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## February Meeting

Tuesday February 15, 2022

### Main Meeting:

The HVAC System's Role in Improving Environmental Air Quality in Buildings of all Types **1.0 PDH**

### Tech Session:

Basic Review of Various Tools used in the Application of Ionization Devices

Register [Here](#)

See page 3 for additional details

### Meeting Manager:

Eric Edman  
c001his@ashrae.net

### Where:

Embassy Suites Waltham  
550 Winter Street  
Waltham, MA 02451

### Meal:

Plated Dinner

### Time:

4:30-5:30 BOG Meeting (all are welcome!)  
5:30-6:30 Tech Session  
6:30-7:15 Registration  
7:30-8:30 Main Meeting

### Cost:

Members—\$50  
Non Members—\$60  
ASHRAE Student Members with RSVP—Free

## PRODUCT SHOW POSTPONED!

Due to the ongoing Covid pandemic the Boston ASHRAE Chapter has decided to postpone the product show that was originally scheduled for April 12th of this year. It will instead be held on Thursday **November 3rd, 2022** at the Quincy Marriott. It is our goal that delaying the show will result in higher customer and exhibitor attendance and will be safer for everyone.



## President's Message

Hi Everyone,

I wanted to thank everyone who attended our first in-person meeting of the year on January 11th! The January meeting was on Boiler and Appliance Vent Sizing. I also want to thank the speaker Larry Rohskopf from Jeremias Group for taking the time to come speak with us. If you want to learn more about him, please read the previous newsletter for a quick bio.

We have our upcoming meeting on February 15th. This meeting will be located at the Embassy Suites in Waltham. We will have a tech session presentation on Various Tools Used in the Application of Ionization Devices. Our main meeting will be on The HVAC System's Role in Improving Indoor Air Quality in Buildings of All Types. More information is available within this newsletter and on the chapter website. The main meeting presentation is approved for 1.0 PDH so please make sure to sign up for that if you need them!

If you haven't heard yet, we have made the decision to postpone the product show until the Fall of 2022. It was a hard decision to make but with the uncertainty of how the Omicron variant will fare, we want the attendees and the exhibitors to feel as safe as possible. We will send out more information about the new date soon and we hope to see everyone there!

That being said we do not plan on cancelling any more upcoming events like the golf outing and the monthly meetings. We hope that we can keep having forward momentum and return to all in person events for the remainder of this ASHRAE season!

If you are interested in getting involved or volunteering with the Boston chapter, please get in touch with me and we will have you join our planning meeting to see how you can get involved. We are always looking for volunteers to help out; there are multiple committees currently looking for volunteer support!

Please email me at [c001@ashrae.net](mailto:c001@ashrae.net) or contact any of the volunteers with questions, concerns, or suggestions to help improve our chapter.

Thank you all,

William Cunningham

ASHRAE Boston Chapter President



President  
Will Cunningham  
BR+A

## January Meeting Recap

Eric Edman

The January meeting was our first in-person meeting since the start of the pandemic. It was one of the best meetings in recent months with a distinguished lecturer at the podium. The evening was full of open questions and answers from the audience and the speaker. It was an honor to serve as your impromptu meeting manager and the speakers were given a special gift of Christmas Ale made by your chapter historian. The topic of chimneys and flues is an important one for so many reasons and the speaker held the crowd at the edges of their seats. We certainly look forward to the February meeting and of course our joint March meeting with our brethren at AEE. Further details for February are in this newsletter and more details for March will be available soon!

All my best,

Eric Edman

[c001his@ashrae.net](mailto:c001his@ashrae.net)



## FEBRUARY MEETING

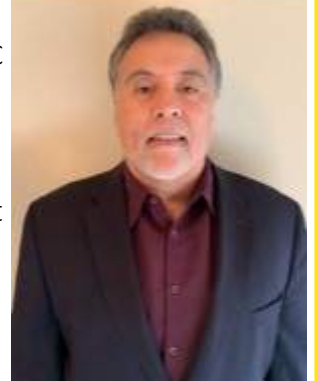
### Tech Session:

#### Basic Review of Various Tools Used in the Application of Ionization Devices

Basic review of various tools used in the application of ionization devices will be presented with pictures in a basic show and tell format. A basic installation video will be presented. An ion to space calculator will be presented to aid in the application of devices in the built environment. We will go over the usage of the ion space calculator and learn how it helps decide placement of devices to optimize ion density in the space. Closer is always better, but sometimes that is not practical and the calculator can help with that.

