



Cleveland Chapter of The American Society of Plumbing Engineers March 2020

CHAPTER OFFICERS

President

JOHN VARGA, P.E. Scheeser Buckley Mayfield, Inc. Email: jvarga@sbmce.com (330) 526-2715

V.P. Technical

DIETER HAUSMANN, P.E. CPD, LEED AP T/E/S Engineering Email:kdhausmann@tesengineering.com (440) 614-0318

V.P. Legislative

MARLON WRIGHT P.E., CPD T/E/S Engineering Email: mwright@tesengineering.com (440) 871-2410

V.P. Membership

FRANK MASTRÓIANNI JR. Mastroianni & Associates, Inc. Email: frankjr@mastroiannihvac.com (440) 786-1100

Treasurer

KEVIN NOBLE, P.E., LEED AP Scheeser Buckley Mayfield, Inc. Email: knoble@sbmce.com (330) 526-2714

Administrative Secretary

DAN EVANS, P.E.,CPD, GPD, LEED AP BD+C HEI Engineering Group, Inc. Email: evans@hei-ohio.com (330) 262-0042

Corresponding Secretary

KIM METZGER
Disney McLane & Associates
Email: kimm@disney-mclane.com
(216) 406-7974

Affiliate Liaison

KATHY KIRSCHNICK Campbell Equipment Company Email: kkirschnick123@gmail.com (216) 904-6656

AYP Group Liaison

NICK TABAR, CPDT Karpinski Engineering Email: ntabar@karpinskieng.com (216) 391-3700

Newsletter Editor

MICHAEL DRAB Thorson Baker & Associates, Inc. Email: mdrab@thorsonbaker.com (330) 659-6688

From the President:



I would like to thank Lance Begoon with Ohio Department of Commerce Plan Review for being our guest speaker at the February Technical Meeting on the topic; Ohio Plumbing Code.

I would also like to thank all of the Mini-Table Top exhibitors; American Standard, Anvil International, Apollo Flow Control, Corzan Piping Systems, Curnayn Sales, Davis Sales,

Disney-McLane, Great Lakes Sales, Libb Company, Mastroianni & Associates, Merlo Energy, Midwest Spec, Musillo Sales, Nibco, Pinnacle Sales, RL Deppmann, Victaulic, and Viega. Thank you for your continued support of the Cleveland ASPE Chapter!

The March Technical Session will be on the topic; The Art of Water: Solving Water Delivery Challenges, presented by Jim Montgomery with Elkay.

The March 11, 2020 Dinner Meeting will be held at Harry's Steakhouse located at 5664 Old Brecksville Road, Independence, Ohio 44131.

5:00 – 5:30 Chapter Board Meeting

5:30 – 6:00 Sign-In / Meet and Greet / Vendor Product Display

6:00 – 6:30 Dinner

6:30 - 7:30 Presentation by Jim

7:30 – 8:00 Vendor Product Display

Please RSVP by March 6, 2020 with Kevin Noble at knoble@sbmce.com. Dinner price is \$20. The price reduction for this season has been made possible because of the continued contributions by our local affiliates. Please support your local chapter by coming to these meetings.

Let us know if there are any specific topics or field trips you would like to see our chapter sponsor. We are always looking for new ideas. Remember, without membership and participation, there is no local chapter.

John A. Varga, P.E. President, ASPE Cleveland Chapter



September 11-16 NEW ORLEANS

2019-2020 ASPE Meeting/Plumbing Class Schedule March 2020

Date - Time - Place	<u>Topic</u>	<u>Speaker</u>	<u>Exhibitors</u>
September 11, 2019 – 6:00 PM Cleveland Yachting Club	Clam Bake Topic – Social Event ASPE Cleveland Chapter	N/A	N/A
October 15 2019 – 11:30 AM Harry's Steakhouse Cost: \$20.00	Everyone Communicates, Few Connect This is a joint meeting with ASHRAE	Karine Leblanc US Air Conditioning Distributors ASHRAE Distinguished Lecturer	TBD
November 13, 2019 – 11:30 AM Harry's Steakhouse	Cross Connection Control & Mitigating RPZ Discharge	Kim Metzger Disney McLane & Associates	Disney McLane
December 11, 2019 – 11:30 AM Harry's Steakhouse Cost: \$20.00	Fire Pump Room Layout	Greg Trombold Trombold Equipment	Trombold Equipment
January 8, 2020 – 11:30 AM Harry's Steakhouse	Greasy Waste Flow Maintenance	Will Loach – Chromalox Tim Morrissey – Midwest Spec	Midwest Spec
Cost: \$20.00			
February 12, 2020 – 11:30 AM Harry's Steakhouse Cost: \$20.00	Ohio Plumbing Codes – Ins and Outs This is also our Mini-Trade Show!!	Lance Begoon Ohio Department of Commerce Plan Review	A big Thank You to all the vendors that participated to make our trade show possible!
March 11, 2020 – 5:30 PM Harry's Steakhouse	The Art Of Water: Solving Water Delivery Challenges	Jim Montgomery - Technical Field Support Specialist for Elkay	Elkay
Cost: \$20.00			Contact us for Tabletop Opportunities!
April 8, 2020 – 5:30 PM Harry's Steakhouse	Legionella	Craig Boyce, President of Water Control Systems	Kemper
Cost: \$20.00 May 13, 2020 – 5:30 PM Harry's Steakhouse	Pumps Chapter Board Elections	Grundfos	TBD
Cost: \$20.00	Onapier Board Liections		

