



# Airways

**Hamilton Chapter No. 037**

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

*American Society of Heating, Refrigeration and Air Conditioning Engineers*

Volume 45, No.5

*Our 45th Year*

January 2004

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**Tuesday January 13, 2004**

*L.E.E.D.:*

*Leadership in Energy and  
Environmental Design*

This is a topic of the highest urgency to all members and guests. It is the classic interaction between two groups that have a major effect on how buildings will be built and energy managed in Canada over the next decade.

Where we are in Canada at this time and what does it mean to you? How do you get a building certified?

*Tonight's Speakers:*

*Mr. Jonathan Lazenby P. Eng.*

*Construction Sales Manager, Johnson Controls L.P.*

*Mr Steve Hood P.Eng. CEM*

*Project Development Manager, Johnson Controls  
L.P.*

Jonathan Lazenby:

Mr. Lazenby graduated from the University of Toronto's Mechanical Engineering program in 1989. In his role as Area Systems Sales Manager, he oversees Johnson Controls business development activities in the Construction sector, including traditional construction, design build and complete lifecycle solutions. Mr. Lazenby is a past director of the Canadian Association of Energy Services Companies, and is currently a director of the Canadian Green Building Council, acting as Treasurer.



**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 Technical Program / Speaker Presentation**

*Chapter Members \$ 27.00 · Guests \$ 32.00 · Students \$ 20.00 · Meal Plan \$ 130.00*



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Steve Hood:

Steve Hood obtained his bachelors degree in bio-engineering in 1980. For the past 23 years he has been involved in the development and deployment of energy efficient and environmentally acceptable technologies, serving roles in research and development, engineering design, project management, team management and sales support.

Steve spent 10 years at Ortech developing alternative fuelled engines. He spent 3 years at Consumers Gas developing new boilers and other gas fired technologies. He was in private consulting for 5 years and has been with Johnson Controls for 4 years where he leads the project development engineering team.

Steve is a registered professional engineer and certified energy manager, and is a member of ASHRAE, the Society of Automotive Engineers and the Association of Energy Engineers.

*Tonight's Technical Session:  
Computer Room Air Conditioning*

Frank Lembo, Manager of Customer Services, Canatal will talk about trends in precision cooling of areas such as computer rooms.

Born in New Jersey, USA, Frank moved to Canada at an early age. He is a graduate of Toronto's Reyerson Polytechnical Institute as a Mechanical Engineering Technologist. Frank built his professional experience with eight years in commercial HVAC equipment sales followed by a year with Honeywell's Building Systems group in Toronto. Frank joined Canatal five and a half years ago in the capacity of Sales Engineer. Frank has since progressed to become Manager of Customer Services, where he is responsible for training and after-sales technical support.



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*Did You Know ...*

Source	Typical Sound Power Level, Lw (dB re 1 pW)	Power (W)
Saturn Rocket	180	1,000,000
Turbojet engine with afterburner	170	100,000
Turbojet engine, 7000 lb thrust	160	10,000
4 Engine Propeller aircraft	140	100
75 piece orchestra	130	10
Large chipping hammer	120	1
Auto horn	110	0.1
Radio	100	0.01
Shouting voice	90	0.001
Open Office	80	0.0001
Conversational voice	70	0.00001
Bedroom	60	0.000001
Whisper	50	0.0000001

*Ralph Kosir, Hamilton Chapter President 03/04*

## 2003 - 2004 Meeting Schedule

This year's meeting schedule is summarised below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, North end of McNab St. on Hamilton Harbour - If you need a map, check out our web site at <http://www.vaxxine.com/ashrae/>**. During the 5:00 PM to 6:00 PM Social Hour, a half hour "technical session" on the basics of a particular subject relating to our industry is presented. If a session sounds interesting to you, feel free to attend. Presentations are made by our members and this forum is open to all who wish 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 a "feature speaker". If you are interested in presenting a technical session, book the table top space to promote your product or service, or if you have a suggestion for a feature subject and/or speaker, please contact please contact Chris McClelland, our Programs Chair. There is a charge of \$ 75.00 for "Table Top" demonstration space, and this includes a business card ad for two months.

<b>2003 – 2004 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY</b>				
<b>Month/Date</b>	<b>Theme</b>	<b>Tech Session 5:00 – 6:00 p.m.</b>	<b>Table Top Presentation</b>	<b>Guest Speaker/Main Topic</b>
January 13, 2004	Energy	Computer A/C - Canatal	Canatal	LEED Energy Conservation
February 10, 2004	Arena Design	Desiccant Dehumidification Bryair	Bryair	Ice Rink Refrigeration CIMCO David Sinclair
#March 2, 2004#	Water	Residential Water Purification	Zenon	Zenon
April 13, 2004	DL	Distinguished Lecturer – Richard Hayter Joined by London & Toronto Chapters		Tour of the New Federal Building
May 11, 2004	ASHRAE Future	ASHRAE Current Operations (Steve Glover)	History of the Chapter	President of ASHRAE
June 9, 2004	Research	Annual Golf Tournament @ Whirlpool		
September 14, 2004	Programs	Under Floor Air Distribution	York	Gas Fired Refrigeration

# Date moved to the first Tuesday of the month due to March Break.

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