

THE THERM

MONTHLY NEWSLETTER

NEXT CHAPTER MEETING

JANUARY 15, 2025

Joint Meeting
Panel Discussion
3:30PM - 7:00PM



TEXAS AIR SYSTEMS

8081 ROYAL RIDGE
PARKWAY
IRVING, TX
75063



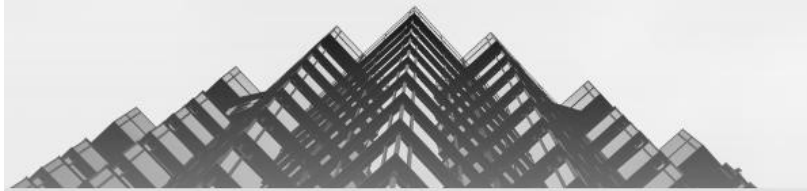
Join us for our January Meeting!
**REDEFINING THE BLUEPRINT:
INNOVATIONS & TRENDS TRANSFORMING
DESIGN & CONSTRUCTION**

Speakers:

Dan Thien, P.E. Principal of Purdy-McGuire
Ian Bost, P.E. Principal of Baird, Hampton & Brown
Marcus Searle, P.E. Vice President of Staxmatic
Martin Lehman, President of Byrne Construction Services
Rusty Vaughn, Industry Workforce Advocate & Retired
Legacy Partner of TAS

Moderators:

Tim Campbell, Sales Executive with McMillan James
Equipment Company
Whitney Lampe, Sales Executive with McMillan James
Equipment Company



▶▶▶ REDEFINING THE BLUEPRINT: INNOVATIONS & TRENDS TRANSFORMING DESIGN & CONSTRUCTION ◀◀◀

JOIN US for a panel discussion from some of the leading Engineers,
Contractors, and Manufacturer Representatives in the DFW Market.

January 15, 2025

3:30 PM - 7:00 PM

Texas AirSystems - Dallas
8081 Royal Ridge Pkwy
Irving, TX 75063

\$60 for Members
\$75 for Non-Members

To register, please sign-up
through your organization:

- www.asa-northtexas.org
- www.bomadallas.org
- www.texoassociation.org
- www.dallas-ashrae.org
- www.ashrae-ftw.org

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SAVE THE DATE:
**ASHRAE Winter
Conference**

February 8-12TH

AHR EXPO

February 10-12TH

See you in Orlando!



PRESIDENT'S MESSAGE

Ryan Edwards, P.E. | ASHRAE Fort Worth Chapter President 2024-2025



Hello Cowtown ASHRAE Members!

Happy New Year! I hope this message finds you well and energized as we step into 2025. January is not only a time for fresh starts but also a moment to set the tone for the rest of the year. For our ASHRAE Fort Worth Chapter, it means reaffirming our commitment to fostering innovation, collaboration, and growth within the HVAC&R community.

As we kick off the new year, I want to highlight a few key initiatives and events on the horizon:

1. **Chapter Meetings & Technical Seminars:** This month, Texas Air Systems is hosting a joint session between ASHRAE Fort Worth and Dallas Chapters, TEXO, ASA, and BOMA regarding the dynamic future of the design and construction industries that we're all involved in. These meetings are great opportunities to expand your knowledge, earn PDHs, and engage in thought-provoking discussions.
2. **Student Engagement:** Our work with local universities is ramping up as we prepare for spring mentoring sessions and student-centered events. Your involvement is invaluable—whether as a guest speaker, mentor, or simply a supportive presence, you can make a significant impact on the next generation of engineers.
3. **Winter Conference:** ASHRAE's 2025 Winter Conference is just around the corner, taking place February 8-12 in Orlando. If you're attending, I encourage you to connect with fellow Fort Worth members, share insights, and bring back knowledge to strengthen our chapter.

As we progress through this month, I invite each of you to consider how you can make the most of your ASHRAE membership. Whether it's attending meetings, joining a committee, or helping with chapter events, your participation ensures we remain a strong and vibrant community.

