

**Cleveland Chapter of The American Society of Plumbing Engineers**  
**December 2019**

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**From the President:**



I would like to thank Kim Metzger and Randy Patton with Disney-McLane for being our guest speakers at the November Technical Meeting on the topic; Cross-Connection Control & Mitigating RPZ Backflow Discharge.

Please welcome our newest members to the Cleveland Chapter; Greg Lavriha with GPD Group, Brandon Marzley with GPD Group, and Andrea Tanner with CSA Group.

The December Technical Session will be on the topic; Fire Pump Room Layout, presented by Greg Trombold with Trombold Equipment.

The December 11, 2019 Lunch Meeting will be held at Harry's Steakhouse located at 5664 Old Brecksville Road, Independence, Ohio 44131.

11:30 – 11:45 Chapter Board Meeting  
11:45 – 12:00 Sign-In / Meet and Greet / Vendor Product Displays  
12:00 – 12:30 Lunch (Seminar to begin during lunch)  
12:00 – 1:00 Presentation

Please RSVP by December 6, 2019 with Kevin Noble at [knoble@sbmce.com](mailto: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

**2019-2020 ASPE Meeting/Plumbing Class Schedule  
December 2019**

<b><u>Date – Time – Place</u></b>	<b><u>Topic</u></b>	<b><u>Speaker</u></b>	<b><u>Exhibitors</u></b>
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  Cost: \$20.00	Cross Connection Control & Mitigating RPZ Discharge	Kim Metzger Disney McLane & Associates	Disney McLane
<b>December 11, 2019 – 11:30 AM</b> <b>Harry's Steakhouse</b>  <b>Cost: \$20.00</b>	<b>Fire Pump Room Layout</b>	<b>Greg Trombold</b> <b>Trombold Equipment</b>	<b>Trombold Equipment</b>
January 8, 2020 – 11:30 AM Harry's Steakhouse  Cost: \$20.00	Greasy Waste Flow Maintenance	Will Loach – Chromalox Tim Morrissey – Midwest Spec	Midwest Spec
February 12, 2020 – 11:30 AM Harry's Steakhouse  Cost: \$20.00	Ohio Plumbing Codes – Ins and Outs	Lance Bergone State of Ohio Plumbing Inspector	TBD
March 11, 2020 – 5:30 PM Harry's Steakhouse  Cost: \$20.00	The Art Of Water: Solving Water Delivery Challenges	Jim Montgomery Technical Field Support Specialist	Elkay
April 8, 2020 – 5:30 PM Harry's Steakhouse  Cost: \$20.00	Legionella	Craig Boyce, President of Water Control Systems	Kemper
May 13, 2020 – 5:30 PM Harry's Steakhouse  Cost: \$20.00	Pumps  Chapter Board Elections	Grundfos	TBD

**2019-2020 ASPE Meeting/Plumbing Class Schedule  
December 2019**

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



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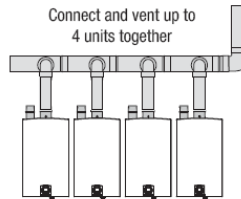
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### PRIME Heat Exchanger Top view





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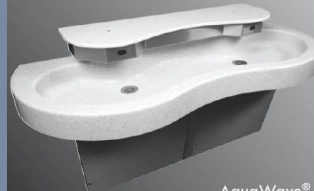
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Contact your local Rep for training or ASPE approved presentations on CPVC or go to [corzanplumbing.com](http://corzanplumbing.com) for more information.

Rob Lloyd • 317-690-2269 • [Rob.Lloyd@lubrizol.com](mailto:Rob.Lloyd@lubrizol.com)

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PIPING SYSTEMS





# Digital Hot Water Solutions

## Featuring The Brain® Digital Recirculation Valve

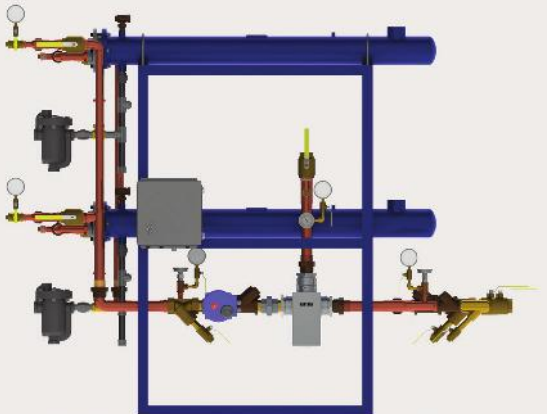
### Digital-Flo™ Semi-Instantaneous Steam/Water Heater

#### Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Choose from 16 standard assemblies or customize.
- Compact vertical design - Small footprint.
- Simple tube bundle access.
- Optional SAGE™ Building System interface with integral data-logging to support AHSRAE 188 Monitoring and Reporting Compliance.
- Water temperature raised above Legionella survival levels on every recirculation cycle.



