



DAYTON CHAPTER

WWW.DAYTONASHRAE.ORG

ISSUE XII | 2021

CURRENT OFFICERS

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Victaulic

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SECRETARY

Zak Schultz

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December 8th New Hybrid Chapter Meeting

**Main Presentation: Hydronic
Balancing Concepts**
Presenter: Kirk Phipps
Director of Sales for Hays Fluid Controls

Social Hour: 11:30 AM to 11:45 AM
Chapter Business/Instructions:
11:45 AM—Noon



*Joint meeting with MCA
Dayton & Lima Chapters

Topic Description: A session on why hydronic balancing is important, with an overview of balancing methods and how they relate to both the TAB process as well as operating efficiencies. Being mindful of how balancing directly impacts start up, long term unitary performance, and occupant comfort is crucial to total system success.

Presenter Bio:

Starting with Hays Fluid Controls in 2009, Kirk Phipps has now spent over a dozen years dedicating his time to ensuring projects of all types have proper distribution of flow. Having been in a variety of roles, he is currently the Director of Sales managing a team of regional managers and providing consultation within the market segments of Commercial HVAC, Plumbing, Industrial Process, and onboard systems for both the US Navy and private vessels.

Please email Vincent Caudill at vcaudill@ecomfortohio.com or by calling 513-512-5359 to **sign up by December 6th**. Please indicate if you are joining in person or by zoom. The meeting information will be sent out again closer to the meeting date.

Join Zoom Meeting Information:
Click picture for Meeting Link

Meeting ID: 845 4425 2377
Passcode: 888192



As with our meetings being hybrid, we appreciate your understanding while we work out any bugs on the technology side of things.

FROM THE PRESIDENT

Thank you to everyone that was able to attend our November meeting that was held in person and virtually. Andrey Livchak, Ph.D., gave an excellent presentation on the Fundamentals of Thermal Displacement Ventilation.

I would also like to thank everyone that attended our meeting with ASHRAE President, Mick Schwedler. He gave his Presidential Address: Personal Growth, Global Impact, and Feed the Roots. It was an excellent presentation followed by a Q&A session on a number of different topics.

Next months meeting is a joint meeting with MCA. This meeting is scheduled for Wednesday, December 8th, at 11:30. This meeting will be held in person and virtually so please send in your RSVPs. This meeting will focus on Hydronic Balancing Concepts, presented by Kirk Phipps, Director of Sales at Hays Fluid Controls.

Please reach out to a member of the board if you are interested in getting more involved with the Dayton Chapter.

Thank you, *Matt Dill* – President, Dayton ASHRAE

CHAPTER HISTORY (2007-2008)

Upcoming Events

Dec 8th

ASHRAE Chapter Mtg.
11:30 AM, Hybrid Meeting

Dec 15th

Board of Governors
8:00 AM, Virtual Meeting

Jan 19th

Board of Governors
8:00 AM, Virtual Meeting

Jan 22nd

ASHRAE Holiday Party
5:30pm - 8:30pm

Feb 9th

ASHRAE Chapter Mtg.
11:30 AM, Hybrid Meeting

[See Additional](#)

[Events & Volunteer](#)

[Opportunities Here](#)

President:	Greg Cohron	Ramsey Cohron
President:Elect:	Lorraine Kapka	Sinclair Community College
Secretary:	Colleen Haun	Ramsay Cohron
Treasurer:	Jeremy Fauber	Heapy Engineering
Membership:	Joe Ferdelman	Heapy Engineering
Historian:	Tom Ferdelman	Heapy Engineering
RP:	Dennis Lammlein	Signature Technologies
Student Act.:	Russell Marcks	Sinclair Community College

Meetings were held at the Dayton Engineers Club.

CRC Held in Grand Rapids, Michigan

Tour & Refrigeration Night: EJ Nutter Center & Hockey Game

Committee Chairs

MEMBERSHIP

Vincent Caudill

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Environmental Comfort, LLC

HISTORY

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Waibel Energy Systems

YEA (Chair)

Phillip Reid

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Heapy

Board of Governors

Rick Pavlak

Heapy

Lorraine Kapka

Sinclair College

Evan Nutt

ElitAire

MEMBERSHIP

New Members

The Dayton Chapter is happy to welcome its newest members. If you see them please give them a warm welcome!

