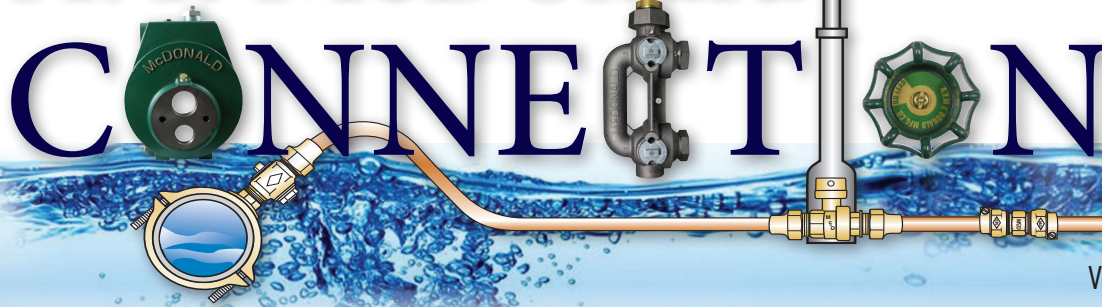


A.Y. McDonald



Volume 3, No. 7 | Fall / Winter 2019



Everyday Heroes

by Scott Knapp

Picture this: it's Thanksgiving and you just sat down to eat with your family. Right when you're about to dig into the turkey on your heaping plate, you get a phone call about how a water main just burst in the middle of downtown and water is currently swimming up the street and wreaking havoc on the buildings along the way. You immediately get up, apologize to your family, and spend the next six hours cold, dirty, and deep within a trench in the quest to fix the break and alleviate the damage caused by the situation.

The municipalities, utilities, contractors, and plumbers that all use A.Y. McDonald products make their lives uncomfortable in order to make the end user's life comfortable. And while our customers may serve different industries and handle different products, they all have one thing in common and that's the fact that they are everyday heroes. These same everyday heroes are those who we call our Boss and also who we have spent the past 163 years providing solutions for.

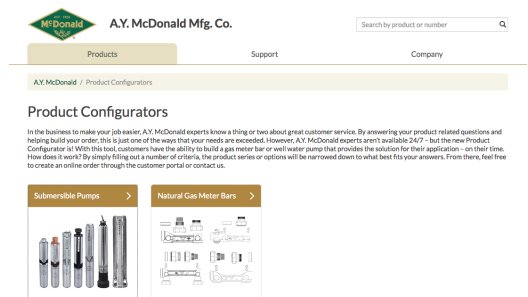


Your job can be dirty, thankless, and time consuming but just know that A.Y. McDonald notices this and, therefore, have made it our mission to make your day easier, cleaner, safer, and more comfortable – just like the end users you serve. In addition to our products themselves, the existence of our Innovation Center, Traveling Training Trucks, A.Y. McDonald University, Product Configurator, Product Cross Reference Tool, Customer Portal, and even this newsletter are all examples of how we've put actions behind our words when it comes to bettering the bosses' job.

Successfully bringing access of water and gas to communities is no easy task. At A.Y. McDonald, we truly respect those who do whatever it takes to get the job done, 24/7 and 365 days a year. Whether this means sitting in the bottom of a ditch, working in the midst of a thunderstorm, or being on call Thanksgiving morning – someone's got to do it. We're just proud that this 'someone' is also the customer – our Boss!

Product Configuration for the Twenty-First Century

A.Y. McDonald experts know a thing or two about providing great customer service. However, we aren't available 24/7 – but the new Product Configurator is! With this tool, have the ability to build a gas meter bar or well water pump (water meter setters coming soon) that provides the solution for your application – on your time. <https://aymcdonald.com/configurator>




Come See Us In Person at an Upcoming Show!