2019-2020 ASPE Meeting/Plumbing Class Schedule March 2020

The above is the meeting/plumbing class schedule for the 2019-2020 ASPE year. Updated information will appear in subsequent newsletter issues. All meetings will be at Harry's Steakhouse, 5664 Old Brecksville Road, Independence unless otherwise indicated. The meeting/plumbing class, including dinner, is \$26.00. Reservations are required. A mini product show will be held before each meeting/plumbing class highlighting some of the materials discussed in class or products that will assist the engineer in understanding what they are designing or specifying. All plumbing classes will qualify for 0.1CEU hours and will assist in preparation for the ASPE CPD examination.

The following times will be enforced as strictly as possible.

Make your reservations a minimum of two days before the meeting/class and try to be on time.

Evening Seminars:

•	Chapter Board Meeting	5:00 - 5:30 pm
•	Sign-in / Meet and Greet / Vendor Product Displays	5:00 - 6:00 pm
•	Dinner	6:00 - 6:30 pm
•	Presentation	6:30 - 6:45 pm
•	Vendor Product Displays	6:45 - 7:45 pm

Lunchtime Seminars:

•	Mini Product Show	11:30 - 11:45 am
•	Sign-In / Meet and Greet / Vendor Product Displays	11:45 - 12:00 pm
•	Lunch	12:00 - 12:30 pm (Seminar to begin during lunch)
•	Presentation	12:00 - 1:00pm

2019-2020 ASPE Meeting/Plumbing Class Schedule March 2020



THANK YOU to our local manufacturers and manufacturer representatives with well known names of specifiable products for supporting the meeting with tabletop displays to meet and greet everyone and share education about current or new products, new industry trends and services they provide. **We appreciate your support!**

EXHIBITORS

American Standard
Anvil International
Apollo Flow Control
Corzan Piping Systems
Curnayn Sales
Davis Sales
Disney-McLane
Great Lakes Sales
Libb Company

Mastroianni & Associates
Merlo Energy
Midwest Spec
Musillo Sales
Nibco
Pinnacle Sales
R.L. Deppmann
Victaulic
Viega



FIND YOUR FIT

Choose from Over 500 Press Valve SKUs, the Largest Offering in the Industry

- Options ranging from ½" 4"
- Select from over 65 different valve configurations
- Our total system valves, fittings and tools – comes with unparalleled service
- Experience the best customer service in the industry – as judged by our customers

FIND YOUR FIT AT NIBCO.COM/PRESS

Amanda Miller | Area Sales Manager 614.634.2516 | millera2@nibco.com

Rick Daugherty | Area Sales Manager 304.281.3405 | daughertyr@nibco.com

Dave Lazear | Sr. Engineered Systems Specialist 302.740.1202 | lazeard@nibco.com

Represented By: Omar Mc Dowell Co. Contact: 440-808-2280 craig@omarmcdowell.com

PVI Industries LLC. Conquest®

Condensing Gas Water Heater



399 to 800 MBH | 130 Gallon Tank | 15-year Warranty





Defend against the test of time and use cast iron soil pipe. Ensure success by knowing when and where to specify cast iron soil pipe. Did you know you can earn CEU's by taking a foundry tour to see how cast iron pipe is made or attend a local lunch and learn? **Contact your local technical services manager today.**



LEARN MORE:

mcwaneplumbingtechservices.com





4640 Hinckley Industrial PKWY
Cleveland, OH 44109
Phone (800) 542-1682
Fax (877) 476-1682
Kim Metzger—Cell 216-406-7974



Representative for Ohio, Indiana, Kentucky

Products for the fire protection, irrigation and waterworks markets. Backflow preventers, control valves, in-building risers, pre-assembled valve station products.