November

Nancy Chase



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

You can go to http://web.ashrae.org/connect_a_colleague/ 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 members who have been with ASHRAE for the following years! Thank you for all your contributions to the field!

1 Year: **Paul Snipes**

5 Years: **Mark Pierce**

10 Years: **Andrew Welch**

25 Years: **Christopher Monnin**



Membership Promotion Committee

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 **Vincent Caudill** at vcaudill@ecomfortohio.com or by calling 513-512-5359.

Membership Application Here

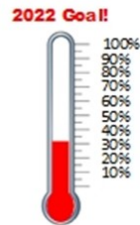
ASHRAE RP

As we approach the final month of the calendar year, we want to take time to thank all of those who have donated throughout 2021. We had our Awards Presentations in October of this year and awarded a record number of Donor Certificates. See Picture below of Tom Fesenmyer receiving the Partner level Award for Emerson. The ASHRAE Year ends on June 30, 2022, so there is still plenty of time to donate. Happy Holidays to all and may your new year be successful!

Please note again that in order to be recognized with a commemorative coin, and have your name published in the ASHRAE Journal, the minimum donation is \$150 for individuals and \$500 for Corporate Donors .

2021 Goal = **\$ 19,680**
YTD = **\$ 6,400**
To go = **\$ 13,280**

% to GOAL: **32%**



Partner Level

Honor Roll

Bronze Level

Steve Meier
Tom Mastbaum
Evan Nutt
Brian Turner
Lorraine Kapka
Trent Hayden
Russell Marcks
Vince Caudill
Kyle Schroeder
Bryan Schenck
Zak Shultz
Jennifer Eller
Matt Dill

