

Chapters are not authorized to speak for the Society, the views and opinions of this Chapter are those of the respective authors and do not necessarily reflect the official policy or position of the Society or its staff.



DECEMBER NEWSLETTER

TOPIC: GREASE INTERCEPTORS

PRESENTER: PAUL CAVALLUZZI - SCHIER PRODUCTS

**WHEN: WED., DECEMBER 9
11:45 am - 1:30 pm**

WHERE: VIA ZOOM MEETING @
<https://moseleyarch.zoom.us/j/99104807529>
(highlight web address then right click & select Go To...)

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eric@bayassociates.com

GREETINGS FROM THE BOARD

President's Message

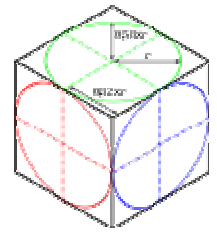
As the holiday's approach we often take time to reflect on our blessings. We are truly thankful for the support and interest in our Richmond Chapter and I personally would like to thank everyone for continuing to do all that you do to make this such a personable and supporting chapter. Please make sure to take time to focus on yourselves and family this holiday season. Remember to join our virtual Zoom meeting for this upcoming technical meeting as well. If you do not have the Zoom invite or have misplaced it, please do not hesitate to reach out to me and I will make sure you receive it.

We are continuing to book for our next 2021-2022 season meetings and they're starting to fill up. So if you are interested in presenting next season, please reach out to Mischa or myself for availability.

As always, if you have any questions or concerns, please do not hesitate to reach out to myself or anyone on the board.



Joshua H. Landis, CPD
President, ASPE Richmond Chapter



TECHNICAL LINE UP:

- **JANUARY 13TH, 2021 (VIRTUAL VIA ZOOM)**
 - **TOPIC: ENGINEERED INFECTION PREVENTION**
 - **PRESENTER: CARMEN GONZALES WITH FRANKE COMMERCIAL**
 - **SPONSOR: FRANKE COMMERCIAL**

- **FEBRUARY 10TH, 2021 (VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED))**
 - **TOPIC: VACUUM PLUMBING SYSTEMS**
 - **PRESENTER: RON MIMS WITH ACORN VACUUM**
 - **SPONSOR: REPSOUTH**

- **MARCH 10TH, 2021 (VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)**
 - **TOPIC: SELECTING PLUMBING FIXTURES FOR COMMERCIAL RESTROOMS IN HEALTHCARE FACILITIES**
 - **PRESENTER: BETTY DABNEY WITH W.G. LESEMAN**
 - **SPONSOR: W.G. LESEMAN**

- **APRIL 14TH, 2021 (VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)**
 - **TOPIC: DOMESTIC WATER BOOSTER PUMP SIZING FOR EFFICIENCY**
 - **PRESENTER: ED ROSS WITH QUANTUMFLO**
 - **SPONSOR: OTTO SALES**

- **MAY 12TH, 2021 (VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)**
 - **TOPIC: TBD**
 - **PRESENTER: TBD**
 - **SPONSOR: THE JOYCE AGENCY**

VP MEMBERSHIP - ROB GRUBBS



It's never too late to join ASPE! The monthly meetings are just one of the advantages to becoming a member. Current members, please encourage your colleague's to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.

LET'S CELEBRATE!



BIRTHDAYS

Aaron Eastwood	12/2
Jay Otto	12/2
Vic Hines	12/21
Keith Workman	12/22
Jeff Mortensen	12/23

ANNIVERSARIES

Jeff Mortensen	12/10/2001
Steve Lyons	12/14/2001
Manan Haji	12/21/2006
Lars Frost	12/10/2013