Representative for Ohio, Indiana, Kentucky, W. Pennsylvania, W. Virginia Manufacturers of PP-RCT polypropylene heat fusion pipe and fittings for multiple fluid handling systems.



Representative for Ohio, Indiana, Kentucky

Armstrong Pump is an established leader in fluid flow innovation and is internationally recognized for design efficiency, long service life and operating economy.



Representative for Ohio, Indiana, Kentucky

Manufacturers of stainless steel drainage systems. Product ranges from standardized products to customized drains.



Representative for Ohio, Indiana, Kentucky, W. Pennsylvania, W. Virginia Modular board, insulation, vapor barrier, and radiant floor tube holding



Representative for Ohio, Indiana, Kentucky

The world's leading provider of flexible stainless steel connectors for natural/LP gas and fluid conveyance applications.



Representative for Ohio, Indiana, Kentucky

An industry leader in manufacturing backflow prevention assemblies and related flow control products servicing the irrigation market.



Representative for Ohio

Fiat is a leader in the development and manufacturing of plumbing products for the commercial, institutional and residential markets.



Representative for Ohio, Indiana, Kentucky

Manufacturer of oil/water separator, wastewater treatment systems products.



Representative for Ohio, Kentucky

Offers plumbing hangers, straps, fasteners and other solutions for installation of plumbing products and pipe.







Enclosures for backflow preventers for outdoor installations.



Representative for Ohio, Indiana, Kentucky

A premier producer of commercial and institutional restroom solutions.



Representative for Ohio

Innovative systems integrating mechanical and electrical technology to provide control systems to promote safety in science laboratories



Representative for Kentucky, Ohio

Mueller Steam Specialty is the world's largest supplier of strainers and the number one provider of specialty products serving the valve industry.



Representative for Ohio, Indiana, Kentucky

Acid waste, high purity, double-containment pipe and systems.



Representative for Ohio, Indiana, Kentucky

Manufacturers of thermostatic mixing valves for building, point-of-use and emergency equipment, tub/shower systems with pressure balancing, thermostatic, or combination shower controls.



Representative for Ohio, Indiana, Kentucky, Western Pennsylvania, West Virginia

Manufacturers of faucets, shower systems, showerheads, eyewash and drench shower systems for commercial, residential, hospital, and industrial uses.



Representative for Ohio, Kentucky

Leader in complete control solutions for radiant floor and baseboard heating systems, multi-stage boiler plants, and automatic snow melting systems.



Representative for Ohio, Kentucky, Indiana, West Virginia, Western PA.

Manufacturers of quality brass nipples since 1901.



Representative for Ohio, Kentucky, Indiana, West Virginia, Western PA.

Flexible corrugated piping systems for natural gas and propane, as well



Representative for Ohio, Indiana, Kentucky

Premier manufacturer of plumbing valves including PRV's, control valves, backflow preventers, gate/globe/check valves, butterfly valves, hydronic heating valves, water heater installation products, quick-connect fittings,

IntelliStation":

The smarter way to deliver tempered water





The Intelligent Water Mixing and Recirculation System

The IntelliStation™ provides unmatched levels of control over hot water delivery in commercial and institutional buildings.

- Precise digital control to +/-2°F
- Smart, easy-to-use controller with color touchscreen
- BAS integration
- Access to rich system data
- Integrated pump control for reliable, consistent temperatures
- Easy commissioning, repair, and management
- Sanitization mode allows for high temperature system purges
- Compliant with lead free legislation requirements

Learn about the smarter water mixing solution at PowersControls.com/IntelliStation





Viega ProRadiant

Heating and Cooling Systems

Professional design assistance available for your next project.

COMMERCIAL

Commercial applications demand the highest quality, most consistent materials and parts in the industry. Gerber commercial products offer solutions for schools, high rises, manufacturing, commercial buildings, assisted living facilities and hospitals,



NFB Series

Mavien.

NFB Condensing Wall Hung Fire Tube Boilers



GERBER.

Heat-Flo All-Stainless Steel Products



- · Hot Water Storage Tanks
- Multi-Energy Tanks
- Hydronic Buffer Tanks
- · Sizes 22 to 115 Gallons





- · All stainless tank and coil.
- Over 2" of insulation with less than 17 hr. heat loss.
- Large, smooth-wall coils collect less lime and sediment.

Easy Installation

- All connections on top for a neat, clean installation.
- Brass drain and T & P Valves are factory installed.



High Output and Dual Coil units for commercial, solar, radiant, and high demand applications.





