

# THE HOT AIR DIFFUSER IDAHO CHAPTER NEWSLETTER

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2007-2008

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## PRESIDENT'S MESSAGE

In October I sent a list of my goals for this year to Dave Olsen. Here is a shortened version of them:

**Goal:** Increase member participation and volunteerism especially in the engineering community.

**Plan:** Send letters to the engineering community stating our need for their involvement.

**Goal:** Get Idaho chapter involvement in YEA.

**Plan:** Announce the opportunity to send a person to ASHRAE training at a general meeting and encourage employers to send me representative information.

**Goal:** Increase student participation and form a student chapter.

**Plan:** Increase benefits to be a student in ASHRAE.

**Goal:** Get the Idaho Chapter back on the right track when it comes to our Research Promotion financial commitments

**Plan:** Cameron Sprinkle is the new chair.

**Goal:** Have a successful technical conference.

**Plan:** Appoint and inspire a good special events committee.

**Xenon Long  
President**

## PROGRAMS

**WHERE:** Idaho Power Building  
1222 Main St., Boise, ID

**WHEN:** Friday, November 9th, 2007  
11:45—1:00 p.m.

**Speaker: Dan Int-Hout III**  
Chief Engineer - Krueger  
Richardson, Tx.

### Discussion Topic:

With the large number of VAV terminals available, including ECM motors for all series boxes, we are getting a number of questions regarding proper selection and interpretation of VAV terminal specifications. I will discuss:

- Proper engineering specifications and designs for this broad product range, updates on the latest rules and knowledge regarding VAV box type, linings, accessories and air flow limitations.
- The latest Industry understandings of the proper application of overhead heat to meet the new Standard 62.1 and LEED 2.2. (LineaHeat)

### BIO:

Dan Int-Hout, Chief Engineer, Krueger, is responsible for the presentation of technical data and advanced application engineering for the grilles, registers and diffusers, as well as the VAV air terminals, produced by Krueger.

Dan has been in the Air Distribution research and design business since 1973, and has a Masters in Business Management from Central Michigan Univ., and a Bachelor in Biology & Physics from Denison University.

## PROGRAMS CONTINUED

Dan originally joined Krueger in 1981, but has had several other jobs in the industry, including Owens Corning Fiberglas, Carrier, Titus and Environmental Technologies, in engineering, marketing and product research roles.

Dan has written over 40 technical papers and articles on VAV system performance, acoustics, air diffusion, controls and occupant comfort. He was recently Chairman of both ASHRAE Technical and Standards Committees on Thermal Comfort, is a past Chairman of several other related ASHRAE Technical and Standards Committees, as well as ASHRAE Standards, Technical Activities Committee (TAC). & Environmental Health Committees. He received the ASHRAE Distinguished Service Award in 1993 and the Exceptional Service award in 2007. Dan is currently the Chairman of the ARI committee on Applied Acoustics (885) and Chair of ISO 205 US Panel on Thermal Comfort. Dan was nominated to the grade of ASHRAE Fellow at the Long Beach meeting in 2007.

## HISTORY LESSON

### Five Years Ago

The chapter president was Preston Nance. The meeting was held on November 8, 2002, at Sorrento Cheese, followed by a tour of Idaho Cold Storage in Nampa. Tim Viehweg, owner, and Mervin Stowe, Maintenance Supervisor, gave a tour of Ida Cold's warehouse and freezer facility with a 4 year old ammonia refrigeration system.

### Fifteen Years Ago

The chapter president was Richard Kartchner. The meeting was held on November 13, 1992, at Hewlett Packard. Steve Pollock, Facilities Manager, gave a presentation on products produced at the site followed by a tour of the facility.

### Twenty Years Ago

The chapter president was Phil Terrell. The meeting was held on November 13, 1987, at the Kings Table Restaurant. This meeting was Membership Day. The program was a panel discussion with Ken Tewksbury, moderator, Darryl Fugate, Resident Engineer, St. Alphonsus Regional Medical Center, Allen Quintiri, CH2M Hill, Consulting Engineer, Del Marcum, Marcum Inc., Mechanical Contractor, and Lee Longson, Petterson & Associates, Equipment Supplier. Topics discussed included industry changes in the past 5 years, quality of the final product, foreign v/s domestic product quality, and a look at the future of the industry.

The annual Fall Social was held on November 13, 1987, at the Red Lion Riverside.

**Steve Hardy**  
**Historian**

## TECHNICAL SESSION

The 2008 Technical Session is scheduled for Friday, February 8, 2008. The Keynote Speaker will be Kent Peterson, the current Society President. The schedule and location will be announced at a later time.

The ASHRAE Technical committee met and the next meeting is at 11:30 a.m. Friday 11/16 at St. Luke's Building (old HP and K-Mar) on Americana next to Shoreline Drive.

The really critical need for the ASHRAE Technical seminars is someone to take on the registration duties and help with the welcoming committee. Please contact Arden Davis, Roger Dean, or Steve Bastian to volunteer.

Come to our normal ASHRAE Friday meeting 11/9 for a copy of the Committee's meeting minutes and to see just what you may have volunteered for.

Looking forward to another great ASHRAE Technical Seminar,

**Arden Davis**

## JOKE OF THE MONTH

### AutoCAD Monkey

A tourist walked into a pet shop and was looking at the animals on display. While he was there, another customer walked in and said to the shopkeeper, "I'll have an AutoCAD monkey please." The shopkeeper nodded, went over to a cage at the side of the shop and took out a monkey. He fitted a collar and leash, handed it to the customer, saying, "That'll be \$5000." The customer paid and walked out with his monkey.

Startled, the tourist went over to the shopkeeper and said, "That was a very expensive monkey. Most of them are only a few hundred dollars. Why did that one cost so much?"

The Shopkeeper answered, "Ah, that monkey can draw in AutoCAD - very fast, clear layouts, no mistakes, well worth the money."

The tourist looked at a monkey in another cage. "That one's even more expensive! \$10,000! What does it do?"

"Oh, that one's a Design monkey; it can design systems, layout projects, mark-up drawings, write specifications, some even calculate. All the really useful stuff," said the shopkeeper.

The tourist looked around for a little longer and saw a third monkey in its own cage. The price tag around its neck read \$50,000. He gasped to the shopkeeper, "That one costs more than all the others put together! What on earth does it do?"

The shopkeeper replied, "Well, I haven't actually seen it do anything, but it says it's an Engineer."