



# ASHRAE ACTION

## ROANOKE CHAPTER NEWSLETTER

([WWW.ASHRAEROANOKE.ORG](http://WWW.ASHRAEROANOKE.ORG))

NOVEMBER, 2008

### NOVEMBER MEETING

*PLEASE JOIN US FOR OUR SECOND MEETING OF  
THE YEAR AT THE HOTEL ROANOKE*

**Tuesday, November 11<sup>th</sup> at 11:45 am**  
Hotel Roanoke  
110 Shenandoah Ave Roanoke VA 24016

**SPEAKER:**

**KRIS KOLLEVOLL,**  
BRD Noise and Vibration Control, Inc.

**TOPIC:**

**NOISE & VIBRATION CONTROL  
FOR HVAC EQUIPMENT**

**AGENDA:**

Sign In : 11:45 am  
LUNCH: NOON  
COST: \$20

**RESERVATIONS MUST BE MADE BEFORE  
10:00 AM on Nov. 7<sup>th</sup> to Patrick Murdock:**

E-mail: [pmurdock@trane.com](mailto:pmurdock@trane.com)  
Phone: 540-563-2828

*Tip: Make your reservation online at our Web Site,  
see link below*  
<http://ashraeroanoke.org/Meetings/registration-form1.htm>

### GOING POSTAL!

RECENTLY MANY OF YOU HAVE TRIED TO SEND MAIL TO THE CHAPTER'S P.O. BOX ONLY TO HAVE THAT MAIL RETURNED BACK TO YOU.

THIS HAPPENED DUE TO A MISCOMMUNICATION BETWEEN THE CHAPTER AND THE UNITED STATES POSTAL SERVICE. WE APOLOGIZE FOR THE INCONVENIENCE, BUT THE ISSUE HAS BEEN RESOLVED.

YOU CAN ONCE AGAIN SEND ANY MAIL (SNAIL-MAIL) TO:  
**ROANOKE CHAPTER OF ASHRAE**  
**P.O. Box 2155**  
**ROANOKE, VA 24009**

### PRESIDENT'S CORNER

*"Maintain to Sustain – Delivering ASHRAE's Sustainability Promise" – Bill Harrison, ASHRAE President, 2008-2009*

Last month Tom Watson was gracious enough to travel to Roanoke to be the guest speaker at our monthly meeting. Those of us that were present took advantage of the opportunity to hear and learn from, in my opinion, a leading expert in the world of refrigeration. The Roanoke Chapter cannot thank him enough for speaking last month.

This month's topic is focused on an area of HVAC&R system design that is often forgotten or given little attention to. Noise and vibration, if not given the proper attention, can ruin the best system design ever conceived.

Compared to the number of people involved in the HVAC&R industry, there are few that have a great understanding of this topic. A better understanding of noise and vibration leads to more consideration in the upfront system design and equipment selection/purchase. Upfront consideration makes it easier to please the customer, and is cheaper than having to go back and fix problem spots after the system is installed.

We are fortunate enough to have the President of BRD Noise and Vibration Control, Inc., Kris Kollevoll, as our speaker this month. Given the speaker's background, attendees at the meeting can expect to learn a thing or two about how to keep building occupants happy.

Dan Lieber

### MARK YOUR CALENDERS:



**December Meeting --- Dec. 16<sup>th</sup> for DINNER**  
**Topic: Commissioning**

**January Meeting --- Jan. 7<sup>th</sup> for DINNER**  
**Topic: Advanced Energy Conservation  
and IEQ Design Guidance**

**February Meeting --- Feb. 10<sup>th</sup> for LUNCH**  
**Topic: Controls and Interoperability**

**BOARD OF GOVERNORS MEETING**  
**Tuesday November 18<sup>th</sup> at 4:30 pm @ HSMM**

### SAVE MONEY!

See page 4 to learn how you can stretch your hard earned dollars, and get the most out of your ASHRAE membership.