21706 Lunn Road, Strongsville, OH 44149 440-846-1280 www.curnaynsales.com

TRITON™ NO-BRAINER Test

Which Water Heater Would You Rather Spec For Your Next Commercial Project?		
A.	B.	
☐ External Leak Detection	□ Built-In Leak Detection	
☐ 3:1 Modulation	☐ Built-In Leak Prevention System	
☐ Condensate Neutralizer (Accessory)	☐ Automatic Shut-Off Valve	
☐ Remote Diagnostic Alerts	☐ Built-In Smart Monitoring Technology	
☐ BMS Connectivity (Accessory)	☐ ASME-Grade Steel Heat Exchanger	
	□ Integrated BMS Connectivity/ BACnet MS/TP	
	□ Built-In Condensate Neutralizer	
	☐ Easily Replaces Any Brand	
	□ Full Modulation	
	☐ Tank Life 5 Years Longer	



It's A No Brainer... Spec Triton.™

If you chose B, congratulations - you just chose the one that lasts five years longer, with built-in smart monitoring technology that detects and prevents water heater problems before they occur.

By the way, A is the other guy.



Order Triton Today - Contact BWA South

www.Rheem.com/Triton









T&S IS HERE >

T&S is proud to be a trusted name across a wide range of markets — staying at the forefront of today's evolving industry and providing a vast selection of reliable solutions that meet required codes and compliances.

Learn more at tsbrass.com/markets.





T&S plumbing products represented in Cleveland by: Midwest Spec - 440-944-7500

A Growing Family For A Growing World



UNEQUALED QUALITY.





Service • Support • Supply

Manufacturer's Representatives

7860 North Central Drive Lewis Center, OH 43035 740-549-1516 740-548-0985 (Fax)

WOODFORD MODEL 68 FREEZELESS UNDERCOVER WALL HYDRANT



- Model 68 freezeless wall hydrant protected by an integral locking cover
- Drains automatically—even with hose attached
- Replaceable locking stainless steel cover flips down for easy access
- Sleek, streamlined design
- Easier to install than recessed box hydrants

WOODFORD



WOODFORD MANUFACTURING COMPANY

Excellence. Always.

800.621.6032 - www.wroodfordinfu.com

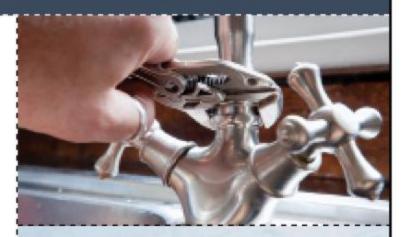
HIGHLY-TRAINED PLUMBERS

The Cleveland Plumbing Industry

actively promotes the most rigorous and effective standards for our local contractors in the plumbing and mechanical industry.



We can embrace these high standards because our plumbing technicians receive the finest and most comprehensive training in the world - allowing our Northeast Ohio contractors to deliver the finest products, service and installation in only the safest of environments.



Working For Our Members:

- Plumbing Codes
- Medical Gas Training
- Back Flow Prevention
- Safety Services
- Labor Relations
- Education & Training
- Promotion
- Government Affairs



TOLL FREE: 855-CPI-4ALL (855-274-4255)

CLEVELANDPLUMBINGINDUSTRY.COM

The Plumbing Engineers' Best Solution



www.htproducts.com

High Efficiency



The Phoenix

316L Stainless Steel Tank

- 55 to 119 gallon units
- 100 to 199K Btuh units
- Venting: PVC / CPV(
- Up to 97% efficiency
- Load matching modulation
- 5:1 turndown ratio



Everlast

Lifetime Residential Warranty Electric Water Heater

- 316L stainless steel tank
- No anode rods needed
- Precision laser welding
- Lightweight
- Highly efficient 2" foam Insulation

10 Year Limited Commercial Warranty & Lifetime Limited Residential Warranty (with online registration)







Stainless Steel



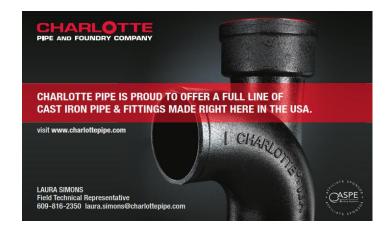
Phoenix LD

316 Stainless Steel Tank

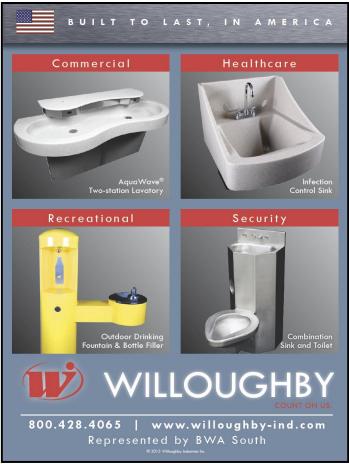
- 50 to 80 gallon units
- 76K Btuh units
- No anode rods needed
- Venting: PVC / CPVC
- Up to 97% efficiency
- Load matching modulation
- Up to 154 gal, 1st hr. rating



(614) 876-2477 Hilliard, Ohio









The American Society of Plumbing Engineers (ASPE) Convention & Expo

The 2020 ASPE Convention & Expo is dedicated to quality education, connections and experiences for those skilled in the design, specification and inspection of plumbing systems.

