

Cleveland Chapter of The American Society of Plumbing Engineers December 2021

CHAPTER OFFICERS

President

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

V.P. Technical

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

V.P. Legislative

CHRIS STACKHOUSE
Rep Source, LLC
Email: cstackhouse@repsourcellc.com
(614) 315-6606

V.P. Membership

FRANK MASTROIANNI 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 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, CPD Karpinski Engineering Email: ntabar@karpinskieng.com (216) 391-3700

WOA Group Liaison

TERRESE TUCHSCHER
Oatey Co.
Email: ttuchscher@catey.co

Email: ttuchscher@oatey.com (216) 319-0789

Newsletter Editor MICHAEL DRAB

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

From the President:



I would like to thank Jack Wintrow with Cast Iron Soil Pipe Institute (CISPI) for being our guest speaker at the November Technical Meeting on the topic; Cast Iron – The Logical Choice.

Congratulations to Terrese Tuchscher with Oatey for being the newest liaison for WOA (Women of ASPE) for Region 2 and the Cleveland Chapter!

The December Technical Session will be on the topic; Copper Press Fittings, presented by Aaron Kilburg with Nibco.

The December 8, 2021 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

6:00 - 6:30 Dinner

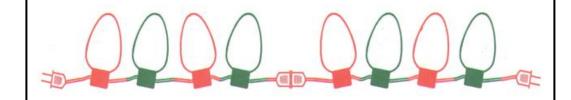
6:30-7:30 Presentation

Please RSVP by Noon on December 6, 2021, with Kevin Noble at knoble@sbmce.com. Dinner price is \$20. The price for this season remains the same as last year because of the continued support and contributions by our local affiliates. Please support your local chapter by attending these meetings.

Let us know if there are any specific topics 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.

Regards,

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



2021-2022 ASPE Meeting/Plumbing Class Schedule December 2021

Date - Time - Place	Topic	Speaker	Exhibitors
September 15, 2021 – 6:00 PM Cleveland Yachting Club	Clam Bake Topic – Social Event ASPE Cleveland Chapter	N/A	N/A
October 13, 2021 – 6:00 PM Harry's Steakhouse (In-Person)	Curbless Shower Design	Darryl Jones – QuickDrain USA	Oatey
Cost: \$20			
November 10, 2021 – 6:00 PM Harry's Steakhouse (In-Person)	Cast Iron - The Logical Choice	Jack Wintro - CISPI	Cast Iron Soil Pipe Institute
Cost: \$20			
December 8, 2021 – 6:00 PM Harry's Steakhouse (In-Person)	Copper Press Fittings	Aaron Kilburg - NIBCO Inc.	NIBCO Inc.
Cost: \$20			
January 12, 2022 – 6:00 PM Harry's Steakhouse (In-Person)	Behavioral Health Plumbing Design	Kim Metzger - Disney McLane	Disney McLane
Cost: \$20			
February 9, 2022 – 6:00 PM Harry's Steakhouse (In-Person)	Circuit Solver - ThermOmegaTech	Rick Monroe - Pinnacle Sales	Pinnacle Sales
Cost:\$20			
March 17, 2022 – 11:30 AM Crown Plaza (In-Person)	Joint meeting with AEE on Heat Pump Water Heaters	Kyle Wefing - RL Deppmann	RL Deppmann
Cost:\$20			
April 13, 2022 – 6:00 PM Harry's Steakhouse (In-Person)	Joint Meeting with ASHRAE on Ethics	Tim Wentz, P.E., HBDP	TBD
Cost:\$20			
May 11, 2022 – 6:00 PM Harry's Steakhouse (In-Person)	Piping Materials Note: Chapter Board Elections!.	Todd Green - Charlotte Pipe Field Technical Service Representative	Charlotte Pipe
Cost:\$20			

2021-2022 ASPE Meeting/Plumbing Class Schedule December 2021

The above is the meeting/plumbing class schedule for the 2020-2021 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 \$20.00. 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

Virtual Online Seminars:

Presentation
 12:00 - 1:00 pm



ASPE Convention & Expo 2022

09-16-21-22 INDIANAPOLIS









Aaron Kilburg | Commercial Sales Manager 331-262-0868 | kilburga@nibco.com

Hubbell Prime Gas Water Heater

Represented By: Omar McDowell Co. (440) 808-2280 craig@omarmcdowell.com

Removable Heat Exchanger -Allows for easy field servicing or replacement without removing the plumbing connections.

