

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.



## NOVEMBER NEWSLETTER

**TOPIC: THE FUTURE OF DIGITAL MIXING VALVES**

**PRESENTER: RICK DODD - LEONARD VALVE CO.**

**WHEN: WED., NOVEMBER 11  
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...)**

### INSIDE THIS ISSUE:

Greetings from the Board  
Page 2

Technical  
Page 3

Membership  
Page 4

AYP  
Page 5

Industry Ads  
Page 6-22

Industry Opportunities  
Page 23

News  
Page 24

Education  
Page 25

## BOARD OF DIRECTORS:

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eric@bayassociates.com

# GREETINGS FROM THE BOARD

## President's Message

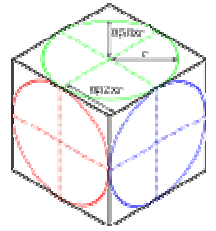
*We're continuing to see great attendance of our virtual meetings and I thank everyone for your patience as we workout all the kinks. Please be sure to set your Zoom user name in the meetings to your actual name as it helps for CEU's and tracking purposes for attendance. As social distancing and additional guidelines are modified and/or changed, we will keep everyone up to date on our meeting plans and changes. Currently, we are still planning to remain virtual at least through our January meeting.*

*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:

- **DECEMBER 9TH, 2020 (VIRTUAL VIA ZOOM)**
  - **TOPIC: GREASE INTERCEPTORS**
  - **PRESENTER: PAUL CAVALLUZZI**
  - **SPONSOR: VA MARKETING**
  
- **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

Marie Slagle	11/7
Peter Pastore	11/20
Bill Kirkpatrick	11/23
Randall Merkel	11/26

### ANNIVERSARIES

Vic Hines	11/9/1994
Marie Slagle	11/13/2014
Michael McCarthy	11/3/2017
Brandon Miller	11/6/2019

# AYP RICHMOND - ERIC GEISENDAFFER



AYP Richmond is holding a joint event with AYP Blue Ridge, Philly, DC and Baltimore Chapters. Prepare for your mind to be blown on Thursday, November 19, 5:30-6:30 PM!

Join us for an experience like no other. Keelan Leyser, World Renowned Digital Illusionist, will provide us with a fully interactive, virtual digital magic and mind reading show that happens right through your screen. Keelan Leyser has been on over 100 television shows, performed in over 60 countries, and he was voted the British Magic Champion by his peers. Keelan has hundreds of thousands of followers across social media. Join us for a one of a kind close up interactive experience you won't forget!

This event will be capped at 30 participants and a registration link will follow soon. A special thank you to the Baltimore Chapter for agreeing to sponsor this event for the Mid-Atlantic AYPs.

Thanks,  
Eric Geisendaffer  
Richmond AYP



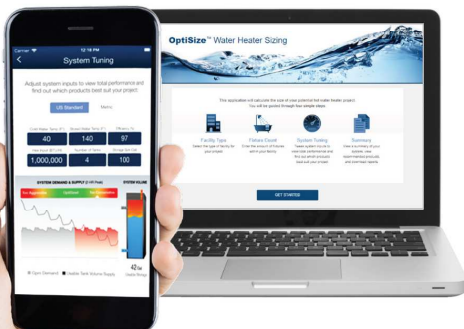
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For More Info **Eric Geisendaffer**  
[eric@bayassociates.com](mailto:eric@bayassociates.com)

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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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### MANIFOLDS

- Hygienically designed 316 stainless steel manifolds guarantee protection against corrosion



# INDUSTRY ADS

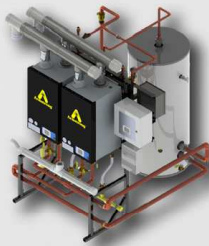
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## PROGRAMMABLE OPERATION AND FLOW CONTROL



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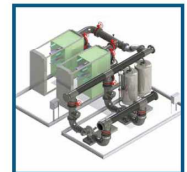
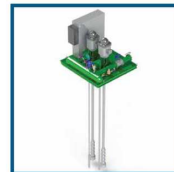
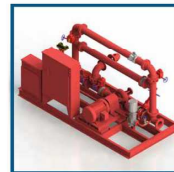
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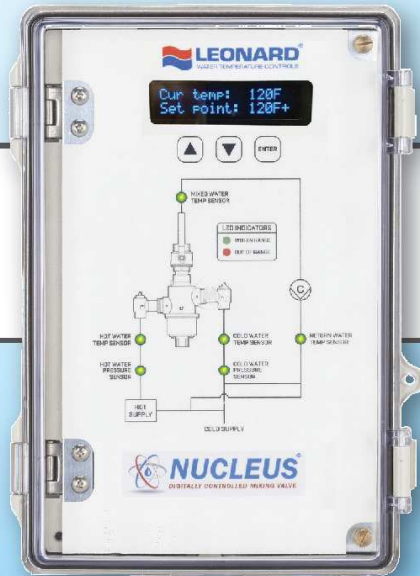
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**Bradford White** is an American, employee-owned company founded in 1881 with a simple vision, to deliver high-quality water heaters made by American craftspeople. They currently employ over 2,300 people and have four locations in America, with headquarters 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](http://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](http://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](http://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](http://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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# INDUSTRY ADS

**Mike McCarthy**  
Technical Manager-Mid Atlantic Region

The logo for Viega, featuring the word "viega" in a bold, lowercase, sans-serif font. The letters are white and set against a dark grey rectangular background. Below this background is a solid yellow horizontal bar.