2020 ASPE Convention & Expo September 11-16, 2020 New Orleans, Louisiana



Serving Northern Ohio Since 1933



Lakeside Supply Company was founded in 1933 as a wholesale vendor of plumbing, heating, and industrial supplies to the northern Ohio marketplace. Over the years we have endeavored to provide services and products of the highest quality to the contractor, industrial, and commercial marketplace.

3000 West 117th Street Cleveland, OH 44111-1667 Ph. 1-800-537-1234 Ph. 216-941-6800 Fax 216-941-8408 sales@lakesidesupply.com

SERVICES

Valve Automation
Electric & Pneumatic
Lakeside Managed Store Rooms

TOOLS

RIDGE TOOL LENOX CHAMPION REED MFG WHEELER-REX SUMNER MFG
RAWL
JET-SWET
COB PIPE FREEZING
PASCO SPECIALTY TOOLS
CHERNE TEST BALLS
CHANNELLOCK
GOSS TORCHES
TURBOTORCH
VERMETE

Street Keys

Grinding Wheels & Brushes Extension Cords & Gfi's

TOOL RENTALS

VICTAULIC-GROOVING MACHINE ENFUSION TOOL ENPURE TOOL MCELROY FUSION PPR RIDGE PRO-PRESS EXACT PIPE CUTTING SYSTEM

Please visit lakesidesupply.com/products for full listing

Hours: Mon-Fri 7:30 am 5:00 pm | City Counter Open: Mon-Fri 7:30 am-4:30 pm | Closed for National Holidays

MASTROIANNI & ASSOCIATES, INC. Manufacturers' Representative of Products for the Mechanical Trades Since 1984

HOT WATER PRIMETER HEATING, STEAM, ELECTRIC RADIATORS, TOWEL WA	ARMERS
RUNTAL RADIATORS	www.runtalnorthamerica.com
LINK SEALS, PIPE SLEEVES, CASING SPACERS, END SEALS	
LINK SEAL , GARLOCK , PSI, THUNDERLINE, GPT	www.linkseal.com
BARCO BALL JOINTS, PACKED SLIP JOINTS, BELLOWS EXPANSION JOINTS, METERS, SEISMIC 'V'-LOOPS	<u>VENTURI FLOW</u>
HYSPAN PRECISION PRODUCTS	www.hyspan.com
HEAT EXCHANGERS (SHELL & TUBE), AIR & DIRT SEPARATORS, HYDRAULIO	-
AUTOMATIC AIR VENTS, PUMPS, SUCTION DIFFUSERS, TRIPLE DUTY VALVES THRUSH CO	
DOMESTIC WATER BOOSTER SYSTEMS, SKID MOUNTED HVAC PACKAGES TIGERFLOW SYSTEMS	www.tigerflow.com
	•
HYDRONIC BALANCING VALVES (AUTOMATIC & MANUAL), "COIL PAKS", HO NEXUS VALVE	•
NEXUS VALVE	www.nexusvaive.com
HUMIDIFIERS (STEAM, ELECTRIC, GAS, DISPERSION MANIFOLDS)	
PURE HUMIDIFIER	www.purehumidifer.com
EXPANSION TANKS, BUFFER TANKS, AIR SEPARATORS, GLYCOL MAKE-UP	CVCTEM
JOHN WOOD CO	
SUMP PUMPS & OIL MINDER / DETECTION SYSTEMS CONDENSATE / BOILER FEED / VACUUM PUMP PACKAGES	
STANCOR PUMPS	www.stancorpumps.com
FEDERAL PUMPS CO	www.federalpumps.com
PLATE & FRAME HEAT EXCHANGERS	
POLARIS	www.polarisphe.com
PUMPS: END SUCTION, IN-LINE, RECIRCULATION	
	www.thrushco.com
OUEOK VALVEO OTDAINEDO BUTTEDELVIVALVEO	
CHECK VALVES, STRAINERS, BUTTERFLY VALVES TITAN / MUELLER	www.titanfci.com
BONOMI	
FLEX CONNECTORS, EXPANSION JOINTS, NESTED LOOPS, PIPE GUIDES	
ENGINEERED FLEXIBLE PRODUCTS	
GENERAL RUBBER CO	www.engineeredflex.com
VIBRATION ISOLATION - SPRING HANGERS, VIBRATION CURB BASES, INERT	
VIBRATION ELIMINATOR CO	www.veco-ny.com
PRE-INSULATED PIPE SHIELDS	
VALUE ENGINEERED PRODUCTS	www.valueng.com
THERMOMETERS, PRESSURE GAUGES, P/T PLUGS, GAUGE ACCESSORIES	
WEKSLER GLASS THERMOMETER CORP	www.wekslerglass.com