Hot Water Outlet -

Stainless Steel Vessel Construction available for DI & RO water applications

Digital Controller -

120Volt 5AMP required

Advanced Blower -

Advanced premix gas/air blower for increased combustion efficiency.

2" Polyurethane Foam Insulation

Exceeds the requirements of ANSI/ASHRAE standards for energy efficiency and heat loss by 10%.

1/2" Thick Hydrastone Lined Tank

A seamless cement lining is impervious to adverse water conditions and is proven to be the most effective method of preventing tank failure due to corrosion.

316L Stainless Steel Heat Exchanger

Resistant to corrosion for maximum reliability and longevity.

Features

40 - 119 Gallons Storage 55,000 BTU/HR Vessel Warranty - 7 yrs nonprorated Heat Xchanger - 5 yrs nonprorated

Other Heat Exchangers

Permanently welded to outer vessel

- Not removable
- ▶ Not serviceable
- ► Heat exchanger failure requires water heater replacement
- Not repairable
- > Cleaning difficult, time consuming and costly
- ➤ Significant welded surface area increases the probability of failure

VS. ...The Prime Advantage

Modular Construction

- Fully removable heat exchanger
 - Easily serviced in the field
 - ▶ Heat exchanger can be replaced without water heater removal or replacement
 - ▶ Repairable
 - Cleaning is quick and easy
 - ► Minimal welded area reduces the probability of failure

PRIME Heat Exchanger Top view





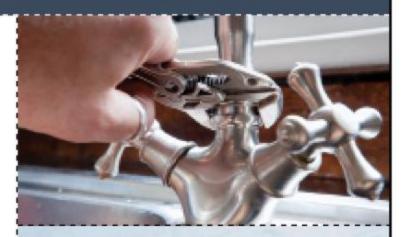
HIGHLY-TRAINED PLUMBERS

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

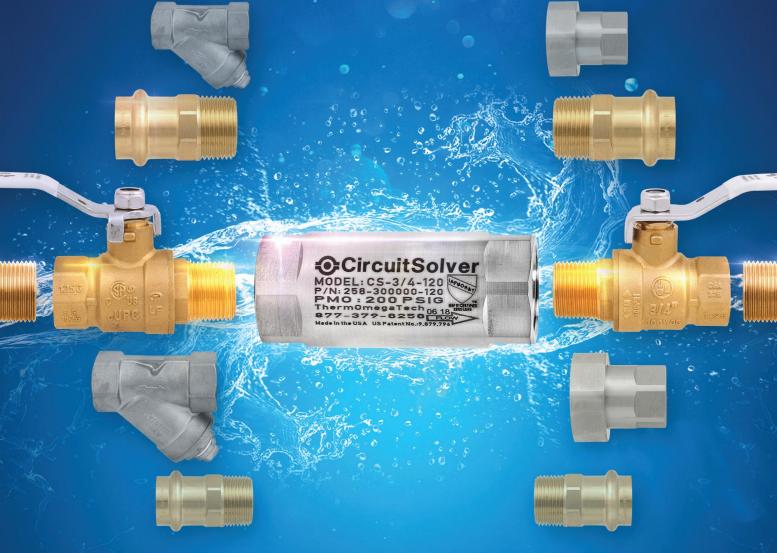


TOLL FREE: 855-CPI-4ALL (855-274-4255)

CLEVELANDPLUMBINGINDUSTRY.COM

CircuitSolver

A ThermOmegaTech product



CHOOSE YOUR PERFECT FIT

Thermostatic Balancing Valves for Domestic Hot Water Recirculation Systems

Automatically & continuously adjust flow to maintain a specified temperature in every branch.



Visit www.CircuitSolver.com/perfect-fit or call (412) 461-9663





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

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.



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 WinterGar 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:	Bathroom Partitions (solid plastic, baked enamel, stainless steel, laminate and phenolic), Bathroom

LEGIONELLA:

Don't Manage the Symptoms. Control the Cause!



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

HIGH-CAPACITY ULTRAFILTRATION





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
- 500 GPM+, minimal pressure loss
- Self-cleaning, long-lasting, low maintenance
- Automatic membrane integrity verification (Meets strict EPA guidelines)





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



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





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



UNEQUALED QUALITY.