A.Y. McDonald may be coming to a town near you. Below is a list of upcoming conferences our experts will be attending from all over the country. Visit the trade shows section of our website to view a frequently updated list of events. <https://aymcdonald.com/post/ay-mcdonald-tradeshows>

GA Association of Groundwater Professionals Annual Show - Hartwell, GA	Sept. 27 - 28	Illinois Rural Water North Conference - Taylorville, IL	Oct. 22 - 23
Iowa Rural Water Association Trade Show - Newton, IA	Oct. 15 - 16	Alliance of Indiana Rural Water - 2019 Fall Conference - Franklin, IN	Oct. 23 - 24
Service World Expo - Las Vegas, NV	Oct. 15 - 18	MO MRWA Fall Show - Ashland, MO	Oct. 29 - 31
ASPE Trade Show - Media, PA	Oct. 17	NGWA National Ground Water Assn Expo - Las Vegas, NV	Dec. 2 - 5
Van Marcke Trade Show - Phoenix, AZ	Oct. 18 - 19	FL AWWA Show - Championsgate, FL	Dec. 8 - 12

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

INNOVATION CENTER
BY A.Y. McDONALD

TELESCOPING METER FLANGE
LAUNCHED
NOVEMBER 2017
Patent Pending

INNOVATION CENTER
BY A.Y. McDONALD

A.Y. McDONALD WEBSITE
LAUNCHED
NOVEMBER 2017
With online ordering capabilities

aymcdonald.com
INNOVATION CENTER
BY A.Y. McDONALD

ADJUSTABLE METER PIT
LAUNCHED
JUNE 2018


INNOVATION CENTER
BY A.Y. McDONALD

INTEGRAL CORP/SADDLE
LAUNCHED
JUNE 2018

INNOVATION CENTER
BY A.Y. McDONALD

NO-LEAD SADDLE
LAUNCHED
JULY 2018

INNOVATION CENTER
BY A.Y. McDONALD

RANGER FITTINGS
LAUNCHED
APRIL 2019

INNOVATION CENTER
BY A.Y. McDONALD

METER SET ASSEMBLIES
LAUNCHED
APRIL 2019

INNOVATION CENTER
BY A.Y. McDONALD

MAGNETIC LIDS
LAUNCHED
APRIL 2019

INNOVATION CENTER
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Innovation News

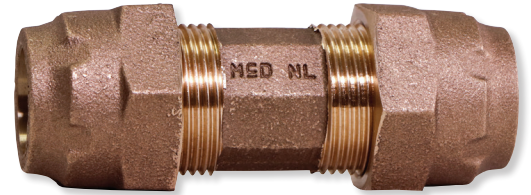


Fast Connect Fitting Patent Gets Approved

In 2017, A.Y. McDonald released an innovative product called the Fast Connect Fitting. The dual thread design of this fitting allows it to behave like a standard three part coupling but with one-third the amount of rotations required. Due to the unique qualities that surround this product, we're proud to say that the Fast Connect Fitting has recently gone from 'Patent Pending' to 'Patent Approved'! While A.Y. McDonald is no stranger to getting patents approved, this one in particular stood out as the Fast Connect Fitting is one of the first products to stem from the Innovation Center.

The Ranger Fitting Continues to Set New Records

Earlier this year, A.Y. McDonald launched the innovative Ranger Fitting. This product stands out as it not only saves the user time but the design of this wide-range fitting also reduces inventory by replacing several compression connections. It turns out that customers are catching word of this product, making it the most successful product to come from the Innovation Center to date! We can't wait to see what other milestones the Ranger Fitting will set.



Submit Your Ideas!

Without you, the A.Y. McDonald Innovation Center would cease to exist. Our Department thrives on feedback received from the customer. In fact, concepts such as the Training Truck, Online Ordering, and Ranger Dual Check Valve wouldn't be in existence today if it wasn't for your help.

So do you have an idea or a problem you want solved? Submit these to Kelly Breitbach, our Innovation Product Manager, at innovations@aymcdonald.com. Our goal is to provide you with new solutions that add value and we can't wait to hear from you!



Industry News

High Tide Flooding and Sewer and Water Systems

High tide flooding in coastal areas affects shorelines, streets, and basements, which also impacts sewer and water systems. With high tide predicted for the remainder of 2019 and years to come, utilities and municipalities may want to look at taking measures that will deter these effects.