7601 First Place Drive ~ Ste A- 13 ~ Phone: 440. 786.1100 ~ Fax: 440.786.1103 www. mastroiannihvac.com



Equipment Company

our website: www.trombold.com

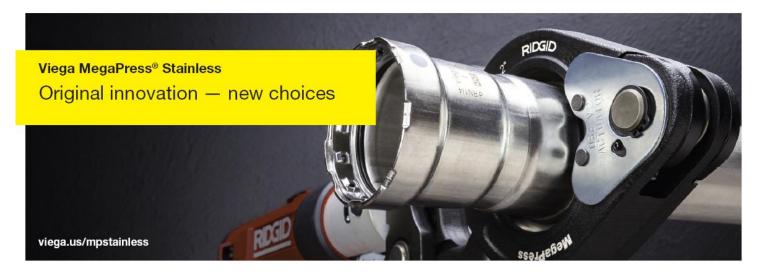
If you need to move water call us we can help!

Storm and sewage—Weil

Domestic boosters - Delta P Carver

Fire—Patterson

Phone 216-663-8700 Fax 216-663-8702



Advantages of MegaPress Stainless for IPS

- Approved for use with Schedule 10 and Schedule 40 pipe
- Viega Smart Connect® feature makes unpressed fittings easy to detect during pressure testing
- No risk of fire or smoke and no cool-down required, so fire watches or hot work permits are not needed
- ASME approvals: B31.1, B31.3, B31.9
- Fitting sizes ranging ½" to 2"

Viega. Connected in quality.

For more information, contact:

Carl Petitt, Jr. Technical Manager Great Lakes carl.petitt@viega.us (614) 852-2691 Dan Meredith
District Sales Manager
dan.meredith@viega.us
(440) 241-4939





NORTHERN OHIO

Cleveland

800.589.6120 | Deppmann.com

Advance Thermal Corp.

Removable Insulation & Acoustic Covers

Aerco

Northern & Central Ohio

Commercial Condensing Boilers Commercial Condensing Water Heaters

Bell & Gossett

Balance Valves

Automatic Flow Limiting

Manual Flow Limiting

Pressure Independent Control

Hydronic Specialties

Centrifugal Pumps

Base Mounted

Close Coupled

Double Suction

Horizontal Split Case

In-Line

Multi-Stage

Heat Exchangers Shell & Tube

Plate Heat Exchangers

Replacement Tube Bundles

Heat Transfer Packages

Hydronic Specialties

Pressure Booster Systems

Submersible Pumps

Variable Speed Systems

Vertical Turbine Pumps

Expansion/Compression Tanks

Bobco

Differential Gauge Kits

Bock Water Heater

Gas Fired Water Heater Flectric Water Heater

Oil Water Heater

Indirect Water Heater

Solar / Geo Thermal Water Heater

Electric Point of Use Water Heater

Burnham Commercial

Scotch & Firetube Boilers

Low Nox Boilers

Deareators & Boiler Accessories

Cemline Corp.

ASME Tanks
Boiler Blowdown Separators
Condensate Coolers
Hot Water Storage Heaters
Packaged Water Heaters
Replacement Tube Bundles
Stone Steel Lined Tanks
Unfired Steam Generators

Danfoss

Greater Toledo Area

Variable Frequency Drives Motor Soft Starters

Domestic Pump

Boiler Feed Systems Condensate Return Pumps Pressure Powered Pumps Vacuum Pumps

Dow Heat Transfer Fluids

DOWTHERM™ SR-1 Ethylene Glycol DOWFROST™ HD Propylene Glycol

Dri-Steem

Greater Toledo Area

Steam Injection Humidifiers Gas To Steam Humidifiers Steam To Steam Humidifiers Electric Steam Humidifiers Evaporative Humidifiers Ultrasonic Fog Humidifiers

