



ASHRAE

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PO Box 3202 Dayton, OH 45401
<http://www.daytonashrae.org>

January's Holiday Party

Got Tickets?

See You There!

*January 16, 2010
6:30 PM
Sinclair Community College,
Building 13
Parking behind Building 13
off Perry Street (south side)*

Next Board of Governors Meeting:

January 21, 8 AM

Heapy Engineering

All are Welcome and Encouraged to Attend

Important note from next year's
President on Page 3!

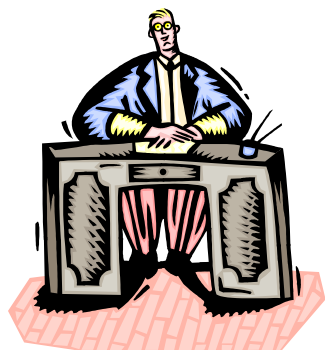


ASHRAE 2010 Winter Conference



January 23-27, 2010

Orlando, FL



Presidential Ponderings

The holiday season presents a chance to spend time with friends and family, and Dayton ASHRAE is no different. Our holiday celebrations always come a month late, but hopefully you have taken the opportunity to sign up for our holiday party this year.

Another ASHRAE opportunity for spending time with friends and family is to attend the Region V dinner at the ASHRAE winter conference in Orlando. This will be the first year that I am attending the dinner, so please come and join me, along with other ASHRAE members from Region V and the Dayton Chapter for a night of good food and camaraderie. Please refer to the additional information in this newsletter about the upcoming Region V dinner.

With the end of 2009 we not only welcomed in a new year, but a new decade. With this new decade ASHRAE will see many new changes, including three new tools offered by ASHRAE that will continue to push improvements in building energy efficiency. These tools are the new Building EQ program, ASHRAE standard 189.1, and the new Energy Modeling Professional Certification.

1. The new pilot program "Building EQ" building rating system officially kicked off in early December and will provide a rating system to compare building performance with other similar occupancy buildings in similar climate zone. This new system will be a powerful tool for helping to determine when energy savings is possible.

2. Due out later this year is ASHRAE Standard 189.1, a completely new standard that along with LEED and other sustainable programs will set the industry standard on green and sustainable high performing buildings. Standard 189.1 has been in development the last several years and when completed will present a codified standard that government bodies and other organizations can use to improve sustainable design of new and renovations of existing buildings.

3. The Energy Modeling Professional Certification is the latest offered by ASHRAE that will certify competence in evaluating, calibrating and interpreting energy model results. As energy considerations become more integral in the design decisions of buildings energy modeling will be even more important tool that will allow designers and owners to understand the impact of the decisions made during design and improve building performance.

As we move into this new decade I believe these tools, and others developed by ASHRAE will become important elements of the HVAC&R industry and will present many opportunities for growth to the firms that take advantage of them.

Jeremy Fauber, PE

**Come to the next BOG meeting
1/21/2010!**

Coming Events 2009/2010

September 14, 2009—Lunch—Young Engineers in ASHRAE - Primary-Secondary/ Variable primary chilled water control sequence.

October 20, 2009—Mini-ASHRAE Show and program, Sinclair Community College—Student night. Featured speaker: Tom Werkema, Science of Carbon Counting.

November 9, 2009—Dinner—Research Promotion Donor Recognition Night, Membership Promotion Night—Dessicant Dehumidification for Operating Room Applications

December 14, 2009—Lunch—Facility Insulation

January 16, 2010 - Gourmet Dinner by Sinclair's Culinary Competition Team

January 23-27, 2010—ASHRAE Winter Meeting, Orlando, FL

February 8, 2010—Lunch— Central Geothermal Systems

March 8, 2010— Tour TBD

April 12, 2010— TBD

April 21, 2010—ASHRAE Webcast, 1:00 PM

May 13, 2010—Golf Outing

June—Green Expo

June 20-24, 2010—ASHRAE Annual Meeting, Albuquerque, New Mexico

July—Chapters Regional Conference—Cincinnati



Upcoming Board Meetings:

Meetings are held at 8 AM on the third Thursday of the month at Heapy Engineering. Bill's Donuts and fresh coffee are always available.