#### Speaker Bio:

Lawrence Bettello is VP of Sales-Northeast for Global Plasma Solutions in Charlotte, NC with over 40 years of experience in the HVAC field. Most of his experience has been in Branch, District and Regional Mgt. roles for manufacturers such as York International, Johnson Controls and Carrier Corporation. Most of his focus in the past has been on service and large projects including the rebuilding of the Central Chilled Water Plant at the World Trade Center (largest CW Plant in the world at the time) after the 1993 bombing. He is a graduate of Alfred State College and is based out of Pomona, NY. Larry can be reached at [larry.bettello@globalplasmasolutions.com](mailto:larry.bettello@globalplasmasolutions.com) or 845-521-5258.



### Main Meeting: 1.0 PDH

#### The HVAC System's Role in Improving Environmental Air Quality in Buildings of all Types

The time has come to fully recognize the presence of airborne contaminants in the indoor environment, including but not limited to the virus SARS-CoV-2 which results in the disease COVID-19. Concern now revolves around recent guidance suggesting that we have not seen evidence of SARS-CoV-2 transmission through HVAC systems, which could mean it is not being removed from the space and returned to HVAC unit mounted air cleaning devices to be treated. It appears it may be remaining in the occupied environment as an ongoing issue of concern to people breathing that air. What does this mean to facility management and HVAC professionals looking to proactively improve indoor settings to help reduce the risk from airborne contaminants? This presentation will make available the most recent information on the subject, and it will help address what we can consider doing to help produce more productive built environments.

#### Speaker Bio:

David Schurk DES., CEM., LEED-AP., CDSM., CWEP., SFP., CIAQM., CHC., ASHRAE Distinguished Lecturer is the Director of Healthcare and Applied Engineering Markets for Global Plasma Solutions in Charlotte, NC. He is a Licensed Designer of Engineering Systems and has over 40-years of experience in the design and analysis of heating, ventilating, and air-conditioning systems for a variety of market sectors, with a special focus on aerospace and healthcare facilities. David has authored various technical articles for major industry trade journals and magazines, along with being a featured presenter at regional and national industry events. He can be reached at 920-530-7677 or [david.schurk@globalplasmasolutions.com](mailto:david.schurk@globalplasmasolutions.com).



#### Food:

Artisanal Rolls & Sweet Butter

Baby Field Greens Salad

Herb Crusted Salmon & Vegetable Rice Pilaf

Sauteed Seasonal Vegetables

Chefs Choice Dessert

Cash Bar 5:00-6:30 pm

## March Meeting - Wednesday March 2nd Joint Meeting with AEENE!



**Location** Virtual Meeting, link for signup will be sent out when available  
**Time** 4:30—6:00 pm  
 4:30 pm – doors open virtually  
 5:00 pm—AEENE and ASHRAE Boston Chapter Announcements and presentations

### Introduction , Net Zero, BERDO 2.0

Steve Di Giacomo (EMA—Principal Engineer) and Kathleen McKenna are AEE NE Board Members and the hosts of this meeting. Steve Di Giacomo will begin the presentation by defining what Net Zero means, provide a quick update on BERDO 2.0 (which is now law) including how to assess non-compliance penalties, and give a few strategies for existing buildings march toward Net Zero.

### Net Zero Energy and Electrification: New and Existing Buildings

Kate Crosby is the Acton Boxborough Regional School District Energy Manager. Kate will be presenting a Net Zero geothermal water source heat pump school with solar PV + Battery that is currently in construction.

**Kate Crosby** has served as Energy Manager at Acton-Boxborough Regional School District for a decade. She oversees aggressive energy conservation and efficiency initiatives, resulting in a 35% reduction in electricity & natural gas consumption over the FY2009 benchmark. She has been deeply engaged in energy and sustainability for the new Net Zero all-electric geothermal 177,000 s.f. Douglas-Gates School Building, opening Summer 2022. She led the installation of a 2MW/4MWH battery array on the main campus. She is leading “Electrification Roadmap” planning currently underway supported by a \$70,000 state grant, identifying strategies and timeline for electrification of existing school buildings.