Uptime Solutions

Silver Level

Waibel Energy

Honorable Mention

Keith Strayer
Jeremy Fauber

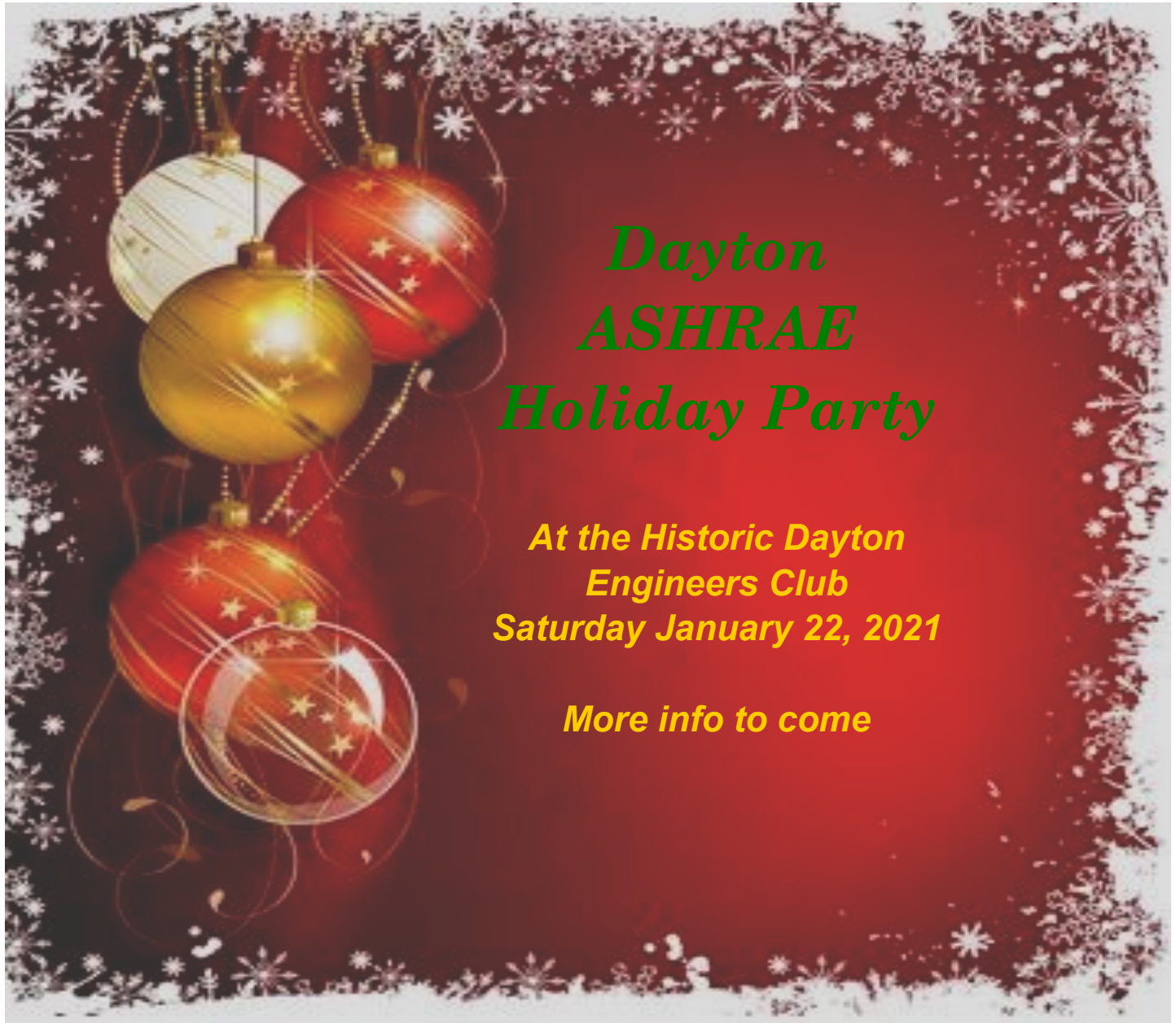
Thanks for all your help and support. If you would like to donate NOW simply click this link:

[DONATE NOW](#)

And make your donation to help ASHRAE in its Research Efforts. Thank you so much!!



ASHRAE News



Dayton ASHRAE Holiday Party

*At the Historic Dayton
Engineers Club
Saturday January 22, 2021*

More info to come

New! 2021-2022 Society Year ASHRAE Member Benefits

An exciting *new* selection of benefits is available to qualifying members joining the Society and renewing into the new 2021-2022 Society Year. The new expanded benefit options are a direct result of member feedback and volunteer effort, to provide the best possible service to ASHRAE members, and the industry.



As volunteer leaders of ASHRAE it is important that you are familiar with and communicate the benefits of ASHRAE membership. Please take a moment to familiarize yourself with the benefits and resources available to current and potential members. We encourage you to check the Membership section of ashrae.org and use the information provided to update your chapter and region websites and other communications if necessary.

ASHRAE News

ASHRAE Submits Comments to EPA's Draft Strategic Plan

In response to an invitation for feedback on the U.S. Environmental Protection Agency's FY2022-2026 Strategic Plan, ASHRAE submitted comments emphasizing that EPA should engage with technical organizations such as ASHRAE to leverage their expertise and gain crucial perspective. ASHRAE highlighted its expertise in reducing emissions from buildings, the safe use of low-GWP refrigerants, improving the resilience of the built environment, protecting indoor environmental quality and water system safety, and advancing international and subnational climate efforts including through the effective adoption and implementation of building standards. To read the comments submitted by ASHRAE, please visit [here](#).

Global Climate Agreement Reached

At the United Nations conference, a new global agreement was reached on climate change called the "Glasgow Climate Pact," in reference to the location of the summit. The agreement was signed by about 200 countries and was the first global agreement to explicitly plan to reduce coal, even though the language was weakened in the final minutes of the negotiations. The agreement presses for more urgent emissions cuts, in line with the Paris Agreement. Adaptation funding and financing were included, as was a framework for carbon markets and for countries' reporting of their targets and emissions. While Alok Sharma, UK President of COP26 concluded the agreement has "kept 1.5 degrees alive," many were disappointed in the outcome, finding the agreement fell short of commitments needed to address emissions reductions as well as financing and funding in response to the climate crisis. The full text of the agreement can be found [here](#).