I am incredibly excited about what's ahead for our chapter this year and grateful for the opportunity to serve as your president. Thank you for your dedication to ASHRAE and to making a positive impact in our industry. Let's work together to make 2025 a year of growth, innovation, and success for the Fort Worth Chapter!

Wishing you all a fantastic start to the new year!

CHAPTER SPONSORS & PARTNERS

THANK YOU SPONSORS!

PLATINUM



GOLD



BARTOS



SILVER



THANK YOU PARTNERS!

ENGINEERING SENIOR ASSOCIATE



We are still looking for Sponsors and Partners for the 2024 - 2025 year! Please reach out to our Research Promotion Chair - Jacob Cantu at jcantu@bartosindustries.com for more information.

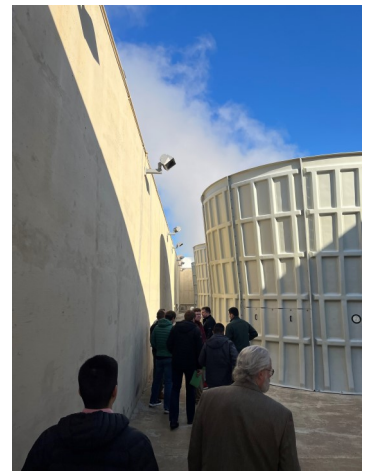


FALL REFRIGERATION TOUR

DFW CUP

Thanks to all of our members who attended the Refrigeration Tour of the Central Utility Plant at DFW Airport! The event started with a presentation by the team that manages the facility followed by an in depth tour of the HVAC equipment. This is a very impressive facility and we are so grateful for the tour.

Thank you to Johnson Controls for sponsoring breakfast!



DECEMBER LUNCH MEETING

Thank you to everyone who joined us for the joint December lunch meeting with our friends from the ASHRAE Dallas chapter. We had an enlightening and interactive Ethics presentation on DE&I and how it relates to ASHRAE. Thank you to Devon Abelson with Pac West Sales for the engaging presentation!

Thank you to McMillan James Equipment Company for hosting us at their office for the luncheon!



FEBRUARY CHAPTER MEETING

We will be back at the Petroleum Club for our February Lunch meeting on Wednesday, February 19th! We are looking forward to having Jim Coogan present on Using ASHRAE Guideline 36. Check our website for details and registration.

SAVE THE DATE - REGION VIII CRC

April 24-26, 2025

Hosted by the Northeastern Oklahoma Chapter!



2025 Region VIII CRC is being held in Tulsa Oklahoma April 24-26th.

The NEOK Chapter is working hard to plan a productive and fun filled event.

Our welcome reception will host the first annual R8 group trivia night! Form your teams now, brush up on, Oh...maybe ASHRAE, Route 66 and general useless knowledge.

We also plan on have the 2nd annual leadership training session after our Presidents Lunch

So, mark your calendars and look forward to the registration to open in January!

Daniel Owens
 2025 CRC Chair
owens.d@mcintoshok.com



STATE OF THE CHAPTER SPOTLIGHT: UPDATE ON REFRIGERATION

REFRIGERATION CHAIR - MASON STRAUGHAN

Thank you to all of the members who attended our Refrigeration Tour of the Central Utility Plant at DFW Airport on Friday, December 6th! We are working on planning another Refrigeration tour in the Spring. Please reach out if you have a facility that might be of interest to our group, we are open to any and all ideas.

UPDATE ON GOLF / SPECIAL EVENTS

GOLF CHAIR - ALEX TERRY

Save the Date for our Spring Golf Tournament!

Date: Friday, May 16th

Location: Rockwood Golf Course

Time: 9am Shotgun Start

We are working on adding registration and sponsorship information to our website. Please reach out to Alex Terry at aterry@bartosindustries.com with any questions.

UPDATE ON HONORS & AWARDS

HONORS & AWARDS CHAIR - TONY FINCH

Reminder - Applications are open for the ASHRAE Technology Award of Engineering Excellence. The ASHRAE Technology Awards program recognizes, on an international scale, successful applications of innovative design, which incorporate ASHRAE standards for effective energy management, indoor air quality, and mechanical design management technology. Visit www.ashrae.org/technologyawards for additional information. Regional submissions are due at Region VIII CRC April 2025. RVC will submit winning Regional entries to ASHARE HQ by June 1st.

