



# Airways

## Hamilton Chapter No. 037

American Society of Heating, Refrigeration and Air Conditioning Engineers

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April 2001

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## Tuesday April 10, 2001

### *Chimney and Appliance Venting*

The ever changing area of venting products of combustion will be revisited tonight. Some of the areas covered will include:

- Appliance and Flue categorization
- common code violations as applicable to NFPA 54
- chimney theory and sizing
- mechanical venting of multiple appliances versus gravity systems

### *Tonight's Speaker*

Steve Rattray graduated from Cardiff College of Technology in Wales and worked for a number of mechanical consulting engineers in the city of Cardiff. In 1981 he was hired by W.P. London & Associates in Niagara Falls and moved to Canada that year. In 1983 he headed up the Engineering Department for a boiler manufacturer in Toronto. He is presently Technical Sales Manager for Wesmech Technical Sales Inc., a sales representative for manufacturers of commercial, industrial and institutional equipment.

### *Message From The President*

Last month's meeting, as usual, was held at the Pinetree Restaurant in Stoney Creek. For me and hopefully for all of you as well, it was an excellent evening of social and technical interaction.

The evening started off with a Technical Talk on Refrigerant Expansion Valves given by John Pollock who has had many years in the refrigeration business. The Table Top Presentation was given by Andre Patenaude of Alco Controls in Brantford, Ontario. Our main speaker was Mr. Paul Neelands of Neelands



### *Pinetree Restaurant*


**395 Centennial Parkway North (at QEW), Hamilton**

**5:00 PM Social Hour & Technical Session**

**6:00 PM Dinner & Business Meeting**

**7:00 PM Technical Program / Speaker Presentation**

Chapter Members \$20.00 • Guests \$25.00 • Students \$20.00 • Meal Plan \$100.00



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Refrigeration in Burlington. His talk was about supermarket refrigeration systems and, in particular, the new energy efficient systems. After his talk we all visited the Comisso Supermarket site to have a first hand look at this system. Food and supermarket refrigeration is a very specialized area that many of us do not get involved with on a regular basis. I think we were all impressed with the complexity and energy efficiency of these systems.

I have always been and continue to be impressed with all of our presenters. This includes last months speakers/presenters and all of our previous ones as well. I wish to take this opportunity to thank them all for their high quality talks and presentations. Their shared information helps all of us do our jobs better.

Please refer to the Programme Calendar in this newsletter to review April's upcoming events for the April 10<sup>th</sup> meeting. Once again, we have an interesting and informative group scheduled. I know you will not be disappointed.

Finally, the Hamilton Chapter continues to look for volunteers for our Executive. If anyone is interested, please talk to me or any other Executive Member.

I am looking forward to seeing you all on Tuesday, April 10, 2001. Please keep in mind that it is now April, we are on Daylight Savings and it will be much lighter for your drive home. Hope you're all looking forward to spring and mowing the grass!

*George Robb, Hamilton Chapter President 00/01*

## Message From The Executive

Anyone interested in seeing the behind the scenes workings of the our Ashrae Chapter is invited to attend our monthly executive meeting which occurs just before each regular meeting starting at 3:00 P.M. We are always looking for fresh input and ideas.

## Tonight's Tech Session

Darryl Singleton of Aqua Tech Sales & Marketing Inc. (aka Dr. Boiler) will present a working session covering a review of the vent sizing tables and details on the application of the tables for Category I appliances (CSA/CGA B-149 Appendix "B" Ontario Utilization Code Venting Tables). - Includes a test!



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## Upcoming Events of Interest

PRESENTED BY THE TORONTO ASHRAE CHAPTER:

### INTEROPERABILITY:

### WHAT, WHY & HOW?

TUESDAY MAY 15, 2001  
REGAL CONSTELLATION HOTEL, TORONTO AIRPORT

TRADE SHOW AND SEMINAR

Technology Focus:

- Bacnet Protocol
- Echelon / Lonworks Protocol
- Open Based Systems
- Web Based Control
- Contractor Case Studies
- Consultant Case Studies
- Symposium Of Industry Experts

FOR UPDATES VISIT [WWW.TORONTOASHRAE.COM](http://WWW.TORONTOASHRAE.COM)

### Foothills 2001 Conference and Trade Show

April 19, 20 & 21 2001 - Edmonton, Alberta

Featuring Dan Holohan & John Siegenthaler

Contact the Alberta Hydronics Advisory Council, 9451 Ottewell Road, Edmonton, Alberta. T6B 2E3

Ph. (780) 466-9938 Fax (780) 468-4449 E-Mail : [lmwe42@home.com](mailto:lmwe42@home.com)

## **2000 - 2001 Meeting Schedule**

This year's meeting schedule is summarised below. Except for some special events, all meetings will be held at the Pinetree Restaurant, 395 Centennial Parkway North (at the QEW), Hamilton. 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, please contact George Robb. If you want to book the table top space to promote your product or service, or if you have a suggestion for a feature subject and/or speaker, contact John Pollock, George Robb, or any other member of the executive. There is a charge of \$ 75.00 for "Table Top" demonstration space, and this includes a business card ad for one month.

<b>2000 – 2001 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>
Apr. 10, 2001	TEGA	CSA / CAN/CGA-B-149 (Ontario Gas Utilization Code) - A working session on utilizing the tables. (Darryl Singleton, Aqua Tech Sales & Marketing)	Exhaust; Chimney Automation System  Belimo	Chimney and Appliance Venting,  (Steve Rattray, Wesmech Technical Sales)
May. 8, 2001	Student	Industrial Tour - Westcast Industries		
June 13, 2001	Membership/ Research	Annual Golf Tournament – Whirlpool Golf Course		
All meetings are at the Pinetree Restaurant, 395 Centennial Parkway North (at QEW), Hamilton, unless noted otherwise.				

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