

# AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS INC.

521 COLBORNE STREET, LONDON, ONT N6B 2T6

OCTOBER 1999

**ASHRAE**  
London Canada

## Chapter Program

### --- 1999 ---

Sept 27, 1999 - Water Treatment  
Oct 25, 1999 - Heat Recovery  
Nov 29, 1999 - Ont. Hydro Deregulation  
Dec - 1999 - No Meeting

### --- 2000 ---

Jan 31, 2000 - Primary/Secondary  
Pumping Systems  
Feb 28, 2000 - Backflow Prevention  
Mar 27, 2000 - Environment Canada  
Weather Data  
Apr 24, 2000 - Technical Tour  
June 5, 2000 - Golf Tournament



## COMMITTEE CHAIRS 1999-2000

**Student Affairs - Brenda Stonehouse**

679-2111 Fax: 661-3801

**Refrigeration - Andy Ireland**

453-3010 Fax: 453-3024

**TEGA - Paul Roszell**

689-1221 Fax: 689-7322

**Research - Peter Golem**

679-8660 Fax: 679-2145

**Historian - Don Johnson**

661-3302<sup>Ext 8893</sup> Fax: 661-3801

**Membership - Tom Pollard**

685-2570 Fax: 685-2570

**Reception - Pete Edmiston**

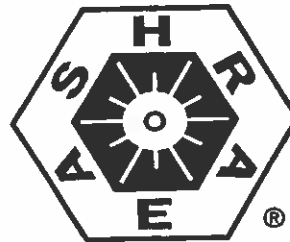
455-7000 Fax: 455-7733

**Newsletter - Scott Turner**

652-1977 Fax: 652-9323

**Golf Tournament - Hugh Palser**

471-9382 Fax: 471-1049



website: [www.execulink.com/~tpollard/ashrae.html](http://www.execulink.com/~tpollard/ashrae.html)

## NEWSLETTER

Monday October 25, 1999

Speaker: Gordon Cooke, P. Eng.

Topic: Energy Recovery in Occupancy  
Buildings

Highland Golf & Country Club- 279 Commissioners Road East

Social Hour - 5:00 pm  
Meal Cost - \$ 30.00 Guest

Dinner - 6:00 pm  
\$ 15.00 Student

## BOARD OF GOVERNORS 1999-2000

President	Norm Clarke	453-3010	453-3024
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**Speaker: Gordon Cooke, P. Eng.**  
**President of Air Solutions Inc.**  
**Cambridge, ON**

Gord Cooke is a Professional Engineer, and President of Air Solutions Inc., a company that acts as a manufacturers' agent for various companies in the field of Energy Efficient Housing and air quality. He has presented regularly at the Ontario Builders Forum, at the EEBA Conference and at the annual ASHRAE Conference.

**Project Experience**

- ◆ Co-Author and Trainer, Domestic Energy Advisor 5 Day Accredited Course, Seneca College
- ◆ Trainer, Cure for the Common Callback - Building Science Workshop, Energy Efficient Building Assoc. Minneapolis
- ◆ Indoor Air Quality Investigation for Cree Nation in Chisasibi, Quebec
- ◆ Trainer, Ontario Green Communities Initiative, Energy Training Ontario
- ◆ Trainer, Building Science Workshop for Mechanical Contractors, Centra Gas
- ◆ Co-Author and Trainer, Building Science Workshop for Mechanical Contractors, Consumers Gas
- ◆ Technical Advisor, CMHC Healthy Housing Award Winner for Ontario, James Keating Construction
- ◆ Moderator & Presenter, Ontario Builder Forum
- ◆ Development of Indoor Air Quality Information Seminar for Ventilation Contractors
- ◆ Indoor Air Quality Audits for various commercial clients

**Membership**

- ◆ Professional Engineers Association of Ontario
- ◆ CSA Technical Review Committee for Residential Products
- ◆ R-2000 Technical Committee
- ◆ HRAI, Ventilation Council & Education Committee
- ◆ Guelph Home Builders Association

**ABSTRACT**

**Application of Energy Recovery Ventilation in Variable Occupancy Buildings**

Traditionally, heat recovery ventilators have been perceived as cost effective only in applications of near constant operations. This presentation will outline the cost effective design options available, which meet the ventilation requirements of ASHRAE 62.89 in applications with variable occupancies. A full discussion of the workings of various energy recovery technologies will be included



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scott.barker@ca.lanfor.siemens.com

**D. Scott Barker**  
Systems Supervisor

**TRANE**

Norm Clarke, P. Eng.  
District Manager

Trane Canada  
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Fax: 519 453 3024

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**Membership: Tom Pollard, P.Eng.**

I would hope that most people have forwarded their Society fees to Atlanta. The current records indicate that only 76 members out of 130 have paid (58%). As November is membership retention month, please be sure to send in your fees. If you wish to receive a copy of the membership roster that will be printed in January, please be sure that your chapter dues are paid to Atlanta before the end of October (this is so that we have an accurate roster as it takes a minimum 45 days for Society to process renewals). If you are not sure if you have paid your fees, please ask at a meeting or email me (my records are updated monthly - last records are for fees processed up to Oct 1). I would also like to remind those that wish to purchase into the meal plan that they should bring their completed forms and \$140.00 to the meeting.

**New Members ~ The London Chapter would like to welcome the following new members:**

- |   |                                      |
|---|--------------------------------------|
| Mark Broughton - Carrier Canada           | Frank Brown - Weishaupt Corp         |
| Frank DaCosta - Boss Services             | Peter Davidson - Northern Industrial |
| Elias El-Zoghbi                           | Afshin Hurmuzlu                      |
| Derek Jackson                             | Edward Lainsbury - EH Price          |
| Jean-Pierre Mitton - Trigen Energy Canada | Al O'Grady - Union Gas               |
| Ed Rinas - Westminster Mechanical         | Frank Ruzich - Trane Canada          |
| Ron Warren - Stantec Consulting Canada    | Jennifer Whiteside                   |

**Chapter Technical Sessions:**

Starting at the October Chapter Meeting, technical sessions will be held from 5:20 to 5:55 in the East Dining Room at the Highland Club. The technical session will consist of a 15-20 minute presentation followed by a 10-15 minute open discussion on basic HVAC topics. **October's session will review BASIC ACOUSTICS.**

**President's Message:**

As promised, this month's meeting will kickoff our pre-meal Technical Sessions we are planning to run this year. In case you missed the announcement, the sessions will run from 5:20 to 5:55 before dinner in the East Dining Room at the Highland.

Also, just a reminder in case you haven't done so already, to please take advantage of the Chapter Meal Plan. At \$140 it represents a substantial saving over the cost of paying for individual meals. It also helps the Chapter's cash flow requirements, so please help out and get your cheque in. You can send, or better yet, give your cheque to Tom Pollard, our Membership Chair, at this month's meeting. At our Board of Governor's meeting earlier this month, our Chapter's committee chairs committed to their PAOE point goals for this year. As indicated previously, one of our Chapter's goals this year is to get more people involved. Specifically, we want a minimum of two people on each committee. The work is really minimal, but it goes a long way and I think you'll find it can be a lot of fun. Please chip in and give our Chapter chairs a positive response when you are approached.

Finally, with so much going on with ASHRAE these days, why not bring a guest to this month's meeting. Who can't afford to know more about Heat Recovery?