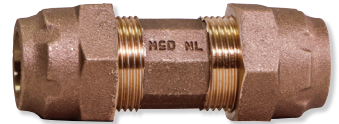
https://www.mswmag.com/online_exclusives/2019/07/nation-ties-record-for-high-tide-flooding-days-in-2018?alert_1381

New Products

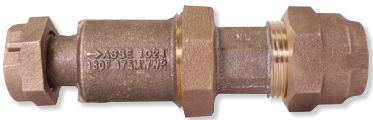


1" Ranger Fitting

How do you make an innovative product even more desirable? Add more options! A.Y. McDonald's Ranger Fitting is now available in a 1" size option, which is in addition to the 3/4" size. The unique design of the Ranger allows it to assemble onto multiple ranges of 3/4" or 1" nominal pipe diameters from CTS up to PVC. It not only saves time, but this wide-range fitting also reduces inventory by replacing up to 99 compression connections. <https://aymcdonald.com/search?query=ranger+fitting>



3/4" Female Meter Swivel Nut x 3/4" Ranger Inline Dual Check



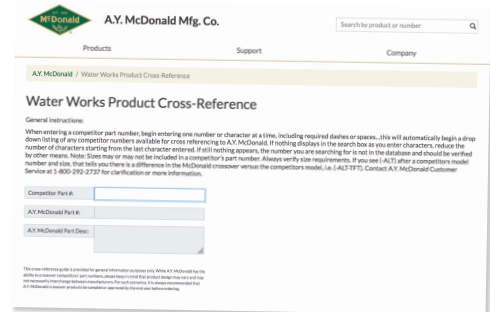
A.Y. McDonald's inline dual check valves protect the public water supply by preventing the reverse flow of water from the building back into the water main. By adding the 3/4" Ranger connection onto the outlet side of the inline dual check, it takes the guess work out of your meter change out project where dual checks are required. <https://aymcdonald.com/series/29116>



New Features

Product Cross-Reference Tool

With just a handful of reputable water works manufacturers in North America, keeping the lines of communication open amongst competitor products ensures that you're receiving the best solution possible. A.Y. McDonald manages to bring even more transparency to the process with our new product cross reference tool, which allows you to perform a product comparison on your own time with your desktop, tablet, or mobile device. <https://aymcdonald.com/page/product-cross-reference-tool>



Blog

How to Address a Curb Box That Has Creeped Above Grade Level

With the majority of its components located underground, troubleshooting a curb box requires knowledge and expertise. Therefore, if a utility or municipality notices this part has risen above the ground or sidewalk seemingly all by itself, we've got you covered.

<https://aymcdonald.com/post/how-to-address-a-curb-box-that-has-creeped-above-grade-level>





Industry News



Aerial Imaging Comes to the Groundwater Industry

Water well contractors and farmers have started to utilize aerial imaging as a tool for scouting an agricultural field or a well site, which is often completed with a drone or airplane. According to the facts, some think that aerial imaging is here to stay and will become a part of life in the next ten to fifteen years. What do you think?

<https://waterwelljournal.com/worth-a-thousand-words/>

Featured Products

E-Series Booster

When your boosting needs require an all stainless steel pump and fittings, A.Y. McDonald's DuraMAC™ E-Series Stainless Steel Water Pressure Boosting System is the solution for the job. This stainless steel version of our proven DuraMAC™ Booster pump line will meet the needs of boosting water pressure from Reverse Osmosis (RO) systems, low PH, and other aggressive water applications which would be corrosive to no-lead brass and metal pipes. This DuraMAC™ Booster turns on with flow and off with flow with no need to change or adjust settings. This booster system is available with a 35 PSI or 52 PSI boost.

