



DAYTON CHAPTER ASHRAE

ISSUE XII | 2017

2017-2018 OFFICERS

President

ROB MAURO

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Danis Construction

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Heapy Engineering

Treasurer

MIKE WEISMAN

MichaelWeisman@habeggercorp.com
Habegger Corporation

Secretary

BRIAN TURNER

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ElitAire

Lunch Meeting December 11th



Michael Weisman
Commercial Sales Engineer
Habegger Corporation

Engineer's Club
110 E Monument Ave
Dayton, Ohio 45402

Social Time: 11:30 AM to 11:45 AM

Lunch: 11:45 AM

Main Presentation

Hydronic Balancing:
An Overview of Methods and Applications
12:00 PM

FREE to
Chapter Members

\$20 Guests

\$10 Students

RSVP to JPFauber@heapy.com

By Friday 12/8 @ Noon

Specific dietary options are available upon request

Big Brothers Big Sisters of Greater Miami Valley will also be introducing themselves to the chapter

UPCOMING EVENTS

December 20th

Board of Governors

8:00 AM, Heapy Engineering

January 13th

Chapter Holiday Party

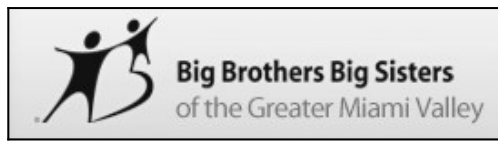
6:00 PM, Engineer's Club

January 17th

Board of Governors

8:00 AM, Heapy Engineering

[See Additional Events & Volunteer Opportunities Here](#)



COMMITTEE CHAIRS

MEMBERSHIP

JEREMY FAUBER

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HISTORY

TOM FERDELMAN

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NEWSLETTER

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RESEARCH PROMO

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STUDENT ACTIVITIES

RUSSELL MARCKS

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Sinclair Community College

CTTC

EVAN NUTT

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GRASSROOTS

Open Chair Position

Contact Rob Mauro for Inquiries

YEA (CO-CHAIRS)

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MIKE WEISMAN

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Habegger Corporation

BOARD OF GOVERNORS

JEREMY FAUBER

Heapy Engineering

RICK PAVLAK

Heapy Engineering

LARRAINE KAPKA

Sinclair College

FROM THE PRESIDENT

What a fantastic November Meeting! We had over 70 members and students join us for our meeting. It was a packed house at the technical session and dinner presentation. Thank you all for such great participation!

I have 3 reminders for this month:

1. Remember, December is our lunch meeting at the Engineer's Club. Our own Mike Weisman will be presenting Hydronic Balancing which is some thing you don't want to miss.
2. Student Scholarship Applications are due January 31st. Apply online at DaytonASHRAE.org. We are offering 3 scholarships this year, so don't miss out on this great opportunity.
 - A. Dayton ASHRAE Scholarship - \$1,000
 - B. Mark Keller Memorial Scholarship Sponsored by Rieck Services - \$1,500
 - C. Mark Rapier Commemorative Scholarship Sponsored by Waibel Energy Systems - \$1,000
3. Help Dayton ASHRAE Grow! Tell a Colleague, bring a friend, or sponsor a new local member. Help keep our membership strong!

If I don't see you at the December meeting have a happy holiday season!

Rob Mauro — President Dayton ASHRAE

REMEMBER WHEN...

(1993-1994)

President:	Chris Hampel	CAC Distributing Carrier
Pres. Elect:	Mark Nieheisel	Uptime Solutions
Vice Pres.:	Josh Mosgo	Siebe Barber Colman
Secretary:	Dave Deger	Curtis Fan Sales
Treasurer:	Dennis Lewis	EG&G Mount App Tech
BOD :	All Officers & Committee Members	
Education:	Russ Marcks	Sinclair College
RP:	Pedro Camejo	Lorenz & Williams
Membership:	Joe Ferdelman	Heapy Engineering
Refrigeration:	Dale Haxton	NCR Corporation
Historian:	Phil Van Styn	Heapy Engineering
Newsletter:	Chris Hampel	CAC Distributing Carrier

MEMBERSHIP

Employers!

Have an Open Position?

Advertise in your Dayton ASHRAE Newsletter and on the Dayton ASHRAE Website.

Please inquire for pricing based on ad size and term length.

All proceeds to Dayton ASHRAE Scholarship Fund.

Send inquiries to:
BWSchenck@heapy.com

Find Us on
LinkedIn &

Like
us on
Facebook!



New Members

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

Nick Alspaugh

Cameron Bloch

Kirsten Hansen

Saroj Bhattarai

Jennifer Butsch

Austin Knick

Reza Khatami

Membership Recognition

We would like to recognize the following members who have been with ASHRAE for the following years!