**Dom Puniello, PE, CEM, LEED AP** is the HVAC Department Principal at GGD Consulting Engineers. GGD was the consulting engineering firm for the Acton-Boxborough Regional School District Project. Mr. Puniello is a Principal and Professional Engineer with over 24 years of mechanical engineering design experience. At GGD Consulting Engineers, Inc. he directs the Mechanical (HVAC) department and provides supervision and direction to his engineering team through all stages of the project, including conceptual system selection and development, lifecycle cost and energy analysis, design, construction administration, and project closeout.



### Update on Air & Water Heat Pump Capabilities and Applications

**Eric Tobiassen** from Mitsubishi Electric Trane HVAC will provide an update on current availability and options for different air-source and water-source heat pumps and their applications. Eric Tobiassen is an Area Sales Manager at Mitsubishi Electric. He graduated from Syracuse University with a Bachelor of Science degree in Mechanical Engineering and a minor in Engineering Management. For the past eleven years, Eric has been working in the engineering sales community in the HVAC industry. Eric works closely with consulting engineering firms by offering training and assistance with designing VRF and domestic hot water heat pump systems.



**Additional Information** and a link to register will available later this month via email and both chapter websites.

## 2022 Product Guide

Hello Everyone! My name is Leandro Araujo. I am the 2022 ASHRAE Boston Product Guide Publisher. The Product Guide Webpage (linked [here](#)) contains the 2021 Product Guide and a link to provide payment for 2022. The fee for the 2022 Product Guide will be \$200 for a one-page line card. Please send your line cards, product and service lists using ASHRAE’s templates to [Leandro@TrumbullCampbell.com](mailto:Leandro@TrumbullCampbell.com)

Thank you,  
Leandro Araujo



## Product Show 2022 Update

Ladies and Gentleman, ASHRAE members and Guests, it is with an abundance of caution that the Board of Governors and Product Show committee have decided to postpone our beloved product Show from April 12, 2022 to November 3, 2022. The new date for the product show is November 3, 2022. The location remains the same at the Quincy-Boston Marriott hotel. Further details will be announced and notice will be provided to all past exhibitors and anyone else who would like to have a booth at our famous Product Show. If you have any questions whatsoever, you are encouraged to email the product show committee or attend one of our chapter meetings between now and then.

Thank you ever so much.

Sincerely,

Chair: Amy Gebhardt, [c001bog1@ashrae.net](mailto:c001bog1@ashrae.net)

Co-Chair: Eric Edman, (617) 925-8325, (617) 548-7054, [c001his@ashrae.net](mailto:c001his@ashrae.net)



# SAVE THE DATE

Granite Links Gold Club  
Quincy, MA

2022 ASHRAE Golf Tournament



May 16, 2022  
1:00 pm Shotgun Start

As we are in the middle of winter, we hope this message comes with hope that we can get through the cold together and look forward to the annual ASHRAE Golf Tournament. We will be holding this year's tournament at Granite Links Golf Club in Quincy again. The event will take place on Monday, May 16th. The shotgun start will be at 1:00pm, with awards, acknowledgements, and dinner following the round of golf. All profits will be going towards the ASHRAE research funds. Be on the lookout for upcoming messages, on when registration will open, as the foursomes will fill up quick. We look forward to another year of good times on the golf course. If there are any questions in the meantime, please reach out to one of the members of the golf committee.

