



THE *EDGE* MONTHLY

Akron/Canton ASHRAE—Your Source For Knowledge .

ASHRAE
www.akroncantonashrae.org

Volume III, Issue 3
January 1, 2008

Happy NEW Year! Start the Year with ASHRAE at The Spaghetti Warehouse

Variable Refrigerant Flow Technology used in LEED

Variable Refrigerant Flow Technology (VRF) has been available in the United States since 2001 and has been a prominent HVAC system in Europe prior to its introduction in the US. Today VRF is utilized in many LEED buildings

for its energy efficiency and is even being applied in ASHRAE's new headquarters currently being built. Jason will cover a basic introduction to VRF including piping, limitations, how the system operates, system safeties, and basic

sequences in heating and cooling. We will also discuss the practically unlimited applications this design fits and compare it to traditional systems from a perspective of design, cost and efficiency.

Speaker: Jason Kuykendall - Regional Sales Manager - Applied Products

Jason is a graduate of the Rose-Hulman Institute of Technology in Terra Haute, IN with a degree in engineering. Upon graduation Jason went to the Trane Graduate Training Class and then spent 12 years with

Trane in sales and management for various products. In 2001 Jason launched a VRF pilot program in the United States with Daikin Industries. He was one of the first people to establish design and sales of VRF

technology in the US and has seen the demand grow over the past 7 years into a strong and economical HVAC system design. In 2007 Jason began working with Sanyo as the Central USA Manager.

President's Message—Greg Drensky

I hope everyone had a wonderful and safe holiday, and I wish a Happy New Year to everyone in 2008! I'm sure we'll have a fun filled year as we have several excellent topics coming up. I would like to thank Jerry Cohen for a wonderful introduction to Psychrometrics in December, and thank you as well to everyone that made it through our first major snowfall that morning. This month we will be covering Variable Refrigerant Flow Technology which is

quickly becoming a popular system design. It currently is being installed in ASHRAE's new headquarters and has been written up in several magazines covering LEED buildings, hospitals, hotels and retrofits to name a few. I would recommend that everyone come to this meeting to get an understanding of this system, how it operates and how it can help us design more energy efficient buildings. You may have heard of this system and have questions on the

operation or design, so be sure to show up and get your questions answered. Also note on February 1st I will be presenting a seminar on the various types of energy recovery that are available in the market today. More details will be coming, but be sure to mark that date down on your calendar. In the meantime I hope you stay warm, enjoy the snow and drive safely!

- Greg Drensky

Akron / Canton ASHRAE 2007-2008 Calendar

Jan 8, 2008
Topic: Variable Refrigerant Flow technology

Feb 1, 2008 (Noon) -Back to Basics
Topic: Energy Recovery: Types and Applications

Feb 12, 2008
Topic: Gov. Incentives: Tax Deductions, Grants, and Loans

Feb 27, 2008 (8 am) -Back to Basics
Topic: Temperature Controls: Basic Principles of Temperature Controls

March 11, 2008
Topic: Distinguished Lecturer

March 28, 2008 (Noon) -Back to Basics
Topic: DX Piping: Sizing, Restrictions, Concerns.

Earn PDH's!
by Attending Meetings
-Certificate via Mail

- Each month additional information will be provided on the activities/programs taking place that month.

ASHRAE NEEDS YOU HELP!

Are you looking for a way to get more involved in your local ASHRAE chapter? Are you motivated to make a difference? Are you looking for an opportunity to improve yourself and your society? If you are, here is a great opportunity for you!

We currently have a few spots open on your Akron-Canton ASHRAE Board of Governors. The positions only require a few hours of work each month. If you are interested please contact Greg Drensky at gregd@jacco.com. This is your chance to make a difference.

Monthly Meeting Information

Speaker: Jason Kuykendall
Subject: Variable Refrigeration Flow Technology
Date: January 8th, 2008, Tuesday
RSVP: Greg Drensky at gregd@jacco.com
By 5:00 pm on Monday, January 9th.
Location: Spaghetti Warehouse
520 South Main St., Akron, 44311
Agenda: 5:30pm - Social/Cocktail (Cash Bar)
6:00pm - Dinner
7:00pm - Speaker/Presentation
Cost: \$25 - For Members of Akron/Canton ASHRAE
\$35 - For Non-Members of Akron/Canton ASHRAE
Students Attend FREE



OFFICERS

President Greg Drensky Jacco & Assoc. (330)342-9400	President-Elect Ryan Kopko Carrier Corporation (216)927-1007
Vice President Ryan Kopko Carrier Corporation (216)927-1007	Treasurer Dave Warner Jacco & Assoc. (330)342-9400
Secretary Mike Hyde GPD Associates (330)572-2100	

CHAIRPERSONS

Membership To be Determined, Contact Greg if Inter- ested	Student Activities Carlin Lucente GPD Associates (330)572-2100
Historian William Miller The Austin Co. (440)544-2600	Technology Paul Kleinhas M.W. Mielke, Inc. (330)725-8845
Newsletter Editor Brandon Marzley GPD Associates (330)572-2100	Homepage Editor Ryan Kopko Carrier Corporation (216)927-1007
Resource Jim Slovan Gardiner Trane (440)248-3400	Programs Greg Drensky Jacco & Assoc. (330)342-9400

ASHRAE Membership Form
Akron/Canton Chapter

If you are just updating contact information check here

Last Name First Initial

Company Name Phone Number

Mailing Address

City State/Province/Country Zip/Postal Code

Email

Membership Fee (if Not already Paid through society dues):

\$30.00 (Just for Local Chapter)



Mail to:

Greg Drensky
61 Milford Dr.
Hudson, OH, 44236

If you have any questions please email Greg Drensky at:
gregd@jacco.com

Technical, Energy and Government Activities (TEGA)

Have you ever designed a system that works??? I bet that ALL of our Akron/Canton Chapter Engineers have designed nothing but working systems. So, why keep it the worlds best kept secret?

We would like to encourage you to complete the new 'short form' of the ASHRAE Chap-

ter/Regional Technology Award Application Form and Submit it to Paul Kleinhas, ASHRAE Chapter TEGA Committee Chairman pkleinhas@mwmielke.com. The Technology Award Competition is a great opportunity to be recognized for innovative technological concepts and/or designs. Local and Regional competitions are easy to enter into. Additional

*information can be obtained from the ASHRAE website:
www.ashrae.org.*