Next meetings:

January 21, 2010

February 18, 2010

March 18, 2010

Research Promotion News

Use the form on page 5 to make your tax-deductible contribution today!

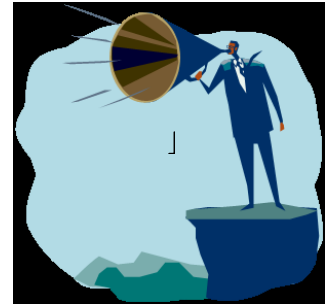


Help Wanted:

Student ASHRAE Chapter at Sinclair needs a speaker for the evening of Thursday, February 25th. Contact Russ Marcks at 512-2053 or Russell.Marcks@sinclair.edu if you are interested!

An important note from our next President:

Dayton ASHRAE Needs Your Talent



As the New Year begins, Dayton ASHRAE will soon be electing new officers and appointing committee chairs. There will be many positions open, including Secretary, and many committee positions. No matter what talents and interests you have, Dayton ASHRAE can use your help. Whether your talents lie in organizing social events, arranging technical programs, website design or fundraising for Research, your talent and energy are needed.

Not sure you are ready to lead, but willing to assist? That's great, too! The Board and committees have many seasoned veterans who will guide and mentor you. Involvement in the local chapter will give you the opportunity to grow both personally and professionally. If you have an interest in serving the local chapter, please contact Rick Pavlak by phone 937 224 0861, email rpavlak@heapy.com, or any of the current chapter officers or committee chairs for more information. We look forward to hearing from you.

Right from the Start – Commissioning for High Performing Buildings

April 21, 2010

1:00 – 4:00 P.M. EDT



Hear from leading commissioning experts about how commissioning supports a smoother construction process, maximizes energy and cost reductions, and provides a facility that operates as intended. This program will define the “what, why, when, and who” of the commissioning process and provide you with tools to commission your high performing building.

This free webcast is sponsored by the ASHRAE Chapter Technology Transfer Committee with support from ASHRAE’s [High Performing Buildings Magazine](#).





2009-2010 ASHRAE RESEARCH Dayton ASHRAE

Contribution Form

Last year was a good year for the Dayton Chapter, but we can't let down now! With so much work to do to reach ambitious energy consumption reduction goals, more research is needed than ever before! You can help make the difference!

This industry gives all of us our livelihood. ASHRAE's research and educational programs are what keeps our industry and profession on the leading edge and assures its continued existence. Confident that you will recognize the benefits of this investment, I am asking you to help fund future HVAC&R research and development.

Amount enclosed: ___ \$250 ___ \$150 ___ \$100 ___ \$50 ___ Other (specify) _____

Name: _____

Address: _____

Phone Number: _____

Member Number (If known): _____

Do you want to be recognized in the Dayton newsletter as a contributor? (circle) YES NO

Mail completed form with your check, payable to ASHRAE Research to:

Denny Lammlein
29 Sandelwood Street
Springboro, OH 45066





ASHRAE Inside

Building Sustainability from the Inside Out

Orlando, FL

2010 Winter Conference

January 23 - 27

ASHRAE's 2010 Winter Conference January 23-27, 2010 Rosen Shingle Creek Orlando, Florida

“It’s not the heat, it’s the humidity,” is often used to explain the less-than-comfortable temperatures in tropical Florida. While the water-saturated air is perfect for hibiscus and alligators, humans have had to find their own ways to deal with the Sunshine State’s humid conditions. What better place to discuss this year’s conference theme: Building Sustainability from the Inside Out. Whenever the temperatures outside are too hot or humid to handle, ASHRAE ensures that indoor environments are comfortable and, most important, sustainable.