Matt Hallock, Trevor Jones, and Benjamin Almond

[matt@trumbullcampbell.com](mailto:matt@trumbullcampbell.com), [trevor.jones@hts.com](mailto:trevor.jones@hts.com), [Benjamin.almond@hts.com](mailto:Benjamin.almond@hts.com)

## Government Affairs

By Mallory Epstein

Boston ranked #5 for the 2021 City Clean Energy Scorecard according to the American Council for an Energy-Efficient Economy (ACEEE), moving down from #2 in 2020. The report analyzed 100 major U.S. cities on their clean efforts including policies and programs to advance energy efficiency. Cities are ranked based on 5 policy areas: local government operations, community-wide initiatives, buildings, energy and water utilities, and transportation. Below is a summary of Boston's score for each category:

- COMMUNITY-WIDE INITIATIVES (5.5 OF 15 POINTS)
  - ◊ The Resilient Boston plan, Smart Utilities Policy, and Local Wetlands Ordinance all contribute to Boston's climate change mitigation goal through accessible transportation, emission reduction technologies, and mitigation of the urban heat effect.
- BUILDINGS POLICIES (19 OF 30 POINTS)
  - ◊ Boston introduced additional policies and requirements for buildings to achieve solar/EV readiness, LEED certifications, and energy reduction strategies.
- TRANSPORTATION (22.5 OF 30 POINTS)
  - ◊ Easy access to public transit and EV charging stations contribute to Boston's goal of reducing transportation related GHG emissions by 50% by 2030.
- ENERGY AND WATER UTILITIES (15 OF 15 POINTS)
  - ◊ Boston topped the Energy and water utilities category. The city's dedication to energy efficient solutions for low-income customers as well as decarbonization of the power system were major contributors. Eversource and National Grid both had high savings for their electric and natural gas programs, and Eversource set a new goal of reaching carbon neutrality by 2030.
- LOCAL GOVERNMENT OPERATIONS (7.5 OF 10 POINTS)
  - ◊ ACEEE predicts Boston will reach its goal of achieving a 60% reduction in GHG emissions by 2030. This will be achieved through clean energy as a focus on new construction strategies, efficiency requirements, introduction of renewable systems, and streetlight upgrades to LEDs.

See the full report on Boston's 2021 City Clean Energy Scorecard, [here](#)!

Mallory Epstein, Government Affairs, c001gac@ashrae.net

# Welcome New ASHRAE Boston Members

We welcome those that joined our  
chapter in the last month!

- Mr George H Williamson IV
- Lawrence Murphy
- Mr Douglas Murphy
- Tyler Conaboy
- Mr Joseph Boisvert
- Dr Wei Tian
- Miss Roselme M Akinouosi
- Mr Aderito C Andrade
- Mr David Bugden
- Mr Michael Cannistraro
- Mr Russell A cummins
- Mr Robert Hayes
- Mr Akie D Headley
- Mr Nicholas A Inferrera
- Mr Andrew R Jarrell
- Mr Yaser Kechkeh
- Mr Bryan M Martinez
- Mr Michael X Moya
- Mr Ethan W Nabreski
- Mr Ryan P Noyes
- Mr Jabari Richelien
- Mr Antonio M Silva
- Mr Trevor Simmons
- Mr Corey J White
- Mr Paul K Kennedy, Jr
- Jasmine Abdollahi
- Mr William Lentlie

## THERE ARE STILL OPENINGS TO BE A BOSTON ASHRAE CHAPTER CORPORATE SPONSOR FOR 2022!

### SPONSORSHIP OPPORTUNITIES 2022 (January 1—December 31, 2022)

#### **PLATINUM SPONSOR - \$5000 (max. available: 1) One Available**

Donation of **\$3000** in your company name to ASHRAE Research - Boston Chapter Endowment

Company logo with a link to company website displayed on ASHRAE Boston Chapter website

Signage in main presentation hall at all monthly chapter meetings

**Verbal Acknowledgement as Platinum sponsor at all monthly chapter meetings**

Complimentary full-page ad in the Boston Chapter Roster & Product Guide

Company logo and acknowledgement as Platinum sponsor in Boston Chapter & Product Guide

Company logo and acknowledgement as Platinum sponsor on our social media platforms (LinkedIn, Twitter, Facebook)

**Two (2) Monthly Job Posting Packages (newsletter, website, social media and Society job board)**

**Two (2) Reserved foursomes at annual ASHRAE Boston Chapter Golf Outing\***

**\*Cost of foursomes is not included and you must pay for foursomes within 1 week of open registration**

Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Outing

**2nd complimentary hole sponsor sign - on a "contest" hole - at the annual ASHRAE Boston Chapter Golf Outing**

**Four (4) complimentary tickets to the Sponsor Appreciation Night**

#### **GOLD SPONSOR - \$3000 (max. available: 7) Two Available**

Donation of **\$2000** in your company name to ASHRAE Research - Boston Chapter Endowment

