

CURRENT BOG

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Meeting Location:
(All Chapter Meetings will be webinar format thru the end of 2020)

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Sponsor the Memphis Chapter of ASHRAE!

RP funding has taken a hit due to the Covid-19 pandemic, and the Memphis Chapter needs your help! Support the Memphis Chapter today by sponsoring the chapter for the year.

We are offering 2 tiers of support:

SPONSORS:

\$500 DONATION

You get:

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- Name in EVERY monthly newsletter
- Special recognition at every chapter meeting

TOP SPONSORS:

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- Full slide in EVERY newsletter
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The Memphis Chapter of ASHRAE thanks you for your support!

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The Memphis Chapter of ASHRAE thanks you for your support!



Contact Mariel Meegan (mmeegan@galaengineering.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:

Thank you to everyone who attended our first meeting of the year last month!

We are honored to have David Binz with Cambridge Air Solutions this month as our speaker. The topic he will be covering is: Cooling Facilities with High Process Air Load Requirements – Industrial Cooling with 2-Stage Evaporative Cooling.

The BOG has made the decision to postpone the golf tournament mentioned in last month's newsletter until next Spring. We are planning an in-person Christmas Party in December. Both events will have more details coming soon!

-Alan Watts

**Chapter Meeting Topic: Cooling Facilities with High Process Air Load Requirements -
Industrial Cooling with 2-Stage Evaporative Cooling**

When facility leaders desire to improve working conditions for hard working people in manufacturing and industrial facilities but struggle to address hot summer temperatures and losses in productivity, 2 stage evaporative cooling technologies offer leaders real temperature relief, lower operational costs structures versus mechanical cooling and positive productivity impact.

Presented by: David Binz



Announcing a new series of ongoing Chapter newsletter articles.....

Did you know?

We all occasionally come across something new or strange in our work.....

- A regulatory or code enforcement challenge
- An unexpected difficulty
- A problem you haven't encountered before

I want to offer this column to Chapter members. Send me your ideas/issues for future columns.

2 Gas Meters?

Recently my firm designed a tenant's office space inside their existing, moderately sized warehouse in Mississippi. The warehouse gas-fired heaters were served by 5 psi gas from an existing gas meter. We showed the 800 CFH for the 8 office RTUs being connected to the existing gas system.

The building has a total gas load of 4,700 CFH @ 5-PSI.

Late in the project, the contractor stated that the municipality wanted the office space gas pipe system on a separate meter from the warehouse.

The concern was that if the smallest rooftop unit was heating (80 CFH), and none of the other equipment connected to the gas line was running, then the meter would not turn or charge the owner for the gas used.

We're accustomed to the MLGW requirement of "one meter per address".

Luckily the gas company will provide a 5-PSI gas meter for the office gas load. Since the gas pipe was already installed, we only had to modify the gas pipe system slightly to meet the municipality's requirements.

The result of this surprise was that we will now ALWAYS contact the gas company that serves the building(s) we are doing design work on in order to prevent this issue.

-Patrick Silva, EI
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2020-2021 MEMPHIS ASHRAE CALENDAR

Chapter Meeting

Tuesday, November 10th

In-Person Christmas Party

December (exact date TBD)

Spring Golf Tournament

TBD