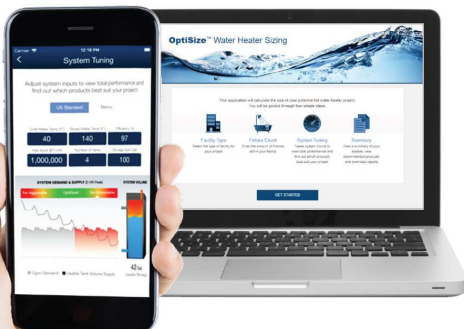
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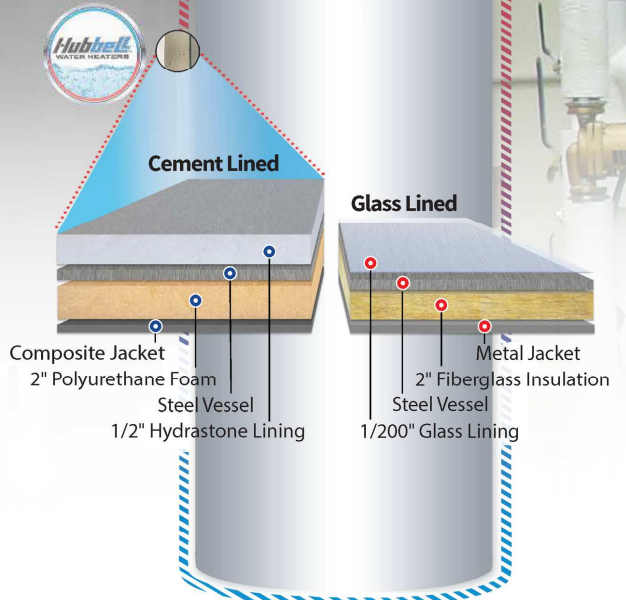
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For More Info **Eric Geisendaffer**
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TECHNOLOGY OVERVIEW

Our iQ3001 floor-standing units deliver the highest capacity in the industry – up to 3 million BTUs – with no storage tanks required. Designed for very large volume, commercial applications, these high-input units slash capital costs by up to 50%, and decrease operational costs by up to 40%, when compared to traditional tank-type systems.

iQ3001 delivers approximately 3.0 million BTU/hr

iQ2001 delivers approximately 2.0 million BTU/hr

iQ1501 delivers approximately 1.5 million BTU/hr

iQ1001 delivers approximately 1 million BTU/hr

iQ751 delivers approximately 750,000 BTU/hr

- **Masterless Cascading** – Up to two iQ3001 floor units can be cascaded for unprecedented capacity up to 160 GPM at a 70°F rise. Eliminate single-point failure with our patented Masterless Cascading technology. If one unit is offline for servicing, all other units regroup and continue to operate.
- **High Turndown Ratio** – With an industry leading turndown ratio, 100:1, our units provide unparalleled gas savings.
- **Compact Unit** – Featuring a 30" width and a 1645 lb. weight, iQ floor units fit through elevator doors and are ideal where space is at a premium.



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MLE MOTOR

- Grundfos integrated variable frequency drive and motor combined eliminates complexity by matching variable speed motor, drive and control logic components

MANIFOLDS

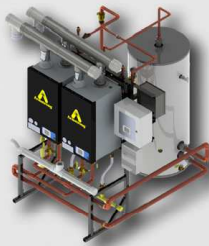
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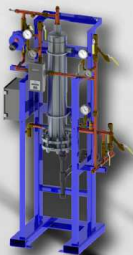
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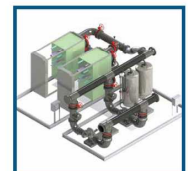
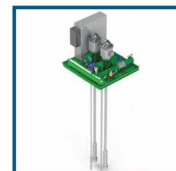
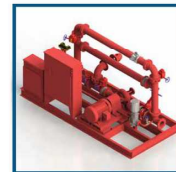
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- Environmental Sustainability of Cast Iron Soil Pipe Production and Use
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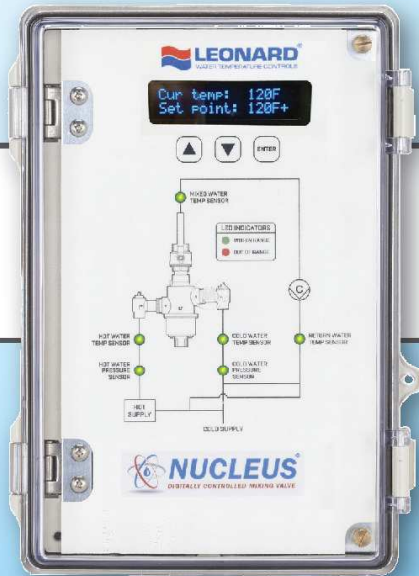
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Bradford White is an American, employee-owned company founded in 1881 with a simple vision, to deliver high-quality water heaters made by American craftspeople. They currently employ over 2,300 people and have four locations in America, with headquarters in Philadelphia, Pennsylvania, and three manufacturing plants in Middleville and Niles, Michigan, and Rochester, New Hampshire. Bradford White is Built to be the Best and American Strong.