Benefits of Winning a Technology Award



Recognized by peers as being innovative and capable of achieving a high level of competence



Recognition on ASHRAE's website



Winning projects are highlighted in the ASHRAE Journal and High Performing Buildings Magazine



Opportunity to bring additional recognition and prestige to buildings with innovative design



First place awards and the Engineering Award of Excellence are honored at the Plenary Session of the Society's Winter Meeting

JANUARY BOG MEETING MINUTES

BOG Meeting Agenda

CHAPTER SECRETARY - KYLE TROSKOT

Call to Order: 3:02pm

Attendees: Ryan Edwards, Tony Finch, Alex Kavanaugh, Kyle Troskot, Aaron Volkert, Ashley Fiddelke, Ai Sexton

President Elect

Get updates for Newsletter to Whitney by end of next week (1/10/2025)

Secretary

PDHs sent out, no other updates

Treasurer

Make sure February meeting doesn't coincide with Orlando

Confirmed: no conflict

Research Promotion

Jacob working with Max to get invoices out.

Student Activities

Working on sponsoring Martin Ismerio to attend ASHRAE Winter Conference, Region VIII will match \$250

Honors and Awards

Met with Mack Wallace for fellowship application (due in May)

Advertising for Design award in newsletter

Add as an announcement for next meeting (February)

Government Affairs

No Updates

Reminder to reach out to Scot West if interested in day on the hill

YEA

No January events. Starting back in February.

Refrigeration

Ryan will check with Mason on Spring tour.

Historian

No Updates

Membership Promotion

Membership is back up! 314 total members including students. 302 without.

Survey sent out. RVC got PAOE points approved.

CTTC

January meeting upcoming

18 registered to attend

(CONTINUED ON FOLLOWING PAGE)

JANUARY BOG MEETING MINUTES

MEETING MINUTES

PAOE Coordinator

No updates

Golf

Spring Tournament - Rockwood in May 2025

Ryan to check on dates to get into Therm.

DEI

No updates

Sustainability

No updates

CRC

Ryan to reach out to Joe for CRC Planner contact information

Expo?

Reach out to Art Guisler

President

No updates.

Meeting Adjourned – 3:23pm

CHAPTER OFFICERS

OFFICERS/COMMITTEES	NAME	EMAIL
CHAPTER PRESIDENT	Ryan Edwards	redwards@dfwcgi.com
CHAPTER PRESIDENT ELECT	Whitney Lampe	whitneyl@mjec.com
CHAPTER SECRETARY	Kyle Troskot	k.troskot@mojavehvac.com
CHAPTER TREASURER	Max Meyers	mmeyers@bartosindustries.com
BOARD OF GOVERNORS	Tony Finch	tonyf@texasairsystems.com
BOARD OF GOVERNORS	Ashley Fiddelke	ashley.fiddelke@hts.com
BOARD OF GOVERNORS	Jacob Cantu	jcantu@bartosindustries.com
CHAPTER RESEARCH PROMOTION CHAIR	Jacob Cantu	jcantu@bartosindustries.com
CHAPTER REFRIGERATION CHAIR	Mason Straughan	mason.straughan@jci.com
CHAPTER TECHNOLOGY TRANSFER	Michael Cox	mcox@bhbinc.com
CHAPTER SUSTAINABILITY CHAIR	Caleb Barlow	caleb.barlow@freese.com
CHAPTER GRASSROOTS GOVERNMENT CHAIR	Scott West	scott.west@summitnep.com
CHAPTER SPECIAL EVENTS CHAIR	Alex Terry	aterry@bartosindustries.com
CHAPTER SPECIAL EVENTS COMMITTEE (GOLF)	Alex Terry	aterry@bartosindustries.com
CHAPTER COMMUNICATIONS CHAIR	OPEN POSITION	
CHAPTER MEMBERSHIP PROMOTION CHAIR	Aaron Volkert	aaron.volkert@carrierenterprise.com
CHAPTER HISTORIAN	Cole Guarisco	cole.guarisco@trane.com
CHAPTER YEA CO-CHAIR	Casey Miller	casey.miller@jacobs.com
CHAPTER YEA CO-CHAIR	Alex Kavanaugh	alex.kavanaugh@freese.com
CHAPTER STUDENT ACTIVITIES CHAIR	Caleb Gentry	cgentry@olsson.com
CHAPTER DEI CHAIR	Ai Sexton	ai.sexton@greese.com
CHAPTER HONORS & AWARDS	Tony Finch	tonyf@texasairsystems.com
CHAPTER WEBMASTER	OPEN POSITION	
CHAPTER AUDITING COMMITTEE	Richard Watters	rwatters@bhb.com

