

A.Y. McDonald

CONNECT



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Caring for each other while caring for the Boss

by Scott Knapp

Often in these articles I get the opportunity to brag about the various ways in which our co-workers go the extra mile to ensure that you, our Boss, is cared for each and every day, each and every request, each and every order, each and every time. Our motto is The Customer is the Boss. We believe that without YOU there would be no US so it is up to us as co-workers to take care of our Boss.

Despite the COVID-19 pandemic that has upended all our lives, this focus has not changed. It has, however, brought to the forefront the fact that taking care of the boss requires a work environment that is healthy and safe for everyone. During these times, we have learned new and innovative ways for us to care for each other as co-workers. Like you, the work we do is deemed essential and we have an obligation to continue to support the industries we serve. In order to be able to do that, to take care of you, we must take care as co-workers first.

The vast majority of our non-production staff are currently working from home, including 100% of our customer service team. Even though we're physically apart, we stay connected to ensure that every request, every call, and every order is handled with the same care you have come to expect from A.Y. McDonald. We've also taken tremendous steps around social distancing, cleaning and disinfection, and staggering our workforce to ensure the safest possible environment for our co-workers who are part of the production process.

The work being done by A.Y. McDonald co-workers is truly a testament to how much we care about each other and about how much we care about taking care of you, our boss. Each day brings new challenges and each day I am reminded how fortunate I am to have such a caring team to work with. By being here for each other, we are making ourselves able to continue to be here for you.

Be safe, stay healthy!



Introducing A.Y. McDonald's New Interactive Digital Product Catalogs

A.Y. McDonald recently launched a new system/service that takes static PDFs to interactive digital catalogs. This upgraded catalog system brings more functionality to the process, can be viewed on all devices (desktop, tablet, mobile PC vs. MAC, etc.), and you are no longer required to download a massive PDF document (although this is still an option)!

You can access the new digital catalogs in the same spot as they've always been. Simply visit aymcdonald.com, click on 'Support', then click on 'Resources' (<https://aymcdonald.com/page/resources>), and you will find the catalogs under the 'Brochures' section.




Innovation

E-SERIES DuraMAC BOOSTER PUMP
LAUNCHED
NOVEMBER 2017
E-Series
INNOVATION CENTER



TELESCOPING METER FLANGE
LAUNCHED
NOVEMBER 2017
Patent Pending
INNOVATION CENTER



A.Y. McDONALD WEBSITE
LAUNCHED
NOVEMBER 2017
With online ordering capabilities
aymcdonald.com
INNOVATION CENTER



ADJUSTABLE METER PIT
LAUNCHED
JUNE 2018
INNOVATION CENTER



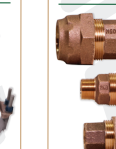
INTEGRAL CORP/SADDLE
LAUNCHED
JUNE 2018
INNOVATION CENTER




NO-LEAD SADDLE
LAUNCHED
JULY 2018
INNOVATION CENTER



RANGER FITTINGS
LAUNCHED
APRIL 2019
INNOVATION CENTER



METER SET ASSEMBLIES
LAUNCHED
APRIL 2019
INNOVATION CENTER



MAGNETIC LIDS
LAUNCHED
APRIL 2019
INNOVATION CENTER




Innovation News

Innovation's Role in the Creation of A.Y. McDonald's Training Truck

It is no secret that A.Y. McDonald's Innovation Center specializes in the creation of products that make our customer's lives easier. However, what some don't know is that our Innovation Center has also played a role in the existence of services that have led to the same results as well. One example of this would be the A.Y. McDonald Training Truck.

A big part of the success of the Innovation Center lies in first listening to customers' needs. Upon doing so, it became apparent a number of years ago that there's a lack of training in the industries we serve. Although the Innovation Department was focused on new product development at the time, they put their own agenda on hold in order to help bring life to this idea, which led to the successful launch of the A.Y. McDonald Training Truck in 2017. Since then, our training truck and product training coordinators have been traveling across the country where they conduct training sessions on how our products work and share tips and tricks from the field.

Innovation is not always a product or widget to sell. That's why, when customers said training was a pain point for them, A.Y. McDonald's Innovation department stepped in to help provide a valuable service to customers and the outcome has been tremendous!





