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**Meeting Location:**

**Memphis Sports and Events Center – 995 Early Maxwell Blvd., Memphis, TN 38104**

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**2024-2025 MEMPHIS ASHRAE CALENDAR AND ANNOUNCEMENTS**

**Chapter Meetings/Events**

**Tuesday, November 12<sup>th</sup>** – What do you need to know concerning ASHRAE 241?  
**Tuesday, January 14<sup>th</sup>** – Low Temp Heat Pumps; Jory Engel  
**Tuesday, February 25<sup>th</sup>** - Load Calculations and Impact of Energy Codes, Nathan Kegel  
**Tuesday, March 11<sup>th</sup>** - Self Sensing Pumps; Brett Zerba  
**Tuesday, April 8<sup>th</sup>** - Humidification Tech for Hospitals & Critical Environments  
**Tuesday, May 13<sup>th</sup>** – Dehumidification; David Schurk (DL)

# Sponsor the Memphis Chapter of ASHRAE!

Memphis ASHRAE has a great way to for members to support our ASHRAE chapter and promote their business.

We are offering 2 tiers of support:

## SPONSORS:

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- Name on Sponsors slide at EVERY chapter meeting for the year
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- Special recognition at every chapter meeting

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The Memphis Chapter of ASHRAE thanks you for your support!

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- Pictures
- Logo
- Contact Information



The Memphis Chapter of ASHRAE thanks you for your support!

Contact Max Graham ([mgraham@asceco.com](mailto:mgraham@asceco.com)) to support your chapter today!

\*All donations will go to the RP campaign and are TAX DEDUCTIBLE

\*Sponsorship slides will be run before and after the speaker at every chapter meeting (virtual or in-person)

\*RP chair will confirm final slide layout before presentation

## President's Corner:

Hello ASHRAE Memphis Members,

As we settle into the fall season, I'd like to take a moment to recap our recent events, highlight some exciting upcoming activities, and share a few reminders.

### October Recap

Our October chapter meeting was a success, with a fantastic turnout and an engaging presentation on UPS system design considerations for critical environments like data centers and hospitals. Thank you to everyone who participated and helped make it a valuable experience.

We also had a well-attended Student Activities event hosted by Jennings Thigpen, where students connected with professionals and gained valuable industry insights.

Thanks to everyone who came out to support our future engineers!

### Upcoming November Chapter Meeting – November 12<sup>th</sup> - New Location

For our November meeting, we'll gather at the Memphis Sports and Events Center for a presentation on ASHRAE Standard 241: Control of Infectious Aerosols.

We're also thrilled to announce that Blake Forsyth, our ASHRAE Regional YEA (Young Engineers in ASHRAE) Chair, will be joining us. It's a fantastic chance to connect with our regional leadership and hear more about initiatives for young professionals in our chapter.

### Principal/Student Mixer – November 12<sup>th</sup>

On November 12th, we'll host a special Principal/Student Mixer at the new UofM Herff College of Engineering's new Edwards Research & Innovation Center (ERIC).

This event will give students the chance to meet with seasoned professionals and gain insights into the industry, while members have the opportunity to support and mentor the next generation.

We're still looking for volunteers, so please reach out if you're interested in joining us for this impactful event.

### Looking Ahead to December

As the holiday season begins to ramp up, remember that we do not host a chapter meeting in December, however, stay tuned for details on our annual party, where we'll wrap up the year with a chance to relax, celebrate, and enjoy each other's company.

We're looking forward to a fun gathering and hope to see you there!

### Get Involved

If you're interested in taking a more active role in our chapter by serving on the ASHRAE Memphis board, we'd love to hear from you. Getting involved on the board is a meaningful way to give back to our community, shape the direction of our chapter, and build your professional network.

Thank you all for your ongoing support and dedication to ASHRAE Memphis. I look forward to seeing many of you at these upcoming events and continuing our chapter's success together.