We are still looking for volunteers! Please reach out to Ryan Edwards for more information at redwards@dfwcgi.com.



TREASURER'S REPORT

CHAPTER TREASURER - MAX MEYERS

TREASURER SUMMARY

Below you'll find the chapter accounting transactions for the month of December 2024.



Starting Balance (12/1/2024):	\$46,634.51
Debits	
12/2 Check 1202 New Student ASHRAE Membership	(\$30.00)
12/3 Starchapter Monthly Fees	(\$19.95)
12/18 StarChapter Monthly Dues	(\$120.00)
12/19 Jan Meeting Refund (1 member)	(\$60.00)
12/20 Check 1144 ASHRAE Clay Shoot Reimbursement	(\$3,595.00)
	Subtotal: (\$3,824.95)
Credits	
12/4 Dec Meeting Registration Starchapter (3 members)	\$129.41
12/5 Dec Meeting Registration Starchapter (1 member)	\$43.14
12/6 Dec Meeting Registration Starchapter (1 member)	\$43.14
12/9 Dec Meeting Registration Starchapter (1 non-member)	\$57.65
12/10 Dec Meeting Registration Starchapter (1 member)	\$43.14
12/11 Dec Meeting Registration Starchapter (2 members late, 1 non-member late)	\$172.95
12/12 Dec Meeting Registration Square (1 member late)	\$53.47
12/16 Jan Meeting Registration Starchapter (3 members)	\$172.95
12/18 Jan Meeting Registration Starchapter (8 members)	\$461.20
12/19 Jan Meeting Registration Starchapter (1 member, 1 non-member)	\$129.81



TREASURER'S REPORT

CHAPTER TREASURER - MAX MEYERS

TREASURER SUMMARY

Below you'll find the chapter accounting transactions for the month of December 2024.



Credits (Continued)

12/20 Jan Meeting Registration Starchapter (1 member)	\$57.65
12/23 Jan Meeting Registration Starchapter (1 member, 1 non-member)	\$129.81
12/23 Jan Meeting Registration Starchapter (1 member)	\$57.65
12/26 Jan Meeting Registration Starchapter (2 non-members)	\$144.32
12/26 Teller Deposit ASHRAE Chapter Dues	\$6,500.00
	Subtotal: \$8,196.29
Ending Balance (12/31/2024)	\$51,005.85



YEAR AT A GLANCE / SAVE THE DATE!

ASHRAE FORT WORTH CALENDAR

2025

January 15, 2025	Joint Meeting with ASHRAE Dallas, ASA, TEXO & BOMA Panel Discussion with Industry Experts
February 8-12, 2025	2025 ASHRAE Winter Conference Orlando, FL 2025 ASHRAE Winter Conference
February 19, 2025	February Monthly Lunch Meeting Petroleum Club Using ASHRAE Guideline 36 Today Presenter: Jim Coogan, P.E.
March 2025	Day on the Hill Date TBD Austin, TX
April 24-26, 2025	Region VIII CRC Tulsa, OK
May 16, 2025	Spring Golf Tournament Rockwood Golf Course 9am Shotgun Start

Please check our website at <https://ashrae-ftw.org/> for additional information on upcoming events.

We are halfway through the ASHRAE 2024-2025 year, please reach out to us if you have any ideas for lunch meeting topics or other events in 2025!



1

What two organizations merged to form ASHRAE in January of 1959?

