



Airways

Hamilton Chapter No. 037

<http://www.vaxxine.com/ashrae/>

American Society of Heating, Refrigeration and Air Conditioning Engineers

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Tuesday, October 4, 2005
(1st Tuesday)

ARI 1060 Standard V Energy Recovery Equipment

Ever wondered why air-to-air energy recovery equipment efficiencies reported by many manufacturers actually decreased a few years back?

Ian Anderson, Canadian Sales Manager for Venmar CES, will give us the answers!

Feature Speaker:

***Ian Anderson, P. Eng.
Canadian Sales Manager
Venmar CES Inc.***

Venmar CES Inc. has been manufacturing energy recovery equipment since 1952 from its two manufacturing facilities located in Canada at Saskatoon, SK and St-Leonard-d'Aston, QC. Founded on a dedication to provide cost effective ventilation for people, Venmar devotes its time and energy to designing a variety of ventilation products to meet diverse needs. Over one million installations across North America carry the Venmar name.

Venmar participates in the ARI testing standards for air-to-air heat exchangers for energy recovery equipment, specifically, ARI 1060 Standard V. Ian will be discussing the requirements of the standard and the tests performed to be certified. Through this discussion, a greater understanding of energy recovery equipment and their applications will be gained.

Royal Hamilton Yacht Club North End of McNab, On Hamilton Harbour

5:00 pm – Social Hour & Technical Session
6:00 pm – Dinner & Business Meeting
7:00 pm – Feature Speaker

Technical Session/Dinner/Feature Speaker

Chapter Members - \$30.00 • Guests - \$40.00 • Students - \$15.00 • Meal Plan - \$135.00

Technical Session and/or Feature Speaker (without Dinner)

\$15.00



President's Report

The September meeting presentation on filtration stirred up a lot of questions and answers regarding the current standards of filtration rating and the real concerns involving filtration. Rick Boonstra and Rob Gerritsen of Cimatic offered some interesting insights into the current concerns and problems with the standards that are currently viewed as acceptable.

For those chapter members not at this meeting we announced that the first ten, first time, Chicago 2006 Winter or Quebec City 2006 Summer attendees from the Hamilton chapter, will get the other half of their full registration paid for by the Hamilton chapter. This is in conjunction with the Headquarters announced incentive for these meetings. We had two members voice interest at the meeting so don't delay if you are interested.

The executive have been trying to put together the best possible program for the Hamilton Chapter members possible and this should be laid out at the end of the Airways.

Dave Rasmussen presented our CRC 2006 plans for Niagara Falls and, as promised, we are planning a unique and inexpensive conference to get as many local members involved as possible.

See you at the meeting

Bill McCartney, President 05/06



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Upcoming Events of Interest

ASHRAE Winter Meeting (Including AHR Expo)

January 21 – 25, 2006
Chicago, IL
www.ashrae.org



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ASHRAE.org Earns Award of Excellence

ATLANTA – ASHRAE.org, the Web site of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, has earned an award of excellence from the Web Marketing Association.

The association's Standard of Excellence WebAward recognizes the best Web sites in a variety of industry categories. Past Standard of Excellence sites include The American Water Works Association, ABC News, and Abercrombie and Fitch.

Judges noted that ASHRAE.org is "easy to navigate and easy to find your contact information." Entries are judged on design, innovation, content, technology, interactivity, copywriting and ease of use.

The site exceeds 6,000 unique visits per day and hosts 8,000 documents. ASHRAE.org was launched in 1995 to deliver information to the HVAC&R industry, including authoritative, in-depth technical information, information on Society activities, updates on emerging trends in new technologies, and information on HVAC&R products, companies and organizations.

"ASHRAE.org is designed to make it easy for visitors to find the information they need in order to help fulfill their obligation to their clients and customers as well as to the Society," David McAlister, ASHRAE's manager of electronic communications, said. "For Internet professionals to judge our site a Standard of Excellence in Web design is encouraging. But the usability and friendliness of a site depends on member feedback and

constant study of industry best practices. We see this award as confirmation that we're on the right path."

