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# THERMOGRAM

October 2022  
Volume LV Issue 02

**Main: Maryland's Climate Solutions Now! Act**

**Tech: Heat Exchanger Sizing & Selection**

## **ASHRAE October 6th Meeting:**

Lunch Virtual Meeting:  
Tech Session (GoToMeeting) 12:00—1:30pm

Main Meeting at Engineer's Club:  
Network Hour (ESB): 5:00 pm—6:30 pm  
Dinner (ESB): 6:30 pm—7:00 pm  
Main Speaker (ESB): 7:00 pm—8:15 pm

### **Tech Session (Virtual Session)**

#### Heat Exchanger Sizing & Selection

Speaker: Will Dargan, Cummins-Wagner

Will Dargan is the current Manager of Engineered Services at Cummins Wagner and has been with the company for over 5 years. In this role he develops and maintains the company's public training seminars and is in charge of engineering support. Will is certified by the Hydraulic Institute as a Pump Systems Assessment Professional and has a Mechanical Engineering degree from Binghamton University.

### **Main Presentation (Engineer's Club)**

#### Maryland's Climate Solutions Now! Act

Have questions about the 2022 Climate Solutions Now act and how it may affect your Maryland buildings (35,000 SF and larger)? We're hosting a presentation and Q&A session with Ben Roush, PE, who was a key part of the AIA Maryland and USGBC Maryland Legislative push for the buildings portion of the bill. He will explain the bill requirements for buildings, take your questions, and talk about what future changes are possible.

Speaker: Ben Roush, PE-ME, FPE, LEED AP BD+C, CCP, ASHRAE BEMP and BEAP, CEPE; FSI Engineers

In his 18 year career, Ben has earned an unusually wide variety of certifications, reflecting his unusually wide range of expertise. He is one of a small group of professionals in the United States licensed as mechanical and fire protection engineers, who are also Certified Commissioning Professionals. Ben holds LEED AP BD+C accreditation, and is the past co-chair of the Maryland Chapter of the US Green Building Council. He currently serves on the USGBC Energy and Atmosphere Technical Advisory Group and is the AIA Baltimore Committee on the Environment Co-chair. All of this combines to give him a wide lens through which to view his clients' projects. With each project, Ben takes into account maintainability, industry best-practices, working within limited budgets, and looking for innovative ways to maximize sustainability.

**The September main meeting will be at the Engineer's Club.  
The Tech Session will be virtual over lunch.**

*In alignment with the "Green Trends" of ASHRAE, we have eliminated the paper copies of the Membership Roster. An electronic copy is available, upon request.*



## 2022-2023 Chapter Leadership Roster

### Board of Governors

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<b>Governor/Past-President</b> P:410.316.2485	Sam Philipp <a href="mailto:pastpresident@ashrae-balto.org">pastpresident@ashrae-balto.org</a> JMT

### Committee Chairs

<b>Attendance/Recpt.</b> P:410.864.1046	Luis Belisario <a href="mailto:reservations@ashrae-balto.org">reservations@ashrae-balto.org</a> Whitman Requardt
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<b>Diversity in ASHRAE</b> P:443.839.2590	Patrick Harrilal <a href="mailto:wie@ashrae-balto.org">wie@ashrae-balto.org</a> JMT

### President's Pen

Summer is officially over and we're back in the swing of regular fall activities. We had a great summer send-off at our first meeting, a big thanks to everyone who joined us virtually for our lunch presentation and/or in person at our networking event! We got some great feedback on the new format we'll be following this year which will continue for our October meeting with a virtual technical session over lunch and then an in person meeting back at the Engineer's Club in Baltimore.

I want to take a minute to introduce ASHRAE's 2022-23 Society Year theme; "Securing Our Future." ASHRAE's 2022-23 President, Farooq Mehboob, says "A meaningful and powerful future will not come to us...we must collectively seek it... create it...SECURE it. And that's what we'll do because that's who we are. It's in our ASHRAE DNA. We need to be diverse, equitable and inclusive to see, understand and take advantage of what is changing, for our success." I agree wholeheartedly with Farooq's sentiments and I'm excited to emanate his message at our local ASHRAE level. We have a new committee that we introduced last year devoted to Diversity in ASHRAE and we're looking forward to continuing our commitment to diversity in our chapter.