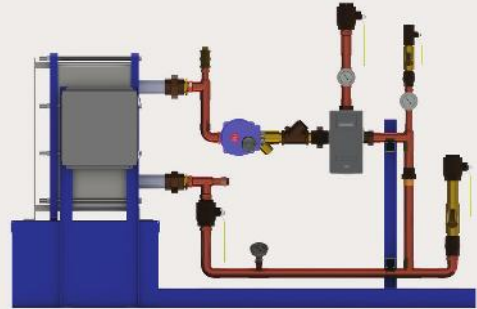
### Digital-Flo™ Instantaneous Steam/Water Shell & Tube Water Heater



#### Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Separate steam control valve not required.
- Choose from 48 standard assemblies or customize.
- Optional SAGE™ Building System interface with integral data-logging to support AHSRAE 188 Monitoring and Reporting Compliance.
- Water temperature raised above Legionella survival levels on every recirculation cycle.

### Digital-Flo™ Instantaneous Boiler Water/Water PHE Water Heater



#### Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Choose from 40 standard assemblies or customize.
- Optional SAGE™ Building System interface with integral data-logging to support AHSRAE 188 Monitoring and Reporting Compliance.
- No need for modulating pump control.



### The Brain® Digital Recirculation Valve (DRV)

Armstrong introduced digital water temperature control to the world with The Brain® Digital Recirculation Valve (DRV). Engineered exclusively for recirculating hot water systems, The Brain® simplifies your hot water system to deliver unparalleled accuracy, stability and safety. It offers programmable temperature alerts and a program to promote compliance with recommended Legionella guidelines.



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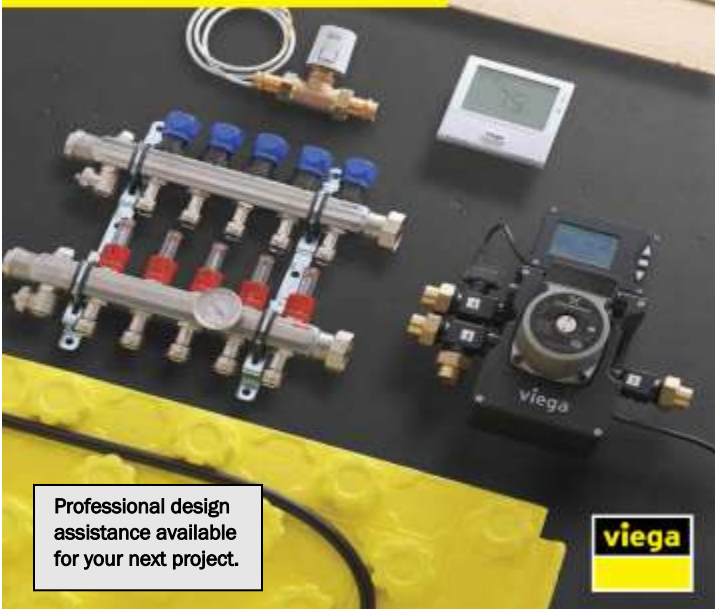