Services of the site include:

- Discussion boards to enable practitioners to share expertise and opinions in a variety of technical areas.
- Online meetings for committees.
- An interactive membership application form.
- A career services center where members can post resumes and search for jobs.
- Enewsletters, The HVAC&R Industry, which provides weekly industry updates to subscribers, and Society Connections, which provides discussion forums on technical issues and Society news.

The Web Marketing Association was founded in 1997 to help set a high standard for Internet marketing and corporate Web development on the World Wide Web.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.

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Message from the Editor

In this, the second issue of Airways for the "year", I have added a bit more colour. Please – if you have any comments about the appearance of your bulletin, please don't hesitate to let me know.

I have also added a few details about upcoming Chapter meetings. This information is intended to pique your interest and perhaps help your planning. I will continue to include these "previews" when I have enough information to do so.

If any of you have read technical articles which you feel may be of interest to our membership, please forward a copy to me and I will attempt to include a copy in the bulletin.

Happy reading!

Allan Antcliffe, P. Eng., Airways Editor 05/06

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Upcoming Chapter Meetings

Tuesday, Nov. 1/05

Theme: Refrigeration 101/Students Night

Technical Session - **Bill McCartney**, Partner - Isotherm Engineering - will review important aspects of *Ontario's Refrigerants Regulation 189/94*.

Feature Speaker - **Garth Denison**, Sr. Product Application Engineer - Sporlan Valve Division of Parker Hannifin Canada - will present "**Catch 22**" – based on the phase out of R-22 and the available active replacements and alternatives in both refrigeration and air conditioning applications.

Tuesday, Dec. 6/05

Theme: Christmas Event / History Night

Feature Speaker - **Connie Jasinkas, M. Sc.** - For the Love of Fit - will entertain us with "**Humour for the Health of It**". So come on out (bring your partner) to relax, laugh a little, move a little and learn some things that can change your life for the better.

Past Presidents and 25 Year Members will also be recognized at this meeting.

Mark these dates on your calendar now!

2005 – 2006 Meeting Schedule

This year's meeting schedule is summarized below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, at the north end of McNab St. on the Hamilton Harbour** (If you need a map, visit our web site). During the 5:00 pm to 6:00 pm Social Hour, a half hour "technical session" is presented on the basics of a particular subject relating to our industry. If the session sounds interesting to you, feel free to attend. These sessions are presented by our members and are open to any one wishing to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by the "feature speaker". If you are interested in presenting a technical session, booking table top space to promote your product and/or service or, if you have a suggestion for a feature subject and/or speaker, please contact Nathan Martin (Programs Chair). There is a charge of \$75.00 for "table top demonstration" space and this includes a business card ad for two months.

ASHRAE Hamilton Chapter Program Activity				
Date	Theme	Technical Session 5:00 pm – 6:00 pm	Table Top Demonstration	Feature Speaker
October 4, 2005	Energy			Ian Anderson, P. Eng. <u>Venmar CES Inc.</u> ARI 1060 Standard V Energy Recovery Equipment
November 1, 2005	Refrigeration /Students	Bill McCartney <u>Isotherm Engineering</u> Ontario Regulation 189/94		Garth Denison <u>Sporlan Valve</u> New Refrigerants
December 6, 2005	History	Christmas Event — Connie Jasinskis, M. Sc. <u>For the Love of Fit</u> "Humour for the Health of It" Recognition of Past Presidents and 25 Year Members		
January 10, 2006 (2nd Tuesday)	Controls	Tour — <u>Cambridge EMS Facility</u> 1st LEED Canada Gold Building		
February 7, 2006	Heating Systems	Glen Bradley <u>Maxon Industrial Equipment</u> Burner Technology		Sandra Cooke, P. Eng. <u>TSSA</u> Changes to Heating Codes
March 7, 2006	Air Distribution	ASHRAE 62	<u>O'Dell / Titus</u> Thermal Diffusers	Jim Ashwegan <u>Titus</u> VAV & FPVAV Applications
April 4, 2006	Research	t.b.d.	t.b.d.	t.b.d.
May 2, 2006	Commissioning	George Menzies, P. Eng. <u>George Menzies Consulting</u> ASHRAE Structure		Bill McCartney <u>Isotherm Engineering</u> Commissioning (Denver Symposium Paper)
June 14, 2006	Social /Research	Whirlpool or Legends on the Niagara – Niagara Falls Annual Golf Tournament		

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