

## Commitment to our Boss Leads to Expansion

by Scott Knapp



162 years in the business and A.Y. McDonald still finds new ways to take care of the boss – our customer. From product creation to training opportunities, there is no limit to how far we will go to make your job easier. To that end, our success is also your success. The recent announcement of the expansion to our Elizabethton, TN location is living proof to this fact.

In 1999, A.Y. McDonald opened our plant in Elizabethton, TN. This facility allowed us to firmly plant stakes in the east and complimented our Iowa manufacturing facilities located in Dubuque and Albia, IA. We grew quickly and expanded Elizabethton just four years later, doubling its size. In order to accommodate our current growth and new product initiatives, we are expanding again and adding 100,000 square feet of production space. The groundbreaking ceremony for this latest addition took place on July 2, 2018 and the tentative completion of this project is set for early first quarter of 2019.



A.Y. McDonald Elizabethton, TN facility

Not only is A.Y. McDonald physically growing but our ability to show our commitment to the customer continues to grow as well. Innovative product solutions, traveling training experts, A.Y. McDonald University (AYU) online training, a robust YouTube library, and e-commerce for our distribution customers are all recent examples of how we continue to find ways to bring you more value.

It's sometimes hard to believe that so many new projects and initiatives could be coming from a company that has been around since 1856. However, as the years go by and our products and resources evolve, one thing does remain constant: our commitment to you, the customer. This is an exciting time for A.Y. McDonald and it has all been made possible through your continued support. Thanks, Boss!

## A.Y. McDonald Training Truck 2.0



Due to the vast amount of positive feedback from last year's introduction of A.Y. McDonald's Training Truck and Mike Spriggs, another truck and Product Training Coordinator have been added to the A.Y. McDonald Family. As the driver behind the wheel, Calvin Williams comes to our company with over two decades of experience in the water industry in the Tulsa, OK area. Thanks to this additional position, Mike Spriggs is traveling throughout the eastern portion of the country while Calvin is traveling the western portion.



## 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>

WATERPRO (National Rural Water Assn) Expo – Fort Worth, TX	Sept. 18 - 20	IL RWA Northern Conference – Rockford, IL	Oct. 23 - 24
GAGWP Annual Conference & Exhibit – Savannah, GA	Sept. 21 - 23	FL AWWA Conference – Orlando, FL	Nov. 25 - 29
ASPE Expo – Atlanta, GA	Sept. 30 - Oct. 2	NGWA National Ground Water Assn Expo – Las Vegas, NV	Dec. 4 - 6
CWWA - Jamaica	Oct. 8 - 12		



## Innovation News

### Meet the Innovation Team

While it takes the collaboration of many A.Y. McDonald employees to create innovative products and solutions, there are only a few of us who work full time at the Innovation Center. Since this past April marked the second anniversary of our Innovation Center, we figured it is about time you met the team:



#### Kelly Breitbach

Product Manager  
A.Y. McDonald Mfg. Co.

- Mom of three
- Plays volleyball
- Has an irrational fear of bats



#### Sebastian Yaklin

Engineer  
A.Y. McDonald Mfg. Co.

- Has a son named Max
- Woodworking enthusiast
- Became a coffee drinker two weeks ago



#### Tyler Peterson

Engineer  
A.Y. McDonald Mfg. Co.

- Has three very wild children
- Compulsive gardener
- Dreams of retiring on Mars

### Innovative Thoughts Are Born at A.Y. McDonald's Innovation Summit



## INNOVATION SUMMIT

Over recent years, A.Y. McDonald has held a number of Innovation Summits, one of which just took place at our founding city, Dubuque, IA. At this event, a select group of customers came together to share some of their most pressing challenges and needs. From there, solutions are created through innovative practices based off the insight gained at the summit.

Allowing customers to guide our innovation strategy and the projects we tackle allows A.Y. McDonald to contribute new solutions to the market that truly make a difference. This forum has yielded a great deal of value in the past and we can't wait to bring some of these ideas to life!

As a reminder, please continue to submit any ideas you have for an innovative product or service to [innovations@aymcdonald.com](mailto:innovations@aymcdonald.com).





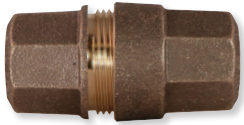
## Industry News

### Baby Boomer Retirements Leave a Widening Employment Gap in Water Sector

The recent and upcoming retirement of baby boomers will lead to the disappearance of nearly half the water workforce as a worst-case scenario. Find out what this widening employment gap will mean for the water sector and how raising awareness of water careers can help resolve the issue.