Fluid Design Solutions

Boiler Plant Packages Custom Mech. Room Pumping Pkgs Packaged Snowmelt Solutions Solar Pump Packages

Goulds / G&L Commercial

End Suction Pumps Vertical Multi-stage Pressure Booster Systems Vortex Waste Water

Griswold Controls

Automatic Balance Valves Manual Balance Valves Pressure Independent Control Valves Coil Hook-up Kits

Griswold Water Systems

Chemical Free Water Treatment Centrifugal Separators Sand Filter Systems

Heatfab

Northern & Central Ohio

High Performance Chimneys & Vents

Hoffman Specialties

Steam Traps & Specialties Condensate Return Pumps Pressure Regulating Valves Vacuum Pumps

Kadant Johnson

Pressure Powered Pumps

Laars Heating Systems

Residential / Commercial Boilers Commercial Water Heaters Commercial Pool Heaters

McDonnell & Miller

Boiler Safety Controls Level Controls Flow Switches

Metraflex Company

Flexible Pump Connectors Expansion Joints & Guides Non-slam Check Valves Ball & Butterfly Valves

Miljoco

Pressure Gauges Thermometers Accessories

Niles Steel Tank

Glass Lined & Steel Storage Tanks

Peterson Equipment Co.

Pressure / Temperature Test Plugs

Rovanco

Pre-insulated Pipe Containment Pipe

Solar Skies

Complete State of Ohio

Solar Panel Collectors

Tower Tech Cooling Towers

High Efficiency Cooling Towers HVAC Cooling Towers Process Cooling Towers Power Generation Cooling Towers

Vertiflo

Pedestal Mount – Sump Pumps Base Mounted Pumps Vertical Pumps

Webster Engineering

Greater Toledo Area

Single & Dual Fuel Burners Landfill Gas Burners High Turndown Burners Temp-A-Trim: Air Density Control System

Wessels Company

ASME & Glass Lined Storage Tanks Glycol Fill Systems Engineered Tanks







Line Card - November 2019



107 Cypress Street S.W. Reynoldsburg, OH 43068 Phone: 740-927-6880 or 888-927-4244 Fax: 740-927-4545

www.RepSourceLLC.com

Manufacturers' Representatives Serving Plumbing, Mechanical, Electrical, Architectural and Water Treatment Industries. Representing the following product lines:

A Better Idea/Quick Block/EZ Sleeper www.pipeease.com	E-Z Sleeper / Quick Block / Pipe Ease – Rooftop pipe and equipment support blocks and deck flanges.
ABT – Polydrain www.abtdrains.com	Pre-sloped polymer trench drains, <i>Trench Former</i> – pre-sloped trench drains systems.
Apollo Flow Controls / Elkhart Products www.apolloflowcontrols.com www.elkhartproducts.com	Conbraco Apollo Flow Control backflow prevention products and Elkhart Products wrot copper tube fittings, cast fittings and EPC engineered push-fit fitting brands include TECTITE and CopperLOC.
Bradley Corporation www.bradleycorp.com	Washbar all in one hand washing stations, washfountains, Express and Frequency lavatory systems, Navigator thermostatic mixing valves, showers, safety equipment, metering faucets, patient care units, Terreon solid surface products, Evero natural quartz products.
Cool Drain Flow www.cooldrainflow.com	Drain Line Tempering Kits for commercial kitchen equipment, boiler blow down drain lines, condensate return, heat exchanger and dehumidifier lines to temper drain water below 140 deg F.
Creative Industries www.creative-terrazzo.com	Pre-cast terrazzo shower floors, mop basins, concrete laundry tubs and stairs or benches, terrazzo or concrete or glass counter tops and custom terrazzo products.
Eemax www.eemax.com	Electric Instantaneous water heaters, DI and booster heaters, emergency shower eyewash heaters, <i>AutoBooster</i> hot water tank booster system.
Hydrotek www.hydrotekintl.com	Sensor operated flush valves and faucets available in both battery and AC options.
Just Manufacturing www.justmfg.com	Stainless steel commercial, institutional & residential sinks and scrub sinks. <i>CuVerro</i> copper antimicrobial sinks.
Keltech www.Keltech-inc.com	Electric Instantaneous water heaters. (A subsidiary of Bradley Corporation)
Kemper Water Control www.kemperwatercontrol.com	Engineered <i>Flow Splitter</i> and <i>Balancing Valve</i> system technology for potable water and Legionella mitigation solutions.
Liberty Pumps www.libertypumps.com	Sump, drain and condensate, utility, transfer, effluent and sewage pumps, <i>Omnivore</i> and <i>ProVore</i> grinders, <i>Accent II</i> macerating toilet system and engineered pump system packages.
Marlo www.marlo-inc.com	Commercial & industrial water softeners, media filters, reverse osmosis, dealkalizers, deionized and EDI electro-deionized water treatment equipment.
Midland Metal Mfg./Anderson Metals www.midlandmetal.com	Lead free brass fittings, valves, pipe nipples, chrome stops and supplies, aluminum, copper and polyethylene tubing, non-metallic fittings, clamps and valves
Oasis International www.oasiscoolers.com	Oasis International, headquartered in Columbus, Ohio, manufactures and distributes a wide range of water dispensing solutions under the <i>Oasis</i> and <i>Sunroc</i> brands.
Plumberex www.plumberex.com	Pro-Extreme, Trap Gear, Handy Shield Maxx and Clear Shield lavatory trap and riser insulation kits. Mushroom Flange and Floor Sink Carrier specialty products.
Raychem / nVent Thermal Solutions www.nVent.com	HWAT self-regulating heating cable system for domestic hot water, XL-Trace, Gardian and WinterGard freeze protection cable, Pyrotenax MI and Electromelt snow and anti-icing cable, IceStop, RIM and FrostGuard roof and gutter de-icing cable, RaySol, NuHeat floor warming and freezer frost heave cable
RIIFO www.riifo.com	PEX Tubing, PEX-AL-PEX Tubing, fittings, manifolds, tools and accessories.
Schott Scientific Glass / Kimax www.us.schott.com/drainline	Glass piping for acid waste and containment piping systems. <i>Knight-Ware</i> acid neutralizing sumps.
Tight Seal Gasket www.tightsealgasket.com	Toilet & urinal setting with Innovative, flexible design, sticky, reusable, elastomer toilet & urinal gaskets Compresses up to 50%. Will not break or become brittle. Allows movement without leaking.
TOTO USA www.totousa.com	Global Manufacturer of Residential and Commercial Plumbing Fixtures, <i>Washlet</i> toilet seat, <i>NeoRest</i> toilets and Accessories.
Wade Drainage www.wadedrains.com	Cast iron floor drains, floor sinks, roof drains, cleanouts, carriers, interceptors, hydrants, shock absorbers trap primers, access covers,, trench drains, Siphonic Roof Drainage System.
Water Control Corporation www.watercontrolinc.com	High Capacity Ultra-Filtration for Legionella & Pathogen control, Rainwater Reclamation Systems with Ultraviolet or Ozone purification, vortex downspout separators, storage tanks and complete controls for turnkey systems.
Waterless Company www.waterless.com	Waterless "No Flush" vitreous china and fiberglass urinals with EcoTrap and Blue Seal liquid, UTC Sentinel sensor flushing systems. Everprime floor drain traps primer liquid. Greencleen chemicals.
Xerxes/ZCL www.zcl.com	Fiberglass Water and Wastewater storage solutions. Water storage, grease, oil, solids interceptors, and decontamination tanks.
Additional Products Distributed: www.repsourcellc.com	Bathroom Partitions (solid plastic, baked enamel, stainless steel, laminate and phenolic), Bathroom Accessories, Lockers (solid plastic and metal), Water treatment products.

LEGIONELLA:

Don't Manage the Symptoms. Control the Cause!



We remove Legionella & pathogens *before* they enter your plumbing and mechanical system.

HIGH-CAPACITY ULTRAFILTRATION



SECCUO[®]
German Hollow-Fiber
Membrane Technology

Point-of-Entry • Point-of-Use • Hot Water Recirc Treatment



- 99.999% removal of Legionella and pathogens (3rd party-verified)
- · A firewall for the entire building
- Drastic reductions in nutrients and biofilms
- 300 GPM+, minimal pressure loss
- · Self-cleaning, long-lasting, low maintenance
- Automatic membrane integrity verification (Meets strict EPA guidelines)





CORZAN CPVC PIPING SYSTEMS



- Potable Water Distribution Systems
- Pure Water Systems
- HVAC (Hydronic and Vent Piping)
- Chemical Fluid Handling
- Plenum-rated

Contact your local Rep for training or ASPE approved presentations on CPVC or go to **corzanplumbing.com** for more information.

Rob Lloyd · 317-690-2269 · Rob.Lloyd@lubrizol.com

© 2018 The Lubricol Corporation, all rights reserved.

All marks are the property of The Lubrizol Corporation.

The Lubrizol Corporation is a Berkshire Hathaway company.





American Society of Plumbing Engineers Cleveland Chapter PO Box 5962 Cleveland, Ohio 44101-0962



** Local Chapters are not authorized to speak for the Society