www.eemax.com

Eemax was established in 1988 and located in Waterbury, Connecticut. They are the number-one supplier of tankless electric water heater solutions in America. For over 25 years, they have offered energy-efficient, on-demand hot water heaters for commercial applications, residential homes, industrial and safety applications.



www.oatey.com

Oatey Company was founded in 1916 with headquarters in Cleveland, Ohio. They are the leading manufacturer of solvent cement, roof flashings, washing machine outlet boxes, and hundreds of other plumbing specialty products. They are the parent company to other American-owned and operated brands, including **Keeney, QuickDrain USA, Cherne, Harvey, and Hercules**, with 18 locations worldwide.



www.tracpipe.com

OmegaFlex was established in 1975 and located in Exton, Pennsylvania. They lead the flexible metallic piping industry with over 200 registered patents worldwide. In 2004, they introduced the **TracPipe CounterStrike** flexible gas piping used for natural and propane gas for residential and commercial applications.



www.watts.com

Watts was established in 1874 by Joseph Watts, the inventor of water pressure regulators. They are headquartered in North Andover, Massachusetts, with 10 locations in the United States, and 50 locations worldwide. They are the parent company to several brands, also located in the United States, including **Ames, Backflow Direct, Dormont, Mueller Steam, and Powers**. They proudly support the Buy American Act on a number of their products.

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Mike McCarthy
Technical Manager-Mid Atlantic Region

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INDUSTRY OPPORTUNITIES

If you'd like to advertise your employment opportunity here, please contact one of the list board members above.

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Plumbing Designer/Engineer - Richmond, VA - #EP-L34

Baskervill has an immediate need for a Plumbing Designer to Support our Plumbing Department on a variety of projects.

RESPONSIBILITIES

Develop construction documents (drawings, models, details, schedules, and specifications) working in Revit. Conduct site inspections/surveys to obtain key field data; reviewing RFI's and shop drawings, coordinating with other disciplines, and attending project meetings.

QUALIFICATIONS

- Bachelors/2-Year technical degree in Mechanical Engineering/Plumbing focus.
- CPD preferred
- 5 to 7 years of commercial experience, at least 3 in plumbing design.
- Working knowledge of plumbing code
- Exceptional communication skills to coordinate with other disciplines and function in a collaborative environment.
- Proficiency in Revit required. Other related software a plus.

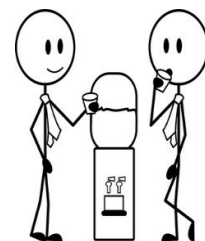
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TALK AROUND THE WATER COOLER...

Check-out these sites for interesting and educational topics & tools to stay up to date!



2020 ASPE DIGITAL EXPERIENCE EXCEEDS EXPECTATIONS!

Thousands of industry professionals from all over the world spent time in our online Expo Hall on December 1-3 to chat with our nearly 100 exhibitors and learn about their new plumbing products and technologies. ASPE members also were able to listen to our keynote speakers and live technical sessions, as well as network with speakers and other attendees in our breakout sessions.

If you weren't able to join live, don't worry. The Expo Hall and technical sessions will be available until January 31, 2021. You can sign up and view them at your convenience at expo.aspe.org.



