



ASHRAE LOUISVILLE CHAPTER NEWS

American Society of Heating, Refrigeration and Air Conditioning Engineers
Serving the commonwealth for 45 years.

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Refrigerant Phase Out and Variable Refrigerant Flow Zoning (VRFZ) Systems

Monday, February 4, 2008 - Dinner Meeting

TOPIC:

The topic of refrigeration will be a two-part discussion. The first part will be a brief review of government refrigerant phase-outs including the Montreal Protocol and Kyoto Protocol and what they mean to our industry. Phase out dates, refrigerant and parts availability, reclamation and alternative refrigerants will also be addressed. The second part of the discussion will center on variable refrigerant flow zoning (VRFZ) systems. These systems are installed worldwide with great popularity in Asia and Europe. The theory behind the technology, in depth refrigerant flow diagrams, VRFZ application in Kentucky and design considerations will be covered.

SPEAKER:

The special guest speaker this month is Jay Faltin. Originally from Miami, Florida, Jay graduated with a Bachelor degree in Engineering Mechanics from the US Air Force Academy. After service in the Air Force and a brief airline occupation, Jay decided being a fighter pilot was not exciting enough and embarked on a career in HVAC. In 2003, he joined the Orlando Trane office until 2005 when he joined Harshaw Trane in Louisville as a sales engineer.

MEETING LOCATION:

The University of Louisville Alumni Club from 5:30 until 8:00 pm

The cost for attending is \$25.00, cash or check (made payable to ASHRAE). Students and university facility may attend for \$5.00. Due to our current arrangements with the University Club, reservations are not cancelable after 5:00 PM Thursday prior to the meeting date. We want to encourage attendance, but emphasize the importance of notifying the treasurer if plans to attend have changed. Your consideration will help avoid meeting fee increases to offset losses associated with extra meal preparation.

It is extremely important to make your reservation no later than Wednesday, January 30th with Julian Donahue by simply using one of the following three options: 1) Calling (502) 569-3600 x 2422 2) E-mail jdonahue@lwcky.com.

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<http://louisville.ashraeregion7.org/>

UPCOMING EVENTS/PROGRAMS:

March 3 – Dinner meeting at the U of L Vogt building, Student Presentations, Joint meeting with ASME

April 7 – Dinner meeting at the Alumni Club

May 12 – Golf Outing, location TBA

MESSAGE FROM THE CHAPTER PRESIDENT

By Joe Nitzken

This year's monthly meetings have been very well attended. The topics have essentially focused on efficient design and green building concepts. While this avenue of technical discussion is noble and clearly good for the environment, it is also simply good engineering in a world where we bid competitively for projects.

As technical experts providing equipment and systems, we are often frustrated that owners cannot see the long-term benefits and energy saving features of our design offerings. It is clear that when a developer is building, not for his own use but for sale to others that the low bid wins the project. We in ASHRAE are seeing things change.

As city, state, federal, and ultimately international concerns focus and require efficient design, you as ASHRAE will be better able to provide the design excellence required to meet those energy and environmental concerns.

Therefore, we will continue to push technical topics at our lunch and dinner meetings that can assist you in meeting people that can help expose you to new or build on your existing knowledge. Please continue to come to the presentations. They are for you and your future success in the field.

This month is **Refrigeration Phase-Out and Variable Flow Zoning Systems**. I am certain you will walk away with something new.