## **SPOTLIGHT ON ... THIS MONTH'S SPEAKER**

KRISTAN (KRIS) G. KOLLEVOLL, PRESIDENT OF BRD NOISE AND VIBRATION CONTROL, INC. IS A GRADUATE OF PRINCETON UNIVERSITY. KRIS STARTED WITH BRD AS A SALES ENGINEER IN 1982 AND BECAME SALES MANAGER AND VICE-PRESIDENT IN 1988.

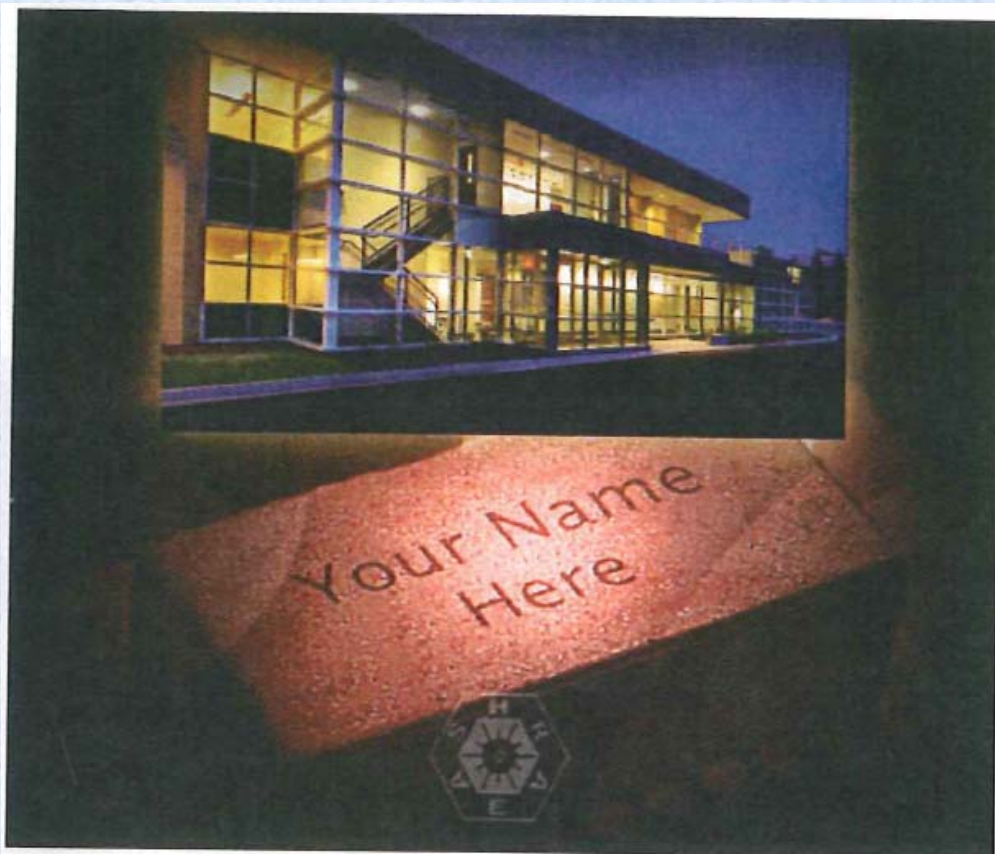
IN 1994, UPON THE DEATH OF BERNARD R. DESCHAINED, FOUNDER OF THE COMPANY, KRIS BECAME PRESIDENT AND ADDED SEVERAL NEW SALES ENGINEERS TO BRD'S STAFF. ADDITIONAL REGIONAL OFFICES HAVE BEEN OPENED IN THE MIDWEST, SOUTHWEST AND SOUTHERN STATES AND PLANS ARE UNDERWAY FOR OTHER OFFICES IN THE NEW ENGLAND AND WEST COAST AREAS AS WELL.

KRIS IS AFFILIATED WITH THE AIHA, ACOUSTICAL SOCIETY OF AMERICA AND INSTITUTE OF NOISE CONTROL ENGINEERING AND HAS ALSO SERVED AS AN OUTSIDE CONSULTANT FOR THE TRAINING OF OSHA CITATION OFFICERS.