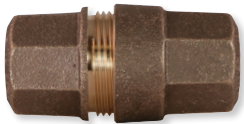
[https://www.mswmag.com/online\\_exclusives/2018/07/baby-boomer-retirements-leave-a-widening-employment-gap-in-water-sector?alert\\_1381](https://www.mswmag.com/online_exclusives/2018/07/baby-boomer-retirements-leave-a-widening-employment-gap-in-water-sector?alert_1381)

## New Products



### Fast Connect Fitting 3/4" and 1" for PEP ASTM D2239 SIDR 7

Proven that it is here to stay, the Fast Connect Fitting options have expanded to include 3/4" and 1" for PEP ASTM D2239 SIDR 7 tubing. Behaving just like a standard three part coupling but with one-third the amount of rotations required, the secret to this innovative product lies within the assembly itself and its dual thread design. Please note that insert stiffeners are required when used with PEP. <https://aymcdonald.com/series/27677>



### Larger Sizes Fast Connect Fitting 1 1/4", 1 1/2", and 2"

Now able to accommodate larger sizes, A.Y. McDonald's Fast Connect Fitting is available in 1 1/4", 1 1/2", and 2". The Fast Connect Fitting is used where standard couplings are necessary but installers are looking for a quicker installation and a leak free joint. In addition, even though the brass components in this design should never touch water, it is a No-Lead Brass product. Please note that insert stiffeners are required when used with CTS PE. <https://aymcdonald.com/series/27360>



### 4.75" Long Repair Coupling for CTS, PEP, PVC, or IP



Repair couplings connect two pieces of tube or pipe together where there is an excessive gap between two pieces of tube or pipe. Introducing the new 4.75" Long Repair Coupling for CTS, PEP, PVC, or IP, this solution allows even more flexibility for repairs in the field. The coupling also contains no internal pipe stops so the part can slide over and then back on the tube or pipe. <https://aymcdonald.com/search?query=74758REP>



### 795 Series Top Adjustable Coil Pit Assembly

Unlike other products on the market today with adjustments at the bottom where the pit cannot be adjusted once backfill begins, the A.Y. McDonald 795 Series Coil Pit adjusts from the top. Not only does this product provide up to 18" of adjustability but it also comprises of our 790 Series Coil Pit with the addition of a molded poly top onto the PVC pipe. <https://aymcdonald.com/series/28367>



795 Series

## Blog

### How an Innovative Culture Helps Us Better Take Care of the Boss

Identifying a good idea is not the end of the innovation process – it's just the beginning. Therefore, when an A.Y. McDonald customer came to us in 2003 with the idea for the long body curb stop, we were not able to bring his suggestion to life until 14 years later. Learn more about the journey and background behind the Repair/Cut-In Curb Stop. <https://aymcdonald.com/post/how-an-innovative-culture-helps-us-better-take-care-of-the-boss>



### Industry News

## How the Pump Industry Aided the Thai Cave Rescue

In late June 2018, twelve members of a junior soccer team and an assistant coach were trapped in a cave in Thailand’s Chaign Rai Province. As a rescue mission that had many countries on standby (including the U.S.), it took the help of 10,000 aids, a portion of which were pump engineers. In the end, dewatering pumps, along with disciplined operation, helped make the rescue a success! <https://www.pumpsandsystems.com/how-pump-industry-aided-thai-cave-rescue>



### New Products

## 26000 Series – 4” Stainless Steel 5-70 GPM

A.Y. McDonald is proud to offer a full line of submersible pump ends ranging from 1/2 HP through 10 HP. With a capacity of performance ranging from 5-70 GPM and our signature stainless steel construction, the 26000 Series pump will get the job done. The user can also trust in the fact that its specifications for mounting are according to NEMA standards and it contains high quality shaft bearings and high efficiency stainless steel impellers and diffusers. <https://aymcdonald.com/search?query=6636>

## DuraMAC™ Vertical Multistage Variable Speed Triplex Booster System

A.Y. McDonald is happy to announce the addition of the Vertical Multistage Variable Speed Triplex Booster System, which complements our Simplex and Duplex line. This product contains a 4” header, boosting up to 440 gallons a minute. The Vertical Multistage Variable Speed Triplex Booster System also includes an easy set-up installation, variable speed control, and a stainless steel base. <https://aymcdonald.com/search?query=triplex>



## E-Series Stainless Steel DuraMAC™ Water Pressure Booster System

The new stainless steel version of the E-Series DuraMAC™ Booster Pump 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 pump turns on with flow and off with flow with no need to change or adjust settings.

<https://aymcdonald.com/search?query=E-Series+%26categories%5B%5D=Booster+Pumps+subcategories%5B%5D=DuraMAC+Booster+control+box+subcategories%5B%5D=Residential>

## High Pressure E-Series Jet Pump

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



### Blog

## The Booster Pump for Your Industrial Needs

Due to its easy set-up and operation, the DuraMAC™ Vertical Multistage Variable Speed Booster Pump is often the preferred booster system for industrial applications. By offering the Simplex, Duplex, and Triplex, learn what the options all have in common – and what makes them stand out. <https://aymcdonald.com/post/the-booster-pump-for-your-industrial-needs>





## Industry News

### Why You Should Raise Your Kids to be Plumbers

With the price of an undergraduate degree vastly increasing while the value of it is decreasing, the appeal of going into a skilled labor job keeps climbing. However, these are the same jobs that are experiencing a shortage. Due to this fact (and many others), learn why you should want to raise your kids to be plumbers. <https://aleteia.org/2018/06/20/why-you-should-raise-your-kids-to-be-plumbers/>



