8

## Remote Pressure Monitoring System

The Remote Pressure Monitoring System from Mueller Co. is a user friendly and cost-effective technology to continuously and remotely monitor pressure at any point within a potable water distribution system. The technology involves threading a sensor onto a corporation valve to transmit pressure readings. The pressure sensor, reports at user-defined intervals via cellular service and a secure web server.



Roadway & Sidewalk Installation



Meter Vault Installation

# Mueller Canada

Reliable Connections<sup>®</sup>

**1857**

Hieronymus Mueller arrives in Decatur, IL and opens a business

**1912**

Mueller opens first Canadian plant in Sarnia, Ontario

**1963**

A second Canadian plant was acquired in St. Jerome, Quebec.

**1969**

Mueller 110<sup>®</sup> compression connection is patented.

**1974**

Patent issued for Insta-Tite<sup>®</sup> stab connection for plastic water lines.

**1985**

Mueller purchased the Canada Valve Company in Milton, Ontario.

**1988**

Sarnia and Milton operations merged and moved into a new facility in Milton.

**2006**

Canadian headquarters were moved from Milton to Barrie, Ontario.

**2007**

A new warehouse was opened in Calgary, Alberta to service customers in western Canada.

**2011**

Mueller acquires Echologics<sup>®</sup> advanced leak detection of Mississauga, Ontario.

**2012**

Mueller celebrates 100 years in Canada.

**2014**

Mueller Co. acquired Lined Valve Company, adding Knife Gate Valves to its product line.

**2014**

Mueller Co. introduces the 350psi Super Centurion<sup>®</sup> Fire Hydrant and Resilient Wedge Gate Valve. Remote Pressure Monitoring System is introduced.

**2017**

Mueller Co. acquired Singer Valve.





## Delivery and Service

The capacity to deliver the widest array of products and stand behind those products to ensure your satisfaction is our strength. The success of Mueller Canada is dependent upon the success of those who are involved, both inside and outside our company. Therefore, we feel our future is wholly dependent on long-term relationships with our employees, customers, and suppliers. This is why we strive to be proactive and responsive to their needs, always looking for a “better way”. It is an approach that has set Mueller Canada and its affiliates apart since 1857 and will assure our mutual achievement and prosperity in the future.

Mueller Canada’s distributors inventory extensive stocks, helping to assure ready availability. Our sales representatives strategically located around Canada, are always ready to provide application and installation assistance and help with any special issues.



● Mueller Sales and Customer Service

▲ Mueller Operations

▲ Affiliate Operations

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*For more information about Mueller Canada, or to view our full line of water products, please visit [www.muellercanada.com](http://www.muellercanada.com) or call Mueller Canada Customer Service at 1.705.719.9965.*



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