KRIS HAS WORKED EXTENSIVELY TO AID SUCH PROMINENT COMPANIES AS DUPONT, ALCOA, JOHNSON & JOHNSON, HEWLETT PACKARD, PROCTOR & GAMBLE, AS WELL AS TRANE, CHICAGO BLOWER, AEON AND MUNTERS IN DESIGNING AND MANUFACTURING LONG-TERM ENGINEERED NOISE CONTROL SOLUTIONS.

AROUND 1988, KRIS FORMED A SEPARATE HVAC DIVISION WITHIN BRD TO FOCUS ON DEVELOPING PROVEN SOLUTIONS FOR RECURRING NOISE PROBLEMS. BRD IS A RECOGNIZED LEADER IN THE FIELD OF NOISE REDUCTION SYSTEMS FOR AIR COOLED AND LIQUID CHILLERS AND FOR CURB MOUNTED ROOFTOP PACKAGED AIR CONDITIONING EQUIPMENT.

## **ASHRAE HEADQUARTERS PAVER DONATION**



**THE ROANOKE CHAPTER HAS MADE A RECENT DONATION TO ASHRAE  
IN RETURN, THERE WILL BE A PAVER AT THE NEW HEADQUARTERS IN ATLANTA LABELED:  
"ROANOKE VIRGINIA CHAPTER #125"**

# ASHRAE NEWS!

## Instructional Courses on Energy, IAQ Offered at ASHRAE '09 Conference

**ATLANTA** – A FULL SLATE OF ASHRAE INSTRUCTIONAL COURSES ARE AVAILABLE FOR ATTENDEES AT THE ASHRAE 2009 WINTER CONFERENCE AND THE AHR EXPO IN JANUARY.

ELEVEN THREE-HOUR COURSES, ALONG WITH FOUR SIX-HOUR COURSES, OFFERED BY THE ASHRAE LEARNING INSTITUTE, JAN. 24-28, CHICAGO. FOR COMPLETE COURSE AND MEETING REGISTRATION, VISIT

[WWW.ASHRAE.ORG/CHICAGO](http://WWW.ASHRAE.ORG/CHICAGO).

PROFESSIONAL DEVELOPMENT COURSES TAKING PLACE SATURDAY, JAN. 24, AT THE PALMER HOUSE HILTON ARE COMPLYING WITH REQUIREMENTS OF ASHRAE STANDARD 62.1-2007, EXCEEDING STANDARD 90.1-2007, TESTING, ADJUSTING, & BALANCING AND THE COMMISSIONING PROCESS IN NEW & EXISTING BUILDINGS.

SHORT COURSES TAKING PLACE SUNDAY-TUESDAY, JAN. 25-27, AT MCCORMICK PLACE IN CONJUNCTION WITH THE AHR EXPO, ARE HUMIDITY CONTROL: BASIC PRINCIPLES, LOADS, & EQUIPMENT; THE BASICS OF A PROPOSED STANDARD ON HIGH PERFORMANCE GREEN BUILDINGS (STANDARD 189.1P); ; INTRODUCTION TO GREEN BUILDINGS & SUSTAINABLE CONSTRUCTION; ENERGY MANAGEMENT IN NEW & EXISTING BUILDINGS; CHILLED BEAM TECHNOLOGY; LOW-TEMPERATURE RADIANT HEATING & HIGH TEMPERATURE RADIANT COOLING SYSTEMS; INSTALLATION OF RESIDENTIAL VENTILATION SYSTEMS (STANDARD 62.2); HEALTHCARE FACILITIES: BEST PRACTICE HVAC DESIGN CONSIDERATIONS & CRITERIA; HUMIDITY CONTROL: APPLICATIONS, CONTROL LEVELS, & MOLD AVOIDANCE; HEALTHCARE FACILITIES: BEST PRACTICE APPLICATIONS OF HVAC SYSTEMS; AND INTRODUCTION TO THERMAL ENERGY STORAGE SYSTEMS FOR A/C.