## New Products

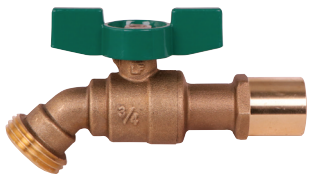


### Plastic Expansion Pex Fittings

A.Y. McDonald has expanded our line of Black Plastic Expansion Pex Fittings, giving you even more options to choose from. In addition, trust in the fact that the expansion poly pex ends conform to ASTM F1960. Product options include couplings, plugs, tees, elbows, male adapters, swivel adapters, and swivel elbows. <https://aymcdonald.com/products/plumbing/fittings?Subcategory=Poly+Expansion+PEX>

### Chicago Fittings X-Riser®

The safe and efficient way in which natural gas or propane is fed to outdoor appliances is through the use of a riser. While including literally no underground joints, the Chicago Fittings' X-Riser® is a brand specific anodeless riser that continues to raise plumber's expectations. In particular, the X-Riser® is available for either natural gas or propane applications, available in semi rigid or flexible material, and comes in different PE sizes and outlets. This solution also includes no chamfering, a bi-directional seal, and absolutely no torque requirements. <https://aymcdonald.com/products/plumbing/lpnatural-gas?Subcategory=Risers>



### 72007BVS No-Kink Hose Bibb

Created to make your job easier, the 72007BVS No-kink Hose Bibb contains a 1/2" sweat or 3/4" sweat fitting. This valve is constructed from heavy duty no-lead brass and comprises of a positive shut-off inlet configuration. Consider the 72007BVS No-Kink Hose Bibb for residential and commercial applications. <https://aymcdonald.com/series/28324>

## Blog

### Flushing Away the Mysteries That Surround Plumbing Supply Lines



It takes a maze of pipes, tools, fixtures, and accessories to create an entire plumbing system for a home or building. Due to its visibility in certain applications, the supply line in particular is one that the homeowner may come across from time to time. Flush away the mysteries that surround plumbing supply lines by becoming familiar with the advantages of different supply line materials and the product options available at A.Y. McDonald. <https://aymcdonald.com/post/flushing-away-the-mysteries-that-surround-plumbing-supply-lines>



**Industry News**

**Natural Gas Vs. Electricity: There is No Comparison**

Due to today's changing energy market, factors such as fluctuating energy costs, varying billing structures, and technological innovations make it difficult for homeowners and businesses to decide on their primary energy choice. However, when comparing natural gas to electricity, the former beats out the competition in nearly every category. <https://www.centerpointenergy.com/en-us/Services/Pages/natural-gas-electricity-cost-comparison.aspx?sa=mn&au=bus>

**Featured Product**

**6276 and 560 Series Plug Valves**

A.Y. McDonald isn't in the business to simply make products; we create solutions – such as the 6276 Insulated Plug Valve and 560 Non-Insulated Plug Valve. Both products are designed to reach 175 PSIG, are tamperproof, and come with a lockwing style. In addition, have your choice between many coatings, such as black, painted, zinc, or zinc and painted.

560 Non-Insulated Plug Valve: <https://aymcdonald.com/products/natural-gas/natural-gas-valves?Subcategory=L-wing+Plug+Vlv++Non+Insul>

6276 Insulated Plug Valve: <https://aymcdonald.com/products/natural-gas/natural-gas-valves?Subcategory=L-wing+Plug+Vlv++Insul>



**Featured Videos**

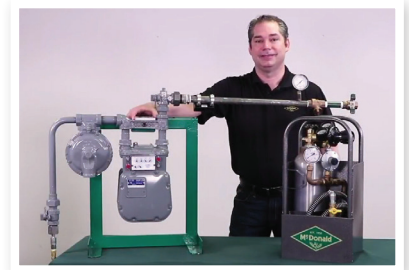
**Portable Bypass Kit Features and Benefits**

A.Y. McDonald did our homework when it came to the creation of the Portable Bypass Kit (PBK). Make sure to do yours too by checking off the many features and benefits for this all-in-one system, which are highlighted in our newest video. In addition, learn about the add-on parts and available options that will help you make the most of the PBK! <https://www.youtube.com/watch?v=s3q1CEDvWg8&t=3s>



**How to Operate the Portable Bypass Kit**

Designed to provide technicians with a safe and easy transport option to the job site for bypass purposes, A.Y. McDonald's Portable Bypass Kit (PBK) is a game changer to the industry. In this video, A.Y. McDonald experts demonstrate how to operate the PBK with a step-by-step-guide. <https://www.youtube.com/watch?v=Wd13KQZ3N74&t=2s>



**Blog**

**Exploring the Versatility of Natural Gas**

A lot of efforts have been devoted to exploring the usage and preservation of fossil fuels as they have quickly become a staple to the functioning of today's society. One of these resources would include natural gas, which can be morphed into different uses and consistencies. Thanks to its versatility, this resource can be used to fuel cars, produce electricity, and provide hot water. <https://aymcdonald.com/post/exploring-the-versatility-of-natural-gas>