Best regards,

**Max Graham**

**President, ASHRAE Memphis 24-25**

**Chapter Meeting Topic:**

**What do you need to know concerning ASHRAE 241?**

**Speaker Bio:**

Todd Beeler is the VP of Sales of the Southeast Region for GPS Air, the premier manufacturer of Needlepoint Bipolar Ionization (NPBI) products for the indoor air purification market. His experience includes over 34 years of sales experience with the last 9 years selling NPBI with GPS Air. His current territory includes TN, GA, AL, MS, KY, AR, OK and the panhandle of FL. Todd holds a B.S. degree in Chemistry from the University of Tennessee and lives in Knoxville with his wife of 39 years, DeAnna. They have 3 sons, 3 beautiful daughters-in-law and 4 wonderful and amazing grandchildren.



# 2025 ASHRAE WINTER CONFERENCE

ORLANDO, FEB 8-12 | AHR EXPO, FEB 10-12



Join us in Orlando this February 8-12 for the 2025 ASHRAE Winter Conference and AHR Expo. Register for the conference to connect with peers and thought leaders, get inspired, and see the latest innovations at the AHR Expo.

[Register](#)

**Register by Oct. 31 for the best rates!**

**Did Ya Know?:**

The International Fuel Gas Code requires a sediment trap (dirt leg) at gas appliances. The intent is to capture solids that the gas flow may push along inside the pipe. These solids could cause issues with gas pressure regulators or control valves.

Since the 2012 edition, the IFGC Commentary version has included these illustrations:

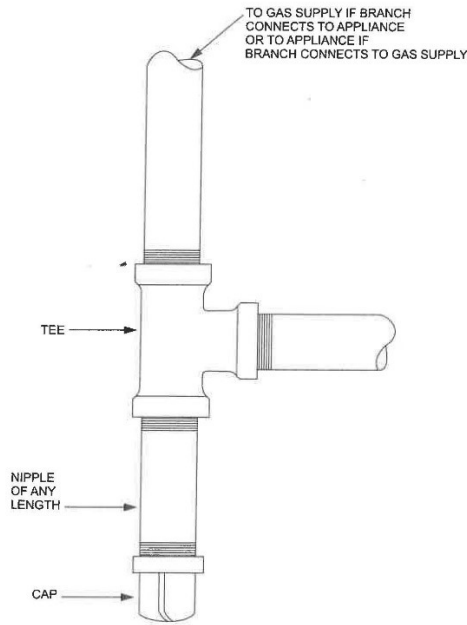
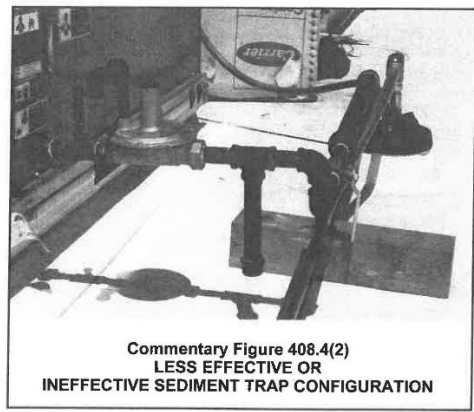


FIGURE 408.4  
METHOD OF INSTALLING A TEE FITTING SEDIMENT TRAP

2021 IFGC® CODE and COMMENTARY



Commentary Figure 408.4(2)  
LESS EFFECTIVE OR  
INEFFECTIVE SEDIMENT TRAP CONFIGURATION

4-87

The body of the Code describes the dirt leg and refers to the drawing on the left above (Fig. 408.4).

The Commentary then describes 408.4 as an “effective” dirt leg, and refers to the photo on the right as showing an “ineffective” dirt leg.

The Commentary speaks to the lack of gas flow change in direction as being the reason for “ineffective” performance. The observation is then noted that the wording of the Code does not prohibit installations that follow the photo on the right (the “ineffective” installation).

2 comments:

- Who wouldn't want “effective” gas piping?
- The Commentary version of the IBC books can provide valuable insight into the intent of the Codes

Send me articles!!!!!!!!!!!! They could be your observations, code peculiarities, or war stories.

**Mike Bilderbeck**  
Government Affairs Chair