Viega LLC  
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[michael.mccarthy@viega.us](mailto:michael.mccarthy@viega.us)

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##### **Full Page Newsletter (per season)**

ASPE Member \$375

Non-Member \$450

##### **Half Page Newsletter (per season)**

ASPE Member \$275

Non-Member \$350

##### **Business Card Newsletter (per season)**

ASPE Member \$75

Non-Member \$150

#### Meeting Tabletop Costs

##### **Per Meeting**

ASPE Member \$80

Non-Member \$100

##### **Per Year (8-9 Meetings)**

ASPE Member \$450

Non-Member \$550

# INDUSTRY OPPORTUNITIES

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

## **BASKERVILL**

### **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**

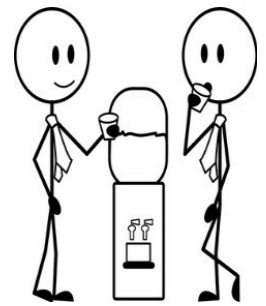
- Bachelors/2-Year technical degree in Mechanical Engineering/Plumbing focus.
- CPD preferred
- 5 to 7 years of commercial experience, at least 3 in plumbing design.
- Working knowledge of plumbing code
- Exceptional communication skills to coordinate with other disciplines and function in a collaborative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

*Salary will commensurate with experience.*

Please email resume, work sample, and salary requirements and reference Job No. EP-L34 for consideration to [careers@baskervill.com](mailto:careers@baskervill.com). If you are disabled or otherwise unable to apply online please mail to: Baskervill, PO Box 400, Richmond VA, 23218.

Baskervill is an E/O/E/M/F/D/V and drug-free environment.

# TALK AROUND THE WATER COOLER...



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



## REGISTRATION IS OPEN!

You are invited to attend the 2020 ASPE Digital Experience taking place December 1-3, 2020. Gain access online to interactive education, a dynamic exhibitor showcase, and unique connection opportunities. Find the people, products, companies & innovations you need to grow your business from the comfort of your home or office. **All education sessions complimentary for ASPE members!** You can access all registrations at this link <https://expo.aspe.org/register>

## ASPE Pipeline

News for the Plumbline System Design Industry

### Some recent excerpts:

#### 1. The Risk of Using a Modified ASTM E84 Standard

Recently the industry has started to see the term “modified” on testing reports. However, “modified” does not mean the outcome meets the strict building code requirements and is creating all sorts of confusion and risk. Confusion occurs when the test parameters are manipulated in an attempt to get the product to meet the minimum flame and smoke characteristics.

Read more @ <https://www.aspe.org/pipeline/the-risk-of-using-a-modified-astm-e84-standard/>

#### 2. Did You Miss the Webinar on Building Water Management?

As with all ASPE webinars, "Automated Technology for Building Water Management" will be archived on ASPE Education so you can view it at your leisure to learn how automation can improve the user experience, save water and energy, and support fundamental Legionella control measures. Sponsored by GF Piping Systems, this webinar is free for ASPE members and offers 0.1 CEU.

Registration at <https://education.aspe.org/products/automated-technology-for-building-water-management-improving-potable-water-distribution-efficiency-and-safety-webinar>

#### 3. ASPE Announces Intent to Revise Stormwater Harvesting Standard

ARCSEA/ASPE/ANSI 78-2015: Stormwater Harvesting System Design for Direct End-Use Applications was developed by a joint effort of the American Rainwater Catchment Systems Association and ASPE to assist engineers, designers, plumbers, builders/developers, landscape and irrigation professionals, state and local government, and end users in implementing a stormwater harvesting system while protecting public health and safety. For more information, contact Gretchen Pienta at [gpienta@aspe.org](mailto:gpienta@aspe.org).

#### 4. New Guide Addresses Stagnant Water in Buildings with Low Occupancy

At a time when many buildings are not fully occupied due to COVID-19, the AWWA and the IAPMO have developed a guide titled *Responding to Stagnation in Buildings with Reduced or No Water Use* to help building managers address water system stagnation. More at <https://www.aspe.org/pipeline>



# EDUCATION STATION



ASPE has recently revamped their learning platform!! The new site is [education.aspe.org](https://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>.

## **\*ADVANCED NOTICE\*** Ace the Calculations Needed to Design Cost-Effective Plumbing Systems

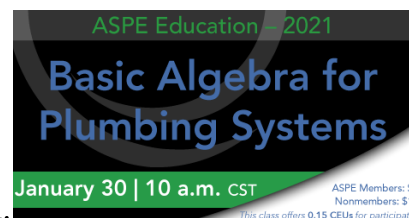
The original class scheduled for Nov. 11 SOLD OUT!

Due to popular demand the course will be held again 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>



## **Electric Tankless Heater Design, Application and Pitfalls Webinar**

Another Free Webinar for ASPE members on November 19 at 2 PM (ET)!

This course will highlight technology and product differences across the industry for electric tankless water heaters, including product level components, operation, and system impact. By better understanding how the products work, we can specify them more accurately and avoid field failures from misapplication. This webinar offers 0.1 CEU

Register at: <https://education.aspe.org/>



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.