Company logo with a link to company website displayed on ASHRAE Boston Chapter website

Signage in main presentation hall at all monthly chapter meetings

Complimentary full-page ad in the Boston Chapter Roster & Product Guide

Company logo and acknowledgement as Gold sponsor in Boston Chapter & Product Guide

Company logo and acknowledgement as Gold sponsor on our social media platforms (LinkedIn, Twitter, Facebook)

**One (1) Monthly Job Posting Package (newsletter, website, social media and Society job board)**

**One (1) Reserved foursome at annual ASHRAE Boston Chapter Golf Outing\***

**\*Cost of foursome is not included and you must pay for foursome within 1 week of open registration**

Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Outing

**Two (2) complimentary tickets to the Sponsor Appreciation Night**

#### **SILVER SPONSOR - \$2000 (max. available: 15) Six Available**

Donation of **\$1000** in your company name to ASHRAE Research - Boston Chapter Endowment

Company logo with a link to company website displayed on ASHRAE Boston Chapter website

Signage in main presentation hall at all monthly chapter meetings

Complimentary full-page ad in the Boston Chapter Roster & Product Guide

Company logo and acknowledgement as Silver sponsor in Boston Chapter & Product Guide

Company logo and acknowledgement as Silver sponsor on our social media platforms (LinkedIn, Twitter, Facebook)

Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Outing

**One (1) complimentary ticket to the Sponsor Appreciation Night**

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#### **REGISTRATION & PAYMENT**

- All sponsors must register online through this link— <https://ashraeboston30.wildapricot.org/event-4603672>
- Payment can be made online through the registration link or you can mail a check after filling out the online registration form
- If paying with a check, please mail your check made payable to ASHRAE Boston to:
  - Lucas Rowe, 144 Bouldercrest Lane, Vernon, CT 06066

## Newsletter Editor & Webmaster Help Wanted!

The Boston ASHRAE Chapter has a few positions that are currently open as well as a few that are looking for new chairs in the 2022-2023 year. The Professional Development Committee Chair is currently open and the Newsletter Editor and Webmaster positions will be open in September 2022. It would be fantastic to have someone start learning the editor and webmaster roles (two separate people most likely!) so they will be ready to take over in September. If you have questions about the roles or know that you want to work as an editor for our Newsletter, NorthEastAire, or want to support the chapter web presence please don't hesitate to reach out to either of us!

Allison Guttadauro—Newsletter Editor  
NorthEastAire@gmail.com

Liz Desmarais  
c001web@ashrae.net



Eric Edman  
Historian

### Wandering Historian

By: Eric Edman - BR+A

Hello,

I do not have any ASHRAE History Related News to update, or share with you but I do have a fun story to tell.

I would bet not many of you see the history in the photo below. This was taken at a Pennsylvania restaurant along State Route 40 -aka the National Road by your favorite wandering historian. Since it was the only form of heat, it was a rather important item in this wing of the establishment.

This right here my friends is called a Franklin Stove. I had to correct the proprietor who claimed this was invented by Ben Franklin. Franklin was a famous inventor from Pennsylvania. I had to tell him I disagreed. You can imagine how quickly the tone was set as I was the only guy