<https://aymcdonald.com/search?query=E-Series+&categories%5B%5D=Booster+Pumps&subcategories%5B%5D=DuraMAC+Booster+control+box&subcategories%5B%5D=Residential>



E-Series 8350HP Jet

Get water from point A to point B easier than ever with A.Y. McDonald's 8350HP High Pressure E-Series Jet Pump. Available in 1/2 HP with pressures to 80 PSI and flows up to 11 GPM, this solution also provides an easy switch between 115V and 230V. The pump contains a 1 1/4" inlet and 1" outlet. <https://aymcdonald.com/series/27704>

Blog

Well Water Testing 101

There is no question that water is the most important resource that keeps us alive. Therefore, for the 13 million U.S. households currently relying on private wells for drinking water, maintaining a clean source should be top priority. Find out about the ins and outs of well water testing.

<https://aymcdonald.com/post/well-water-testing-101>





Industry News

Don't Run From New Technology

It's 2019 and digital technology is clearly here to stay. In regards to the plumbing industry, plumbing companies need to think about upgrading tools and devices, especially investing in smart devices. Learn how simply embracing technology can better a business in the long run.

<https://www.plumbermag.com/how-to-articles/smart-iot-things-technology/technology-can-be-scary-but-why-run-from-it>



New Products



2300EXR Expansion PEX Ring

Plastic Cold Expansion PEX Rings are required, along with an expansion tool, in order to make a proper expansion PEX connection. McDonald's 2300EXR Expansion PEX Ring conforms to ASTM F1960, comes in multiple sizes, and is ideal for any potable plumbing or radiant heat application with the use of PEX-A tubing. <https://aymcdonald.com/series/29053>

Featured Products

Press Fit Fittings

Through the use of flexible, flame free, and simple copper tubing, a plumber has access to A.Y. McDonald's Press Fit Fittings. This connection method provides an easy, speedy, and reliable installation that results in secure and permanent connections, not to mention an aesthetically pleasing job. No-Lead Press Fit Fittings are created with patented leak detection technology that allows for excellent visual indication of non-pressed joints prior to testing.

<https://aymcdonald.com/products/plumbing/fittings?Subcategory=Press+Fit>



Blog

PEX Crimp Fittings vs. Expansion PEX Fittings

PEX fittings are available in many different connection methods which vary from manufacturer to manufacturer. While the features, benefits, and connection process for most of these methods are self-explanatory, those new to the industry may not quite grasp the differences between PEX crimp fittings and expansion PEX fittings. Find out how they differ. <https://aymcdonald.com/post/pex-crimp-fittings-vs-expansion-pex-fittings>





Industry News

Turning Natural Gas Into Fuel Just Became Cheaper

Compared to coal and crude oil, natural gas is a much less carbon-intensive fuel. Due to this fact and many others, natural gas is an obvious choice for an alternative to oil-derived liquid fuels for the use of transportation. Processing this fossil fuel into liquid may be tricky but the long-term benefits of doing so make the situation a win-win. Find out how researchers are looking to turn this dream into reality. <https://oilprice.com/Energy/Natural-Gas/Turning-Natural-Gas-Into-Fuel-Just-Became-Cheaper.html#>



New Products

Gas Meter Set Assemblies

You spoke and we listened. A.Y. McDonald has been making meter set assemblies for the water industry a long time but, for the first time ever, we're now making them for gas. Earlier this year, 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 will receive consistent timelines and a quality finished product, along with open communication from our team to theirs and electronic testing for safety. <https://youtu.be/VgXz9mw6y64>

Learn more about the MSA production process, better understand the decision to join this part of the market, and get to know the investments involved in this project at A.Y. McDonald University (AYU). <https://aymcdonald.com/#/online-courses/8a4997ea-bed0-4891-8d8a-b64698b9d2ef>



Blog

How the Natural Gas Distribution Industry Conquers Corrosion

Creating an efficient and long-lasting product is the end goal for manufacturers. While every industry experiences obstacles that may interfere with fulfilling this prophecy, not every industry goes to such great lengths to deter the effects of them. When it comes to corrosion on parts surrounding the gas meter, the natural gas distribution industry is no stranger to investing in corrosion prevention and repairs. <https://aymcdonald.com/post/how-the-natural-gas-distribution-industry-conquers-corrosion>