Industry News

Building Water Efficient Cities Requires Collaboration

Maintaining efficiency with water use in large cities starts with a lot of planning. City planners and water managers use many variables to predict how much water their growing communities will consume. This method largely focuses on how water use is influenced by the built environment, such as what the materials are made out of, what the land cover consists of, the arrangement of buildings, and what kind of buildings there are.

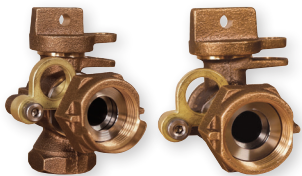
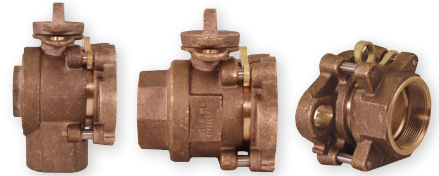
https://www.mswmag.com/online_exclusives/2019/09/building-water-efficient-cities-requires-collaboration

New Products

Telescoping Meter Flanges – Additional Sizes



A.Y. McDonald is happy to announce the addition of the patent pending Telescoping 1 1/2" Meter Flange Ball Valve and the 7E610 Telescoping 2" Meter Flange x FNPT Adapter. Thanks to a movable meter flange, an extra 1/4" of space becomes available, making meter installation and replacement easier than ever! This solution contains two internal EPDM O-rings that seal the telescoping flange to the body and four 304 stainless steel shoulder bolts that retain the flange at full extension, which also guides the telescoping action and contributes to the robust design. <https://aymcdonald.com/search?query=telescoping+meter+flange>



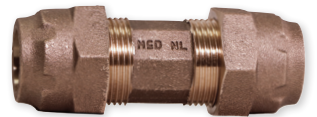
3/4" and 5/8" x 3/4" Telescoping Swivel Meter Nut Valve

A.Y. McDonald's Innovation Center has done it again – this time in the form of a 3/4" and 5/8" x 3/4" Telescoping Swivel Meter Nut Valve. The appeal of this product lies in the movable meter nut that allows for an extra 1/4" space to become available, making meter installation and replacement easier than ever. Rest assured that the basic specs for the Telescoping Swivel Meter Nut Valves are the same as their fixed counterparts, meaning the 7E4644B 3/4" matches 74644B 3/4" and the 7E6101MW 3/4" x 5/8" x 3/4" matches 76101MW 3/4" x 5/8" x 3/4".



Ranger Fitting – Additional Options

In 2019, A.Y. McDonald introduced the innovative Ranger Fitting, which not only saves time but also reduces inventory by replacing up to 99 compression connections. Since then, over 40 new Ranger Fitting products have been released or are soon to be released. At the end of the day, this product can be assembled onto multiple ranges of 3/4" or 1" nominal pipe diameters from CTS up to PVC, allowing the user to do more with less!



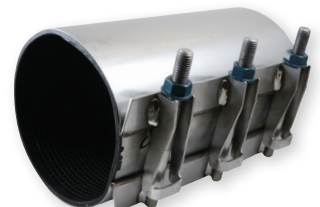
<https://aymcdonald.com/search?query=ranger+fitting>

Blog

A.Y. McDonald Stainless Steel Repair Clamps to the Rescue

With over a million miles of water main pipes located in the United States, chances are that, at any given moment, a water main or service line could leak, split, break, or crack. By creating the appropriate amount of pressure over the area of a water main or service line, a stainless steel repair clamp will stop a leak in its tracks. Learn about the components that make this solution possible in the first place.