- A) The American Society of Heating and Ventilating Engineers & American Society of Refrigerating Engineers**
- B) The American Society of Heating, Refrigerating, and Air-Conditioning Engineers & American Society of Mechanical Engineers**
- C) The American Society of Heating and Air-Conditioning Engineers & National Association of Heating and Ventilating Contractors**
- D) The American Society of Heating and Ventilating Engineers & Institute of Electrical and Electronics Engineers**

2

Why did the two organizations decide to merge in the first place?

- A) They realized they were basically attending the same conferences anyway.**
- B) Their journals kept accidentally getting sent to the wrong mailing lists.**
- C) They recognized the increasing overlap between heating/ventilation and refrigeration technologies.**
- D) They wanted to pool their resources to lobby for better air conditioning in Congress.**

3

What was one of the biggest challenges in merging the two organizations?

- A) Deciding on a new name that everyone liked (it took a while to settle on ASHRAE!).**
- B) Combining their vastly different membership databases (one used punch cards, the other used carrier pigeons).**
- C) Merging their technical committees and standards (some heated debates ensued!).**
- D) Figuring out who got to keep the office stapler collection.**

4

What was one of the first major initiatives undertaken by ASHRAE after its formation?

- A) Developing a universal standard for measuring refrigerant levels.**
- B) Creating a comprehensive handbook of HVAC fundamentals.**
- C) Launching a public awareness campaign about the importance of indoor air quality.**
- D) Organizing a massive gala to celebrate the merger.**

December Answers: 1 B, 2 C, 3 D, 4 A

MESSAGE FROM THE EDITOR:

Newsletter Editor: Whitney Lampe

Happy New Year ASHRAE Fort Worth Members!

Thank you for reading The Therm! Enjoy the ASHRAE Fort Worth January Trivia.

Answers will be posted in next month's Therm newsletter.

Questions or Feedback? Need to contact us? Visit www.ashrae-ftw.org

ADDITIONAL CONTEXT FOR DECEMBER TRIVIA ANSWERS

Q1: Santa's workshop is a busy place this time of year! What kind of commercial HVAC system would be best to keep all those elves comfortable while they work?

Answer: A VRF system to provide individualized comfort for each elf workstation.

Santa's workshop is a hive of activity, with elves working hard at their stations. A **Variable Refrigerant Flow (VRF)** system is ideal for such a dynamic environment, as it allows for individualized temperature control at each workstation. This ensures that every elf is comfortable, whether they're working near a warm toy-making machine or in a cooler corner of the workshop. VRF systems are energy-efficient and flexible, making them the perfect solution for Santa's needs.

Q2: Santa's sleigh needs a reliable HVAC system for its long journey delivering gifts. What's the most important feature?

Answer: A climate-controlled cargo area for the presents.

Santa's sleigh travels through extreme temperatures, from the frigid Arctic to the warm tropics. A **climate-controlled cargo area** is essential to ensure all the gifts arrive in pristine condition, no matter the weather. This feature maintains a stable temperature and humidity level, protecting delicate toys and electronics from damage during Santa's long journey.

Q3: If the iconic Fort Worth Water Gardens were transformed into a giant ice-skating rink for the holidays, what HVAC system would be needed?

Answer: All of the above.

Transforming the Fort Worth Water Gardens into an ice-skating rink would require **a combination of HVAC systems:**

- A powerful dehumidification system to prevent fog and condensation, ensuring visibility and safety for skaters.
- A specialized refrigeration system to maintain the ice surface, even as skaters generate heat.
- A heating system to keep spectators and skaters warm off the ice. Together, these systems would create a festive and comfortable environment for holiday fun.

Q4: The Grinch is notorious for hating Christmas, but even he needs a good HVAC system in his cave. What's his biggest HVAC concern?

Answer: Keeping his cave warm enough to prevent his heart from freezing (again!).

Living in a cold, dark cave on Mount Crumpit, the Grinch's **primary HVAC concern would be staying warm.** A reliable heating system would prevent his heart - already fragile from past freezing incidents - from getting too cold again. While the Grinch may be a bit of a scrooge about HVAC maintenance, even he knows that a warm cave is essential for his comfort and, perhaps, for his redemption!

