

ASHRAE DAYTON NEWSLETTER



Is it Time for Data Center Liquid Cooling?

Wednesday December 10th

11:30 am - 1 pm

Dayton Metro Library -
Southeast Branch

21 Watervliet Avenue Dayton, OH 45420

Mainframe computers, dating back to the 1960s, implemented liquid cooling to provide performance, efficiency, and reliability. So why don't we see it being deployed often today? In this presentation, we'll discuss the evolution of data center cooling technologies, from liquid to air (and back to liquid?). We'll describe the various forms of liquid cooling being used today, the considerations needed when considering these technologies in the data center, and what trends are driving the industry back towards liquid adoption. Finally, we'll discuss ASHRAE's role in driving liquid cooling adoption in the IT industry.

Dr. Dustin Demetriou is a Senior Technical Staff Member and leads sustainability and data center innovation for IBM Infrastructure. He received a Ph.D. in Mechanical and Aerospace Engineering from Syracuse University. This role includes a broad range of responsibilities including product sustainability and lifecycle assessment, data center infrastructure management, workload carbon accounting, and future trends and regulations.

INSIDE THIS ISSUE

- December Meeting
- Letter from the President
- ASHRAE News
- Treasurer Vacancy
- Holiday Party Invite

Use the link below to
sign up for our
December Meeting



[ASHRAE December
Event Brite Sign Up](#)



Find us on [**LinkedIn**](#)
&
Like us on [**facebook**](#)

Letter from the President

As we wrap up the year, I hope everyone is enjoying the start of the winter season and finding time to recharge during this busy time of year. I'm pleased to announce that we have successfully filled our Secretary position! Please join me in welcoming **Logan Delk** to the team. We're excited to have Logan onboard and look forward to the valuable contributions he will bring to our chapter. Our committees continue to work hard as they finalize plans for upcoming technical programs and social events. It's inspiring to see our local community remain active, engaged, and collaborating across chapters. As we move further into the ASHRAE year, I encourage everyone to stay involved—whether by attending a meeting, volunteering on a committee, or sharing new ideas for future programs. Your participation is what keeps our chapter strong and forward-moving. Thank you for your continued support. I wish you a wonderful holiday season, and I look forward to seeing you at our next meeting.



ASHRAE Chapter President



Upcoming Meetings

December 10

Chapter Meeting
11:30-1 pm, In-Person

December 17

BOG Meeting
8-9 am, Hybrid

January 17

Holiday Party
5-7 pm, In-Person

Visit our website to keep up
to date on events!

<https://daytonashrae.org/>

2025-2026 Officers

President: *Kevin Sturm*

President Elect: *Bryan Kinch*

Treasurer: **Open Position**

Secretary: *Logan Delk*

Committee Chairs

Student Activities/Scholarship:

Dr. Haithem Murgham (SCC) &

Dr. Andrew Chiasson (UD)

RP: *Brian Turner (ElitAire)*

YEA: *Matthew Worsham (City of Dayton) &*

Brian Mackey (Rieck)

Government Affairs: *Jennifer Butsch (Copeland)*

History: *Bryan Schenck (Waibel)*

Membership Promotion: *Jennifer Eller (HEAPY)*

CTTC: *Sara Sowers (MSD)*

Website: *Nathan Lammers (Waibel)*

Newsletter: *McKenna Amerson (Waibel)*

At Large: *Lorraine Kapka (SCC), Matt Dill (Emerson Swan)*

Rick Pavlak (Retired - Former HEAPY President)

New Members

The Dayton Chapter is happy to welcome its newest members. Please give them a warm welcome!

November

Sajjan Pojhrel

Do you know a colleague that would benefit from joining
ASHRAE?

You can go to <https://connectacolleague.ashrae.org> and quickly sign up for ASHRAE to send an email to ask them to sign up on your behalf.

Membership Recognition

We would like to recognize the following member(s) who have been with ASHRAE for the following years! Thank you for all your contributions to the field!

1st

Tony Olson

Looking for a way to get involved with your local ASHRAE chapter and meet new people? The membership promotion committee is looking for volunteers to join the committee. The committee's primary responsibility is to recruit new members and retain existing members. If you are interested in serving, please contact **Jennifer Eller** at jmeller@heapy.com.