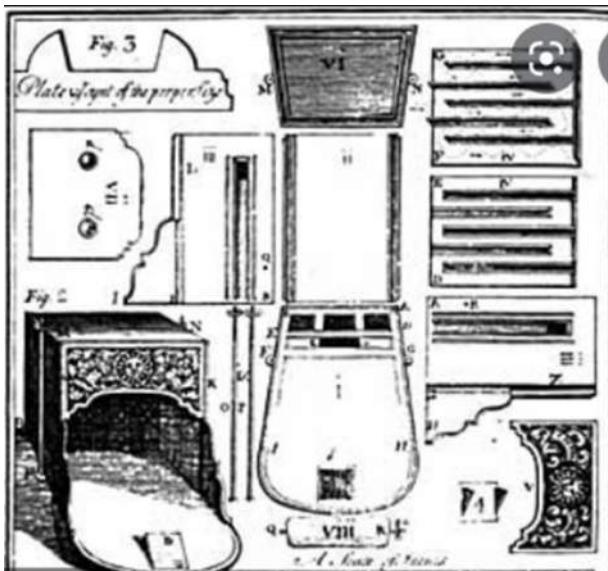
from Massachusetts in a room full of Pennsylvanians. Franklin was actually a Bostonian by birth, and later ran away to Philadelphia. Franklin did invent a fireplace which had poor performance. A quick internet search found the real Franklin stove called the Pennsylvania fireplace. (Pictured below courtesy of the internet) It was another person who made a much better stove and named it the Franklin Stove- that can be partially credited to Mr. Rittenhouse who was from Pennsylvania.



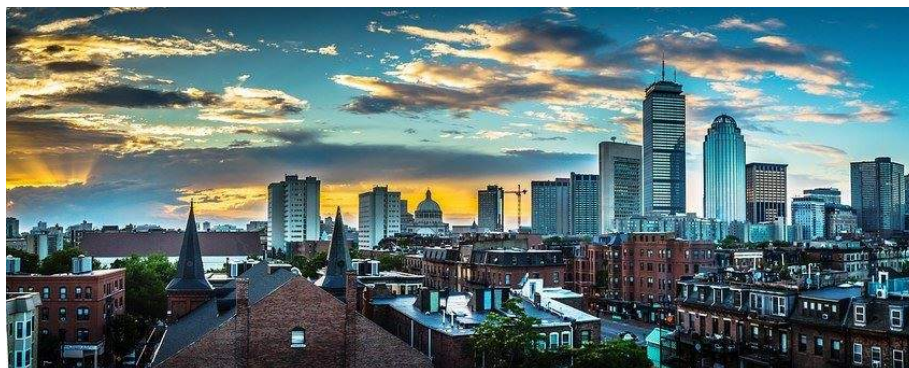
You can sense that the folks who were about to insert my body parts into the stove were somewhat pleased to know the stove was still a Pennsylvania invention. I offered to purchase a round of beer for the room.

The proprietor—who was struck by my knowledge—instead offered me a beer on the house. I opted for a Troeg Bros Mad Elf and suggest you try one if you ever wander thru eastern PA around the holidays.

Cheers,  
Eric



The Franklin Pennsylvania fireplace



## MA ASHRAE Membership Battle!!!



Support employee involvement in ASHRAE within your firm and win the

### *Top MA ASHRAE Supporter Award!!!*

The company that has the largest growth percentage of new members belonging to the MA Chapter (compared to their current quantity of members starting on January 11th) by May 1, 2022 will receive the

### *Top ASHRAE Supporter Award!*

#### **Top MA ASHRAE Supporter Award (largest growth percentage of new members)**

- ASHRAE award plaque with company name presented at the June meeting.
- Recognition in the membership directory for 1 year and in our newsletter.
- Company name on MA ASHRAE's website.
- New members from winning firm eligible for \$50 Amazon Gift Card Raffle

**Become a member today at [www.ashrae.org](http://www.ashrae.org)**

Please contact our Membership Promotion Co-Chairs, Kiersten Washle ([kwashle@cmta.com](mailto:kwashle@cmta.com)) & Tim Driscoll ([timothydriscoll@siemens.com](mailto:timothydriscoll@siemens.com)) with any questions.



We're delivering solutions and improving lives for our clients and employees.