As hard as it is to believe, our ASHRAE Christmas Party will be here before we know it! Tickets are now available on our website at [ASHRAE-balto.org/Christmas](http://ASHRAE-balto.org/Christmas). As always, please feel free to reach out to myself or anyone on the Board of Governors if you have feedback, questions, or want to get more involved in the chapter.



Nancy Neely  
ASHRAE Baltimore Chapter President, 2022-2023



**Meeting Schedule**

Please mark your calendar with the following dates for the 2022 through 2023 Baltimore Chapter meetings. A complete schedule indicating seminar, technical session and main meeting topics will be published in the coming month's Thermogram and is also available on the chapter website, [www.ashrae-balto.org](http://www.ashrae-balto.org).

<b>ASHRAE Baltimore Programs 2022-2023</b>		
<b>Meeting Date</b>	<b>Topics/Speakers</b>	<b>Location</b>
September 8, 2022	12:00 PM - Main Meeting: Hot Water Solutions 5:30 PM - Summer Social at Tiki Lee's Dock Bar	Main Meeting - Virtual Summer Social - Tiki Lee's
October 6, 2022 Research Promotion Night	12:00 PM - Tech Session: Heat Exchanger Sizing & Selection 5:30 PM - Main Session: Maryland's Climate Solutions Now! Act	ESB
November 3, 2022 Membership Promotion Night	12:00 PM - Tech Session: 5:30 PM - Main Session: Ethics Case Studies	ESB
December 2, 2022	72nd Annual Christmas Party	Timonium Fairgrounds, 4H Building
January 5, 2023	12:00 PM - Tech Session: Heat Pump Water Heating for Commercial Domestic Hot Water Applications 5:30 PM - Main Session:	ESB
February 2, 2023	12:00 PM - Tech Session: Refrigerant Update 5:30 PM - Main Session: Refrigeration Tour	TBD
March 2, 2023 Membership Promotion Night	12:00 PM - Tech Session: New ASHRAE Guidelines for High-Sensible Spaces 5:30 PM - Main Session: Updates to ASHRAE 62.1 in 2022	ESB
April 6, 2023 Former Presidents' Night Research Promotion	12:00 PM - Tech Session: 5:30 PM - Main Session:	ESB
May 4, 2023 Student Night	12:00 PM - Tech Session: 5:30 PM - Main Session:	TBD
June 2023	Golf Outing	Turf Valley Country Club

# Thank you to our 2022-23 Sponsors!

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# YEA Fall Event Information

• **ASHRAE BALTIMORE YEA** •



**OLD LINE SPIRITS**

Thursday October, 20th

Networking  
Event

Starts 5:30 pm  
Ends 8:30 pm

Distillery  
& Tour



200 S JANNEY ST. BALTIMORE, MD 21224

Games

Please RSVP Via The Google Doc

# Christmas Party Tickets Now on Sale!

ASHRAE Baltimore's  
72nd Annual

# CHRISTMAS PARTY

**2  
DEC** **5:00 PM -  
9:00 PM**

Tickets on sale now! First come, first served,  
so get yours before they sell out!

Credit card payments preferred. Checks accepted.

If buying online and paying by check select  
"Bypass Payment" and mail your payment to:

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**FREE DRINKS | FREE FOOD | GAMES**  
\$65/PERSON | \$650 FOR A TABLE OF 10

4H Building, MD State Fairgrounds, Timonium, MD  
[www.ashrae-balto.org/christmas](http://www.ashrae-balto.org/christmas)

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**TO: BALTIMORE CHAPTER, ASHRAE**  
**EMAIL: [reservations@ashrae-balto.org](mailto:reservations@ashrae-balto.org)**



**YES! I will attend the Baltimore Chapter Meeting on Thursday, September 8th.**

Reservations: We are encouraging members to make reservations on our website, [www.ashrae-balto.org](http://www.ashrae-balto.org).

Reservations for the full meeting include the 12:00PM main presentation via GoToMeeting and the 5:30 PM Summer Social in person at Tiki Lee's.

Reservations for the virtual/main presentation only are available for \$10.

If you are planning to attend, please RSVP to the website or write to [reservations@ashrae-balto.org](mailto:reservations@ashrae-balto.org) indicating name(s) and membership status (member or guest) Please be sure to also include "ASHRAE Meeting" in the subject matter line.

Deadline for reservations and cancellations: September 2nd - NOON reservations required to guarantee in-person accommodations.