The next international climate summit – the "COP27" – will be held in Egypt in 2022 in Sharm el-Sheikh on the southern tip of the Sinai Peninsula. The United Arab Emirates will host the conference in 2023.

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How Cities Are Going Carbon Neutral

Twenty-five cities—including Paris, Oslo and London—have pledged to become carbon neutral by 2050. What can they and other urban areas do to reach net zero carbon emissions by the middle of the century? [Read more](#)

House Passes Build Back Better Act

On November 18, the House of Representatives passed the Budget Reconciliation bill known as the [Build Back Better Act](#) with a 220 to 213 vote. The bill includes several provisions that would benefit ASHRAE and its members:

- Assistance for the adoption of the latest and zero building energy codes. This section specifically mentions ANSI/ASHRAE/IES Standard 90.1 -2019.
- Funds to improve energy efficiency, water efficiency, or climate resilience in low-income and affordable housing. There is also funding for Native American communities.
- Updates several tax provisions including Energy Efficient Commercial Buildings Deduction (179D).
- Funds to develop school environmental quality plans that include standards for school building, design, construction, and renovation. This section focuses on air pollution in schools.

Funds for states to modernize critical facilities. This includes resiliency, energy efficiency, renewable energy, and grid integration improvements at public and non-profit buildings.

Additionally, there are provisions that relate to the **HVAC industry** as a whole:

- Training grants for projects related to home energy systems. This includes energy auditing, contractor certification, projects for HVAC systems, and other systems related to indoor air quality.
- Establishes environmental and climate justice block grants that can be used to reduce indoor air pollution.
- Creates a High-Efficiency Electric Home Rebate Program that aims to assist in electrification. This rebate applies to several types of HVAC systems.

Funding for implementation of the American Innovation and Manufacturing Act (AIM Act), which phases down high-GWP HFCs

Although the text of the legislation is likely to be modified in the Senate, most of the provisions above are expected to remain untouched. Additionally, the Build Back Better Act will have to wait behind other legislation and procedural hurdles in the Senate before it is considered for a vote.

Ithaca Becomes First U.S. City To Begin 100% Decarbonization of Buildings

Ithaca, N.Y. is the first U.S. city to begin operation on a 100% decarbonization plan. Ithaca's buildings represent 40% of the city's carbon emissions profile, and the city already receives 80% of its power supply from hydroelectric and nuclear power plants. [Read more](#)

ASHRAE News

Register for ASHRAE 2022 Winter Conference



2022 WINTER CONFERENCE AND AHR EXPO

Register now for the 2022 Winter Conference and AHR Expo taking place January 29 - February 2, 2022 in Las Vegas, NV. The conference will be held at Caesars Palace. Join us in-person or virtually for this highly anticipated conference offering the latest industry updates, a chance to reconnect with peers, attend the AHR Expo, and more. For more information, click [here](#).

[Register Now](#)

ASHRAE Participates in a Panel at the United Nations COP26

On November 10, ASHRAE was represented by Ginger Scoggins, 2021-22 ASHRAE Treasurer, at the [United Nations Climate Change Conference of the Parties \(COP26\)](#) in Glasgow, Scotland. At an official “Side Event” hosted by Architecture 2030 and ASHRAE, Scoggins highlighted the important role that engineers and scientists involved with HVACR and building systems have in advancing solutions to reduce emissions from buildings. Scoggins also explained that ASHRAE signed onto the [1.5°C COP26 Communiqué](#) because the organization recognizes that the built environment is a key source contributing to the world’s greenhouse gas emissions. With the building stock continuing to expand and doubling by 2050, solutions from the buildings community is ever more critical. To view Scoggins speaking at this event, please visit [here](#).