# WE'RE HIRING!

## COME WORK WITH US!

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Open positions (including full-time and part-time):

- CAD/Revit Drafter Intern
- Electrical Co-Op
- Electrical Engineer
- Senior Electrical Engineer
- Fire Protection Engineer
- Mechanical Co-Op
- Mechanical Engineer
- Senior Mechanical Designer
- Senior Mechanical Engineer
- Senior Mechanical Engineer/Project Manager

**ENR**  
Engineering News-Record

**#27** Top 500 Design Firms 2021

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**#14** Top 100 Pure Designers 2021

TOP RANKED

**#1** 2020 **HOT FIRM**  
ZWEIG GROUP

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BUILDING DESIGN + CONSTRUCTION

**#8** Top 40 Engineering Architecture Firms 2021

CONSULTING - SPECIFYING

**engineer**

**#19** Cx Giants 2021

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**#18** MEP Giants 2021

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**FORTUNE**

**#83** 100 Fastest Growing Companies 2020

**Forbes**

**#77** America's Best Small Companies 2022

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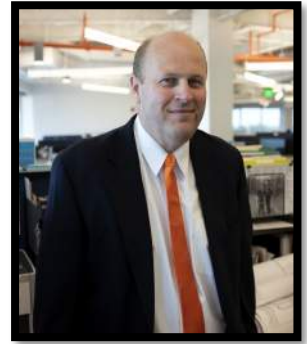
**100** LOCATIONS WORLDWIDE

**3,300** EMPLOYEES

**1,500** TECHNICALLY LICENSED



## History Special Feature Eric Edman



Eric Edman  
Historian

Hello Everyone,

In my ongoing efforts to keep you from sleeping at your desk I bring to you a feature story shared with us from one of our past presidents—Ed Waldman 1994-95. I saved this story specifically for this month. Many of us have come to recognize February as Black History Month followed by Women's History Month in March. Well, as a double bonus, I have a great story that combines the two. It is really special that this story occurred before the civil rights era and the women's liberation era. I hope you enjoy this as much as I do.

Next time you come in from the cold, think a warm thought for Alice Parker.

This is a story of a young woman named Alice Parker. She was born in 1895, and grew up in Morristown, New Jersey. Much of her childhood is unknown but it is likely that she excelled in school as she was admitted to Howard University Academy in Washington D.C. and in 1910 Parker earned a certificate with honors from the Academy.

Ms. Parker felt her fireplace was not effective enough in warming her home through the cold winters which inspired her to get creative. Her invention was convenient because it meant that people did not have to go outside and cut or buy wood. It also decreased the risk of house fires that fireplaces posed by eliminating the need to leave a burning fireplace on throughout the night. Her idea was to burn natural gas and use ducts to heat different areas of a house. This was a major step towards the heating systems use today.

Ms. Parker's invention alone was remarkable and her filing of a patent was an added accomplishment. She was an African American woman in the early 20th century filing for a patent. This preceded both the civil rights movement and the women's liberation movement which subsequently removed many of the obstacles that women and blacks of her generation faced. At this time, African American women had very limited opportunities and Ms. Parker's receiving of a patent for her invention during that time was a truly unusual and outstanding achievement.

Parker's patent was filed on December 23, 1919 for her heating system invention. Her design allowed cool air to be drawn into the furnace, then conveyed through a heat exchanger that delivered warm air through ducts to individual rooms of a house. The concept of central heating was around before Parker was born, but her design was unique because it used natural gas as its fuel instead of coal or wood.

Ms. Parker's patent was not the first for a gas furnace design, but it uniquely involved a multiple yet individually controlled burner system.



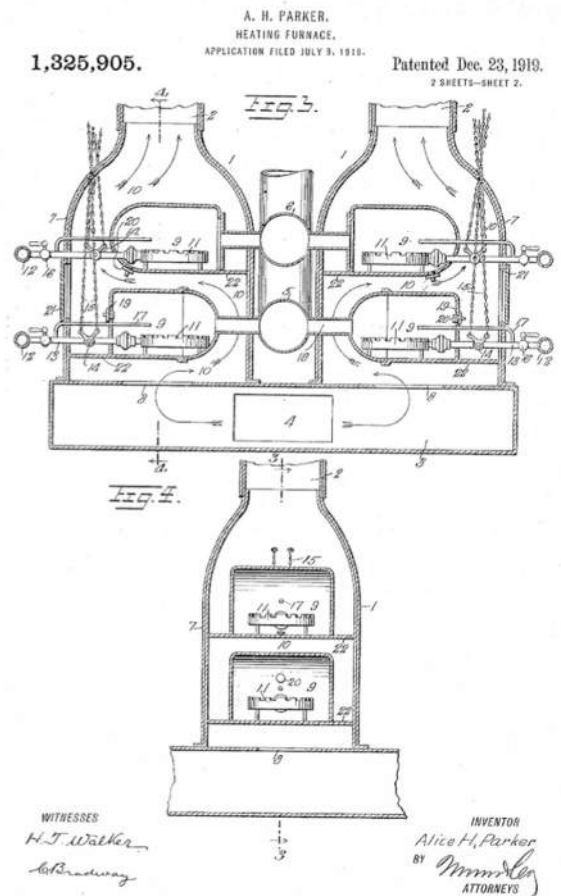
Although her exact design was never implemented due to concerns with the regulation of heat flow, her system was an important precursor to the modern heating system.