Some recent excerpts:

1. Want to Become Certified in Plumbing Design in 2021?

ASPE's CPD program offers the only international credential in the plumbing engineering field, and it provides formal recognition of outstanding professionals with advanced skills in the design and specification of plumbing systems. The 2021 exam will be held via remote proctor on April 5-16, and registration opened Nov. 23, 2020. Visit [ASPE.org](https://www.aspe.org) to learn more about eligibility and certification requirements.

2. ASPE Is Accepting Applications for the 2021 Alfred Steele Scholarship?

Each year ASPE awards up to \$3,000 to qualified students through the Alfred Steele Scholarship, and the deadline to apply is January 31. To be eligible, you must be an ASPE member or the spouse or child of an ASPE member, have a GPA of 3.0 or higher, and be in or plan to attend an engineering program full-time at a college, university, or technical school. More information at [ASPE.org](https://www.aspe.org).

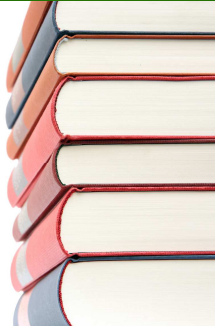
3. Want to Learn More About Emergency Equipment?

In the latest Pipeline Exclusive article, author David Dexter, FNSPE, FASPE, CPD, CPI, LEED BD+C, PE, delves into the development of emergency equipment standards and design requirements. More information at [ASPE.org](https://www.aspe.org).

4. Excerpt From the President's Pen - ASPE: Another Chapter

We are at the time of year when we start to expand, redefine, and evolve ASPE committees. We soon will be sending out our call for members for the following committees: Bylaws, Credentialing, Education, Legislative, Long-Range Planning, Membership, Nominating, and Technical & Research. You can find a description of all of these committees at [aspe.org/membership-global-community/committees](https://www.aspe.org/membership-global-community/committees). Filling our committees with more members will continue to strengthen ASPE. I believe the success of these committees lies squarely with the passion and talents of our members. Find the entire article at <https://www.aspe.org/pipeline/aspe-another-chapter/>

EDUCATION STATION

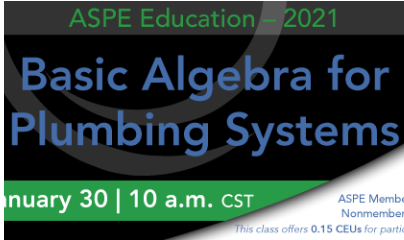


ASPE has recently revamped their learning platform!! The new site is education.aspe.org. All educational programs and articles have transitioned over to the new site now. If you are looking to earn CEU's and/or enhance your skills and knowledge then this is the site for you! Once in the site Sign in (top right) using your **ASPE Connect credentials**. If you have not activated your ASPE Connect credentials, go to this link to reset your ASPE Connect password: <https://connect.aspe.org>.

A Few Spots Are Still Available in Our Next Basic Algebra Class

This second course will be held on Jan. 30, 2021. Instructors Michael Danielson, CPD, GPD, and Donald Taylor, CPD, GPD, will lead a short course on basic plumbing calculations such as the Spitzglass, Weymouth, and Manning formulas, fixture outlet flow, hot and cold water mixing, and more. The class awards 0.15 CEUs and is limited to 25 people. The cost is \$70 for ASPE members and \$130 for nonmembers.

Details & Registration at: <https://education.aspe.org/products/basic-algebra-for-plumbing-systems-class-january-2021>



THIS MONTH IN THE 2020 BOOK OF THE MONTH PROGRAM FOR ASPE MEMBERS IS THE DIGITAL COPY OF PHARMACEUTICAL FACILITIES PLUMBING SYSTEMS. THROUGH NOVEMBER 30, 2020, YOU CAN PURCHASE THE PDF VERSION OF THIS HANDBOOK FOR 35% OFF THE REGULAR MEMBER PRICE. JUST ENTER COUPON CODE GIVETHANKS WHEN YOU CHECK OUT.