CALBBEO.

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 MANUFACTURING COMPANY

Excellence. Always.

800.621.6032 - www.woodfordinig.com



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



Quick, safe connections on large diameter gas lines.

Viega MegaPress(R)G requires no open flames or added cost of fire watch, so projects are safer and more profitable. Installers can secure gas pipe up to 4" in 16 seconds or less, saving 60-90% on labor costs. That's why professionals choose MegaPressG - the trusted press connection method approved for gas lines ½" to 4".

Carl Petitt

Technical Manager (614) 852-2691 carl.petitt@viega.us

Justin Young Regional Sales D

Regional Sales Director (412) 699-7786 justin.young@viega.us



Learn more about the benefits of using a cast iron plumbing system.

Meet Laura Loziuk

Laura is a Technical Service Manager in the McWane Plumbing Group covering the Northeast region. An avid rock collector, she's a "rock star" when it comes to her stellar performance with all things DWV and codes and standards.

Contact Laura to learn more about the benefits of a cast iron drain, waste, and vent plumbing system.





PRODUCT LINECARD

NORTHERN OHIO

Cleveland

800.589.6120 | Deppmann.com

Advance Thermal Corp.

Removable Insulation & Acoustic Covers

Aerco

Commercial Condensing Boilers Commercial Condensing Water Heaters Indirect & Semi-instantaneous Heaters

Bell & Gossett

Balance Valves

Automatic Flow Limiting Manual Flow Limiting Pressure Independent Control

Hydronic Specialties Expansion/Compression Tanks 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 Pressure Booster Systems Submersible Pumps

Variable Speed Systems Vertical Turbine Pumps

Bobco

Differential Gauge Kits

Bock Water Heater

Gas Fired Water Heater Electric Water Heater Oil Water Heater Indirect Water Heater Solar / Geo Thermal Water Heater Electric Point of Use Water Heater

BoilerMag

Magnetic Filters Basic System Chemical Solutions

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

Duravent

Northern & Central Ohio

High Performance Chimneys & Vents

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

General Water Systems

Chemical Free Water Treatment Centrifugal Separators

Hoffman Specialties

Steam Traps & Specialties Condensate Return Pumps Pressure Regulating Valves

Kadant Johnson

Pressure Powered Pumps

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

Greater Toledo Area

Glass Lined & Steel Storage Tanks

Residential/Commercial Condensing Boilers Residential/Commercial Condensing Water Heaters

Peterson Equipment Co.

Pressure / Temperature Test Plugs

ProPak Solutions

Hot Water/Chilled Water Pump Skid Package Heat Transfer Skid Package Steam & Hydronic Boiler Skid Package Air Cooled Chiller Skid Package Water Heater Skid Package Snowmelt Skid Package Domestic Pressure Booster Package

Northern & Central Ohio

Gas Fired Water Heaters Steam Fired Water Heaters Multiple Energy Water Heaters Oil & Oil/Gas Water Heaters Storage Tanks Water Quality Digital Mixing Valves

Rovanco

Pre-insulated Pipe Containment Pipe

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**

Replacing Your Water Heater Every Few Years is Not Our Business Plan



CONQUEST® condensing, gas-fired water heaters are constructed from AquaPLEX® duplex stainless steel so they're corrosion-resistant in potable water at any temperature. Available in 199-1000 MBH, Conquest provides even more BTUs in small spaces and fits through a standard 36-inch doorway. With a thermal efficiency of up to 96%, long product life and a 15-year tank and heat exchanger warranty, you can't afford not to have one.

Call R.L. Deppmann or visit our Monday Morning Minutes blog at deppmann.com for information on PVI Water Heaters





A GROWING FAMILY FOR A GROWING WORLD





Introducing the Ultra Force® XL

The State Ultra Force® family of commercial water heaters is now BIGGER THAN EVER with the addition of the new Ultra Force XL. The XL model extends the Ultra Force family's input range up to 1 million BTU/h while maintaining a compact footprint. Built to meet most critical load requirements, the Ultra Force XL delivers superior performance and the ease of installation Ultra Force water heaters are known for.



iCOMM remote monitoring



Up to 97% Thermal Efficiency



Represented in Ohio by





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



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