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## ASHRAE PUBLISHES RESIDENTIAL IAQ GUIDELINE

**ATLANTA** – A new residential ventilation and indoor air quality (IAQ) guideline is now available from ASHRAE.

ASHRAE Guideline 24-2008, *Ventilation and Indoor Air Quality in Low-Rise Residential Buildings*, is the companion guideline to ANSI/ASHRAE Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*, the only nationally recognized ventilation and IAQ standard developed solely for residences. Guideline 24 provides information on achieving good IAQ that goes beyond the requirements contained in Standard 62.2 by providing explanatory and educational material not included in the code-intended standard.

The guideline, which was written by the committee responsible for maintaining Standard 62.2, includes information on envelope and system design, material selection, commissioning and installation, and operation and maintenance.

Committee chair Steven Emmerich said, "While Standard 62.2 contains the essential minimum requirements that all low-rise residential buildings should meet to achieve acceptable IAQ, Guideline 24 is an essential resource for designers, builders and others looking for reliable information on topics not covered in the standard or seeking to go beyond minimum for high performance construction. Topics covered range from fundamentals of building airflow to humidity control to verification of equipment performance."

The cost of Guideline 24-2008 is \$54 (\$43, ASHRAE members). To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, or visit at [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore).

**TO ORDER THIS GUIDELINE, CONTACT ASHRAE Customer Service at 1-800-527-4723 or ASHRAE.ORG**

## ELECTRONIC NEWSLETTER

Any member with material to submit for inclusion in the monthly newsletter may send the information to:

Jeff Consroe  
11 Dalewood Ave.  
Salem, VA 24153

E-mail: [jeff@breeden-collier.com](mailto:jeff@breeden-collier.com)  
Phone: 540.797.7899  
Fax: 540.526.9460

**This is your newsletter. We welcome your contributions and commentary.**

Material can include letters to the editor, member news, upcoming events, comments on chapter programs or issues, etc.

## ATTENTION MEMBERS:

### *INTERESTED IN SAVING MONEY?*

STAR CARDS ARE AVAILABLE FOR PURCHASE. PAY NOW AND SAVE LATER!

**\$50.00 STAR CARD** – ADMISSION TO ANY THREE MEETINGS

**\$100.00 STAR CARD** – ADMISSION TO ANY SIX MEETINGS

### *WANT TO SAVE EVEN MORE MONEY?*

IN SUPPORT OF THE SOCIETY GAME (GREENING ASHRAE MEETINGS AND EXPOSITIONS) PLAN, THE ROANOKE CHAPTER WILL OFFER DISCOUNTS ON MEMBERS WHO CARPOOL OR USE ALTERNATIVE TRANSPORTATION TO ATTEND MEETINGS.

**\$2.00** DISCOUNT FOR DRIVING A CARPOOL.

**\$1.00** DISCOUNT FOR ANY OF THE FOLLOWING:

- RIDING IN A CARPOOL
- WALKING
- BIKING
- RIDE PUBLIC TRANSPORTATION
- DRIVE HYBRID VEHICLES
- DRIVE ALTERNATIVE FUEL VEHICLES

BE SURE TO LET **JUSTIN BILLER** KNOW IF YOU QUALIFY FOR THE MEETING DISCOUNT WHEN YOU PAY FOR THE MEETING.

## MEMBER RECRUITING BONUS!

Any member who brings a non-member to the October meeting will receive a \$5 discount whether or not the non-member joins.

Any non-member who signs up at the October meeting as a paying member for chapters will have **FREE** admission.

## ROANOKE CHAPTER ASHRAE

### *2008– 2009 OFFICERS AND GOVERNORS*

		<u>Phone:</u>	<u>Email:</u>
President	Dan Lieber	540-857-3100	<a href="mailto:Daniel.Lieber@aecom.com">Daniel.Lieber@aecom.com</a>
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### *2008 – 2009 COMMITTEE CHAIRS*

		<u>Phone:</u>	<u>Email:</u>
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