<https://aymcdonald.com/post/ay-mcdonald-stainless-steel-repair-clamps-to-the-rescue>





Industry News

Gigantic Aquifer Discovered in Northeast United States

While hinted at in the 1970's, scientists have finally confirmed the discovery of a gigantic aquifer of freshwater trapped in porous sediments under the seabed. While there are theories as to how this water got to where it is, it's worth knowing that these 15,000 square miles of freshwater can be extracted if necessary. https://www.tpomag.com/online_exclusives/2019/07/scientists-map-huge-undersea-freshwater-aquifer-in-northeast-u-s



Featured Video

Submersible Control Box Component Testing

There are a number of necessary procedures that need to be performed prior to testing submersible motor control box components. Follow along with A.Y. McDonald's Product Engineer, Quinn McCullough, as he performs these tests and explains the behavior of the multi meter reading to each component. https://youtu.be/N_6S962muQU

For more information on the topic, take the 'Submersible Control Box Component Testing' AYU course. <https://aymcdonald.com/#/online-courses/8f02ab8e-c405-435a-afb1-5825df4cecee>

Featured Products

5030CVSP Sump Pump

Get your home ready for spring with A.Y. McDonald's 5030CVSP Sump Pump. With a rugged cast iron construction, the 5030CVSP can handle up to 46 gallons per minute and lift water up to 25 feet of vertical height. This long-lasting pump also contains a vertical float switch, non-clogging stainless-steel impeller, and a split capacitor motor that is thermal protected. <https://aymcdonald.com/search?query=6190-148>



5033CVSP Sump Pump

A.Y. McDonald is full of options, which is where the 5033CVSP Sump Pump comes in handy. This product is constructed of rugged cast iron and can handle up to 60 gallons per minute. The 5033CVSP proves to be long lasting with its vertical float switch, clog resistant impeller, and its ability to lift water up to 25 feet of vertical height. In addition, the pump contains a split capacitor motor that is thermal protected. <https://aymcdonald.com/search?query=6190-149>

Blog

Follow the Water

Oxygen and water are two necessary elements that need to be present in order for humans to survive. By digging a rod water well through the ice on Mars, this brings us one step closer to finding another planet to inhabit. Learn more about what this opportunity means for the well water pump industry and humanity as a whole.

<https://aymcdonald.com/post/follow-the-water>





Industry News

Four Reasons to Consider a Career in the Plumbing and Heating Supply Industry

The plumbing and heating supply industry may not be for everyone but there are a number of reasons why working in this industry stands out from the rest. The ability to work across multiple disciplines and being part of an ever-changing, recession-proof industry are just part of the appeal of obtaining a career in this trade.

<https://www.plumbermag.com/how-to-articles/residential-commercial-fixtures-plumbing/4-reasons-to-consider-a-career-in-the-plumbing-and-heating-supply-industry>

From Toilet to Tap

Direct potable water reuse is on the rise and being branded as 'Toilet to Tap'. This is just one of the ways organizations, municipalities, and utilities are changing the public perception when it comes to water reuse. In the hopes of preserving this resource in the long run, water reuse is a step in the right direction!

https://www.tpomag.com/online_exclusives/2019/10/changing-minds-how-the-industry-is-gaining-public-trust-in-water-reuse



New Products

No-Lead Loose Key No-Kink Hose Bibbs

Opt for an even safer plumbing system with A.Y. McDonald's new No-Lead Loose Key No-Kink Hose Bibbs. While certified to all applicable standards, the loose key design of this solution allows for ease of operation and positive shut off. The No-Lead Loose Key No-Kink Hose Bibb is ideal for residential and commercial applications and each hose bibb is constructed of heavy-duty no-lead brass. Rest assured that it comes available in both FNPT and MNPT inlets x MGHT.

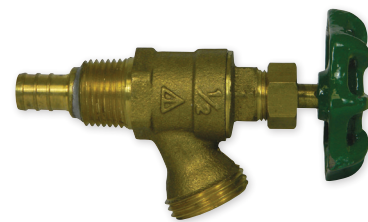
<https://aymcdonald.com/products/plumbing/plumbing-valves?Subcategory=Hose+Bibbs>



72008P No-Lead Boiler Drain

A.Y. McDonald is excited to announce the addition of the 3/4" size of 72008P to our plumbing boiler drains. Available in MNPT/PEX x MGHT, this valve contains no-lead brass material and is recommended for residential and commercial applications. In addition, experience a positive shut-off with various inlet configurations.

<https://aymcdonald.com/search?query=5420-200>



Blog

The Starting Point to Finding the Right Piping Material for the Job at Hand

Plumbing pipes date as far back as 4000-3000 B.C when copper pipes were utilized by Egyptians. While there are many piping materials that plumbers can choose from, there may be just one that's perfect for the project at hand. Make your job easier by getting familiar with each material's features and benefits.