<http://www.ashrae.org/events/page/2478>



For Release:

Jan. 11, 2010

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Public Relations
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Looking for Guidance on Standard 189.1? Visit www.ashrae.org/greenstandard

ATLANTA – As publication of the nation’s first code-intended high-performance green building standard draws nearer, a Webpage providing the detailed information about the standard, including a draft copy of the document, has been launched.

Proposed Standard 189.1, *Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings*, moved one step closer to publication in December. It was approved for publication by the Boards of Directors of ASHRAE, IES and USGBC, the three groups that are partnering in its development. ASHRAE is going through the final stages of the American National Standards Institute consensus development process and is hopeful the standard will be available in January.

“Given that this standard will set the foundation for green building codes, it is vital that the building industry is familiar with its requirements,” Kent Peterson, chair of the Standard 189.1 committee, said. “ASHRAE, USGBC and IES recognize the potential of this standard to change the marketplace and are working to educate the industry. Given its impact, we also are working to make the standard available as quickly as possible.”

www.ashrae.org/greenstandard serves as a one-stop resource for information on Proposed Standard 189.1, *Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings*. The page contains an easily readable version of the standard, along with more information on the areas addressed by the standard and other resources for high-performance building.

Proposed Standard 189.1 is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in conjunction with the Illuminating Engineering Society of North America (IES) and the U.S. Green Building Council (USGBC). The standard, slated to be the first code-intended commercial green building standard in the United States, is expected to be published in early 2010.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

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The Official Jobs Board for the American Society of Heating, Refrigerating and Air-Conditioning Engineers

Welcome to ASHRAEJobs.com
Your source for HVACR Engineering Careers



Dayton Chapter ASHRAE

<http://www.daytonashrae.org>

Membership Application and Roster Information 2009-2010

_____			_____		
Your Name			Your Company Name		
_____			_____		
Home Address			Business Address		
City	State	Zip	City	State	Zip
() -			() -		() -
_____		_____		_____	
Home Phone		Spouse Name		Business Phone Ext. Fax Number	
_____			_____		
Home e-mail address			Business e-mail address		

SEND NEWSLETTER TO: Home Address Home email address Business Address Business email address

I prefer Lunch Meetings _____ I prefer Dinner Meetings _____ I have no preference _____

Chapter achievements are accomplished through active committee involvement. If you would like to promote your Society by serving as a committee chair or assist on one of the chapter committees, please indicate in which committee you are interested below. Please indicate your first preference by number 1 and so on.

- Education Membership Research Historian Newsletter Chapter Office
 CTT (Refrigeration; Technical, Energy & Government; Programs) Golf Outing Communication
 Holiday Party Honors & Awards

Please Check Your Preferred Roster Affiliation

Consultant Contractor Industry/Government Retired
Education **Student:** School _____ Degree _____ Approximate Graduation Date _____

Wholesalers, Manufacturer's Rep/Sales Offices, Fill in trade names of products you represent below

Air Devices		Louvers and Dampers
Air Handlers		Make-Up Air Units
Boilers		Packaged A/C
Building Automation		Pre-Insulated Pipe
Chillers		Pumps
Coils		Sound Attenuation
Computer Room Equipment		Steam Specialties
Cooling Towers		Air Terminal Units
Ductwork		Thermal Storage
Dust Collection		Unit Heaters
Fans		Unit Ventilators
Fan Coil Units		Vibration Isolators
Filtration		Valves
Heat Exchangers		Variable Speed Drives
Heating Equipment		Water Source Heat Pumps
Humidity Control		Water Treatment
Kitchen, Laboratory Fume Hoods		Other

*Dayton Chapter ASHRAE dues for the Society year beginning July 1, 2009 and ending June 30, 2010 are \$95 per year. Dayton Chapter ASHRAE dues include 6 dinner/lunch meetings, and both you and a guest for the holiday event. * Note: Be sure to begin paying Local dues when you pay your National Dues.*

Please return this application and a check or money order in the amount of \$95 made payable to Dayton ASHRAE to:

DAYTON ASHRAE, PO Box 3202, Dayton, OH. 45401

Paid local dues with your annual dues? Please return the form anyway!