Membership Application Here

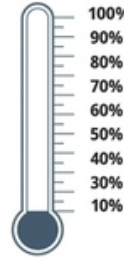
In 2026, our chapter membership fees will be increasing to \$125. More info coming soon.

ASHRAE RP

Thank you to those who have made an early donation to the ASHRAE RP 25-26 campaign. We still have a long way to go to meet our goals.

2026 Goal = \$19,680
YTD = \$1,500
To go = \$18,180

2026 Goal!



% to Goal = 7%

For those looking to help, please consider donating to ASHRAE RP / Education / Scholarships. See the link **BELOW** to donate today!

Partner Level

Honor Roll

Bronze Level

Steven Meier

Jim Davidson

Brian Turner

Jennifer Butsch

Rick Pavlak

Lorraine Kapka

Bryan Schenck

Silver Level

Honorable Mention

Jennifer Eller

Thanks for all your help and support. If you would like to donate **NOW** simply click this link:



DONATE NOW

And make your donation to help ASHRAE in its Research Efforts.

Thank you so much!!!



ASHRAE News



2026 ASHRAE WINTER CONFERENCE

LAS VEGAS, JAN 31 - Feb 4, 2026 | AHR EXPO, FEB 2-4

Immerse yourself in a world of HVAC&R with 100+ technical sessions and 1700+ exhibitors at the AHR Expo.

Join ASHRAE in Las Vegas—where bright ideas can shape the future in the city that never sleeps!

[REGISTER NOW!](#)

[VIEW SCHEDULE](#)

>> Check out the [registration page](#) to see what's available for in-person and on-demand registration options.

ASHRAE News

Women in ASHRAE

2026 Leadership Symposium

April 13-14, 2026 | Los Angeles California

STANDARD

ASHRAE

ANSI/ASHRAE Standard 90.4-2025
Equivalent ASHRAE/IES Standard 90.4-2025
Includes ANSI/ASHRAE Addenda listed in Appendix F

Energy Standard for Data Centers

ASHRAE and ANSI are registered trademarks of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) and the American National Standards Institute (ANSI), respectively. Copyright © 2025 by ASHRAE. All rights reserved. For more information, visit www.ashrae.org or www.ansi.org.

© 2025 ASHRAE

ANSI

ANSI/ASHRAE Standard 90.4-2025, Energy Standard for Data Centers



Thank you for Attending! ASHRAE Student Night



Are you interested in joining the
Dayton ASHRAE board?

TREASURER POSITION OPEN FOR 2026

Reach out to Taylor Darby, tdarby@criticalaire.com, for more information!

The Dayton ASHRAE Chapter wishes
you and your family a



Merry
Christmas



DAYTON ASHRAE INVITES YOU TO A
NIGHT OF WINE TASTING, GOOD
FOOD, AND FUN AT OUR ANNUAL

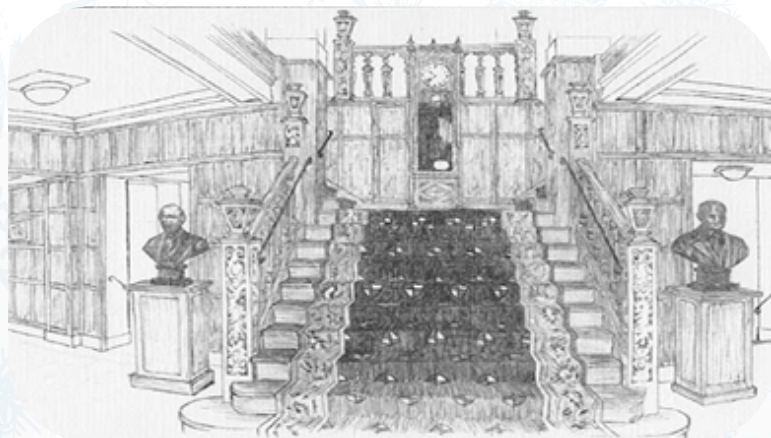
HOLIDAY PARTY

SAT JAN 17



5:00 PM

ENGINEERS CLUB
OF DAYTON



RSVP

USING THE LINK
by January 7th.