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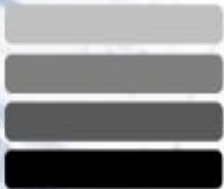
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<b>ABT – Polydrain</b> <a href="http://www.abtdrains.com">www.abtdrains.com</a>	Pre-sloped polymer trench drains, <b>Trench Former</b> – pre-sloped trench drains systems.
<b>Apollo Flow Controls / Elkhart Products</b> <a href="http://www.apolloflowcontrols.com">www.apolloflowcontrols.com</a> <a href="http://www.elkhartproducts.com">www.elkhartproducts.com</a>	<b>Conbraco Apollo Flow Control</b> backflow prevention products and <b>Elkhart Products</b> wrought copper tube fittings, cast fittings and EPC engineered push-fit fitting brands include <b>TECTITE</b> and <b>CopperLOC</b> .
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<b>Cool Drain Flow</b> <a href="http://www.cooldrainflow.com">www.cooldrainflow.com</a>	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.
<b>Creative Industries</b> <a href="http://www.creative-terrazzo.com">www.creative-terrazzo.com</a>	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.
<b>Eemax</b> <a href="http://www.eemax.com">www.eemax.com</a>	Electric Instantaneous water heaters, DI and booster heaters, emergency shower eyewash heaters, <b>AutoBooster</b> hot water tank booster system.
<b>Hydrotek</b> <a href="http://www.hydrotekintl.com">www.hydrotekintl.com</a>	Sensor operated flush valves and faucets available in both battery and AC options.
<b>Just Manufacturing</b> <a href="http://www.justmfg.com">www.justmfg.com</a>	Stainless steel commercial, institutional & residential sinks and scrub sinks. <b>CuVerro</b> copper antimicrobial sinks.
<b>Keltech</b> <a href="http://www.Keltech-inc.com">www.Keltech-inc.com</a>	Electric Instantaneous water heaters. (A subsidiary of Bradley Corporation)
<b>Kemper Water Control</b> <a href="http://www.kemperwatercontrol.com">www.kemperwatercontrol.com</a>	Engineered <b>Flow Splitter</b> and <b>Balancing Valve</b> system technology for potable water and Legionella mitigation solutions.
<b>Liberty Pumps</b> <a href="http://www.libertypumps.com">www.libertypumps.com</a>	Sump, drain and condensate, utility, transfer, effluent and sewage pumps, <b>Omnivore</b> and <b>ProVore</b> grinders, <b>Accent II</b> macerating toilet system and engineered pump system packages.
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<b>Oasis International</b> <a href="http://www.oasiscoolers.com">www.oasiscoolers.com</a>	Oasis International, headquartered in Columbus, Ohio, manufactures and distributes a wide range of water dispensing solutions under the <b>Oasis</b> and <b>Sunroc</b> brands.
<b>Plumberex</b> <a href="http://www.plumberex.com">www.plumberex.com</a>	<b>Pro-Extreme</b> , <b>Trap Gear</b> , <b>Handy Shield Maxx</b> and <b>Clear Shield</b> lavatory trap and riser insulation kits. <b>Mushroom Flange</b> and <b>Floor Sink Carrier</b> specialty products.
<b>Raychem / nVent Thermal Solutions</b> <a href="http://www.nVent.com">www.nVent.com</a>	<b>HWAT</b> self-regulating heating cable system for domestic hot water, <b>XL-Trace</b> , <b>Gardian</b> and <b>WinterGard</b> freeze protection cable, <b>Pyrotex MI</b> and <b>Electromelt</b> snow and anti-icing cable, <b>IceStop</b> , <b>RIM</b> and <b>FrostGuard</b> roof and gutter de-icing cable, <b>RaySol</b> , <b>NuHeat</b> floor warming and freezer frost heave cable.
<b>RIIFO</b> <a href="http://www.riifo.com">www.riifo.com</a>	PEX Tubing, PEX-AL-PEX Tubing, fittings, manifolds, tools and accessories.
<b>Schott Scientific Glass / Kimax</b> <a href="http://www.us.schott.com/drainline">www.us.schott.com/drainline</a>	Glass piping for acid waste and containment piping systems. <b>Knight-Ware</b> acid neutralizing sumps.
<b>Tight Seal Gasket</b> <a href="http://www.tightsealgasket.com">www.tightsealgasket.com</a>	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.
<b>TOTO USA</b> <a href="http://www.totousa.com">www.totousa.com</a>	Global Manufacturer of Residential and Commercial Plumbing Fixtures, <b>Washlet</b> toilet seat, <b>NeoRest</b> toilets and Accessories.
<b>Wade Drainage</b> <a href="http://www.wadedrains.com">www.wadedrains.com</a>	Cast iron floor drains, floor sinks, roof drains, cleanouts, carriers, interceptors, hydrants, shock absorbers, trap primers, access covers, trench drains, Siphonic Roof Drainage System.
<b>Water Control Corporation</b> <a href="http://www.watercontrolinc.com">www.watercontrolinc.com</a>	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.
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