15 Years — Lane Oatman, Phil West

5 Years — Ali Herfat

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 Jeremy Fauber at JPFauber@heapy.com.

[Membership Application Here](#)

IN REMEMBRANCE

Earlier this year long time ASHRAE Dayton Member Ken Wehrkamp passed away at the age of 79. Ken was a US Marine Corp Veteran, consulting engineer, and Member of ASHRAE since 1986. He had amazing talent, the ability to pick up new things and learn anything until he mastered it. Ken was not only a good engineer, he was also a very loyal and honest man. People who worked with Ken in the industry always held him in the highest regard and looked forward to being able to be a part of his team when working on projects. He was a man of many interest over the years from raising turkeys to enjoying Cowboy shooting at the special gun ranges. Engineers like Ken have set a high standard in the business for others to emulate.

Thank you to Steve Fraley and Mark Rapier for their contribution to this remembrance of Ken Wehrkamp.

2018
AHR EXPO



CHICAGO
JAN 22-24

ASHRAE RP

RP Honor Roll

INDIVIDUALS Begins at \$100

*Jeremy Fauber
 Joe Ferdelman
 Tom Ferdelman
 Lorraine Kapka
 Nathan Lammers
 Robert A. Mauro
 Thomas E Mastbaum*

*Steven N Meier
 Evan Nutt
 Richard L. Pavlak
 Bryan Schenck
 Kyle Schroeder
 Sam Tobias
 Brian Turner
 Michael Weisman*

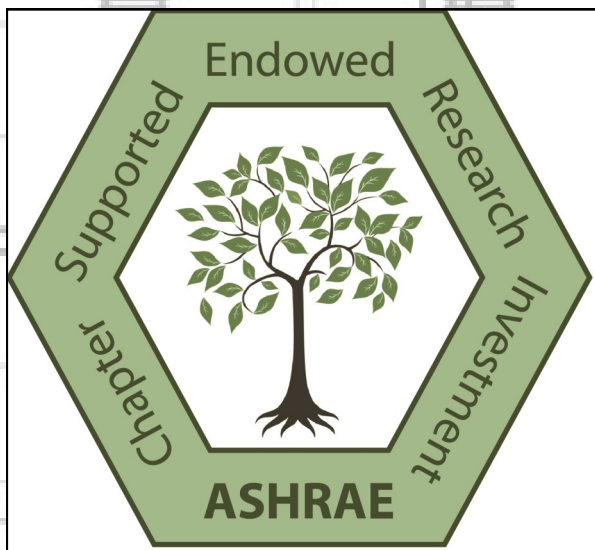
Major Donor—Antique—\$250 to \$499

Rieck Mechanical Services

Major Donor—Silver—\$1,000 to \$2,499

Waibel Energy Systems

Dayton ASHRAE Chapter



RP NEWS

Make YOUR donations by following the directions on Page 6.

**Our goal is
\$18,600**

in Total Research Dollars including funding for Foundations and Scholarship Promotion.

\$4,910

(26% of Goal To Date)

[Donate Now by Clicking This Link](#)



ASHRAE NEWS

ATLANTA – The 2017 edition of ASHRAE’s major thermal comfort standard has been published to incorporate seven published addenda to the 2013 edition.

ANSI/ASHRAE Standard 55-2017, Thermal Environmental Conditions for Human Occupancy, simplifies the language of the 2013 standard and clarifies the three comfort calculation approaches in Section 5.3.3, "Elevated Air Speed." The 2017 edition includes a new requirement to calculate the change in occupants' thermal comfort from direct solar radiation.

“The updates to Standard 55-2017 are the result of a continuing series of modifications made based on new research, experience, and proposals from designers, manufacturers and users,” says Abhijeet Pande, chair of the Standard 55 committee. “Standard 55 has been rewritten with a renewed focus on application of the standard by practitioners and use of clear, enforceable language.”

The three comfort calculations methods provided in the 2017 edition are:

- a graphic method for simple situations,
- an analytical method for more general cases, and
- a method that uses elevated air speed to provide comfort.

Other additions include simplification of Appendix A to a single procedure for calculating operative temperature; clearly stated requirements and calculation procedures appearing sequentially; an update to the scope to ensure the standard is not used to override health, safety; critical process requirements; and removal of permissive language.

The cost of ANSI/ASHRAE Standard 55-2017 is \$89 for ASHRAE members (\$105, non-members). To order, visit www.ashrae.org/bookstore or contact ASHRAE Customer Contact Center at 1-800-527-4723 (United States and Canada), 404-636-8400 (worldwide) or fax 678-539-2129.

About ASHRAE

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 56,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow’s built environment today. More information can be found at www.ashrae.org/news.

Dayton Chapter
ASHRAE Holiday Party

January 13th, 6:00 PM
@ The Engineer’s Club

Save The Date