<https://aymcdonald.com/post/the-starting-point-to-finding-the-right-piping-material-for-the-job-at-hand>





Industry News

Researchers Invent More Efficient Natural Gas Vehicle Storage Tanks

The United States possesses large reserves of natural gas but this fuel powers few of the country's vehicles, due partly to storage limitations. Researchers are ready to bring life to the idea of a less expensive and more efficient gas storage system that involves creating a fuel that is a mix between CNG and LNG. The only thing stopping this concept from going into creation is obtaining funding from the U.S. Department of Energy. <https://news.psu.edu/story/606400/2020/02/03/research/department-energy-grant-powers-research-natural-gas-vehicle-storage>

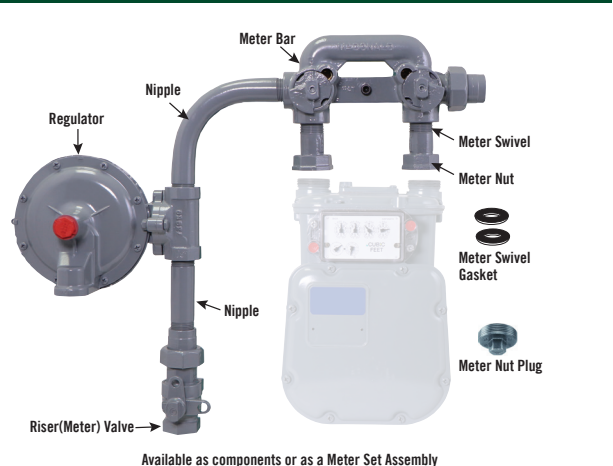
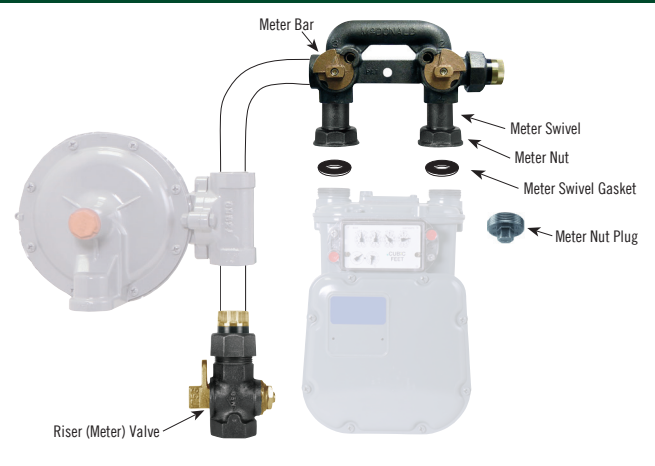


Featured Product

Meter Set Assemblies (MSAs)

In 2019, A.Y. McDonald's natural gas product line introduced meter set assemblies (MSAs), which allow us to provide our manufactured components that make up a gas meter set assembled into one unit. Adding this solution means that the customer receives consistent timelines and a quality finished product, along with open communication from our team to theirs and electronic testing for safety. A.Y. McDonald's MSAs bring a streamlined and efficient process to gas meter set installation like never before! <https://aymcdonald.com/post/gas-meter-set-assemblies-created-the-ay-mcdonald-way>

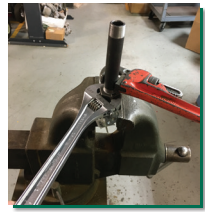
WHERE WE LIVED... WHERE WE LIVE NOW



Blog

The Gas Expert's Guide to Creating a Gas Tight Seal with NPT Thread

When dealing with natural gas, safety is always a top concern. One way in which both safety and efficiency can be optimized is by creating a proper gas tight seal at the gas meter set. Prevent damaged or nicked threads, unsuitable use of thread sealant, and improper use of wrenches by following these tips and tricks when creating a gas tight seal with NPT thread. <https://aymcdonald.com/post/the-gas-experts-guide-to-creating-a-gas-tight-seal-with-npt-thread>



Correct use of wrenches when tightening



Improper tightening with wrenches