Ms. Parker's legacy endures with the annual Alice H. Parker Women Leaders in Innovation Awards via the New Jersey Chamber of Commerce. The award recognizes the contributions of women to innovation in New Jersey, Parker's home state.

I will say a big thank you to this lovely woman for her efforts and pioneering spirit. We hope you enjoyed this short article and a great big thank you to Ed Waldman for sharing this.

It is a reminder to all that you can contribute ideas to your history committee. I enjoy digging into things and sharing these neat stories.

All my best,  
Eric Edman  
Boston ASHRAE History



# Thank You to our 2022 Corporate Sponsors!



The Single Platinum Sponsorship position is available!

As of February 8, 2022

Two Gold Sponsorship positions are available!

As of February 8, 2022




**AIR DISTRIBUTION CORPORATION**  
Manufacturers' Representatives & Distributors






Six Silver level sponsorships are available!

As of February 8, 2022






**EMERSON SWAN**  
A Swan Group Company




**RT FORBES**  
Cooling Tower Sales & Services






# EVENTS CALENDAR

Date	Event	Location	Event Information
February 9, 2022	AEE Meeting	Online	Turnkey Fleet Electrification—School Busses, Municipal and Commercial Fleets Register <a href="#">Here</a>
February 15, 2022	February Meeting	Embassy Suites, Waltham	HVAC System’s Role in Improving Environmental Air Quality in Buildings of All Types—David Schurk & Ionization Basics—Larry Bettello
March 2, 2022	March Meeting with AEE	Online/Virtual Meeting	Net Zero Energy and Electrification & Update on Heat Pump Capabilities & Update on BERDO 2.0—Kathleen McKenna, Steve Di Giacomo, Kate Crosby, Dom Puniello, Eric Tobiassen
March 10 & 11, 2022	ASHRAE Society	Online	Complying with Standard 90.1-2019, Hosted by ASHRAE Learning Institute, Register <a href="#">Here</a>
April TBD, 2022	April Meeting	TBD	With the postponement of the product show, we hope to have a monthly meeting held in April, details to follow.
April 14, 2022	ASHRAE Society	Online	Laboratory Exhaust Stacks: Safe and Energy-Efficient Design, Hosted by ASHRAE Learning Institute, Register <a href="#">Here</a>
May 16, 2022	Golf Outing	Granite Links	Shotgun start at 1:00 pm, more details to follow
May TBD, 2022	DiA Event	TBD	
June TBD, 2022	Installation of Officers	TBD	
November 3, 2022	Product Show	Marriott Quincy	Details to follow.

\*The calendar is subject to changes, please see the [ASHRAE Boston Chapter website](#) for the most up to date information!


[Boston ASHRAE Facebook](#)

[Boston ASHRAE Twitter](#)

[Boston ASHRAE LinkedIn](#)



Boston Monthly Meetings	ASHRAE Courses— <a href="#">Complete List</a>
Boston Chapter Special Events	YEA Events
DiA Events	Other Societies Events

Presidential Award of Excellence									
Boston Chapter - 2021-2022									
Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Operations Points	Chapter Technology Transfer Points	Government Affairs Points	Electronic Communications Points	YEA Points
<u>996</u>	<u>950</u>	<u>400</u>	<u>1750</u>	<u>440</u>	<u>1690</u>	<u>200</u>	<u>50</u>	<u>150</u>	<u>925</u>

