



Airways

Hamilton Chapter No. 037

American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 42, No.4

December 2000

President

George Robb
Phone (519) 885-2858
gjrobb@golden.net

Secretary

Steven Hey
Phone (905) 525-2406
shey@munrometal.com

Treasurer

Tony Rocco
Phone (905) 529-5122
arocco@sympatico.ca

Research Co-Chairs

John Pollock
Ed Cazzola
Phone (905) 523-1988
ecazzola@sentex.net

Membership Chair

Ed Molnar
Phone (905) 338-0808

Student Activities Co-Chairs

Darryl Singleton
Phone (905) 545-5479
drboiler@vaxxine.com
Ed Szpytma
Phone (905) 548-3435
eszpytma@uniongas.com

Programs Chair

Dave Stacey
Phone (905) 643-2200
david.stacey@sbt.siemens.com

Historian

George Menzies
Phone (905) 388-1313
gmenzies@netcom.ca

T.E.G.A.

Bob Mosley
Phone (905) 634-0500
bobm@htseng.com

Social Chair

David Rasmussen
Phone (905) 575-5542
drasmussen
@delhi-industries.com

Newsletter Editor/Webmaster

Brian Beninger
Phone (905) 563-3221
Fax (905) 563-7123
beninger@vaxxine.com

Saturday, December 9, 2000

PAST PRESIDENT'S AND FAMILY DAY

It's Christmas time again, and this year we are planning a special family event to be held at historic Dundurn Castle in Hamilton. Be sure to fax back the attached form as soon as possible to reserve your place. We hope you can join us for some good times and Christmas cheer.

RESEARCH RECOGNITION at Dundurn Castle

We would like to thank last years Research Investors at our Christmas Meeting. They are:

James Buchanan
Terence McLorg
George Menzies
Lou Stenesy
Bill Stevens
Ed Fowler
Ed Cazzola
George Robb
Richard Lay

Enermodal Engineering
Carl Ljungberg Inc.
RCR Design
Niagara Plumbing
Sandwell Engineering
Rheem Canada Inc.
P&H Supply

Thank you for your support last year

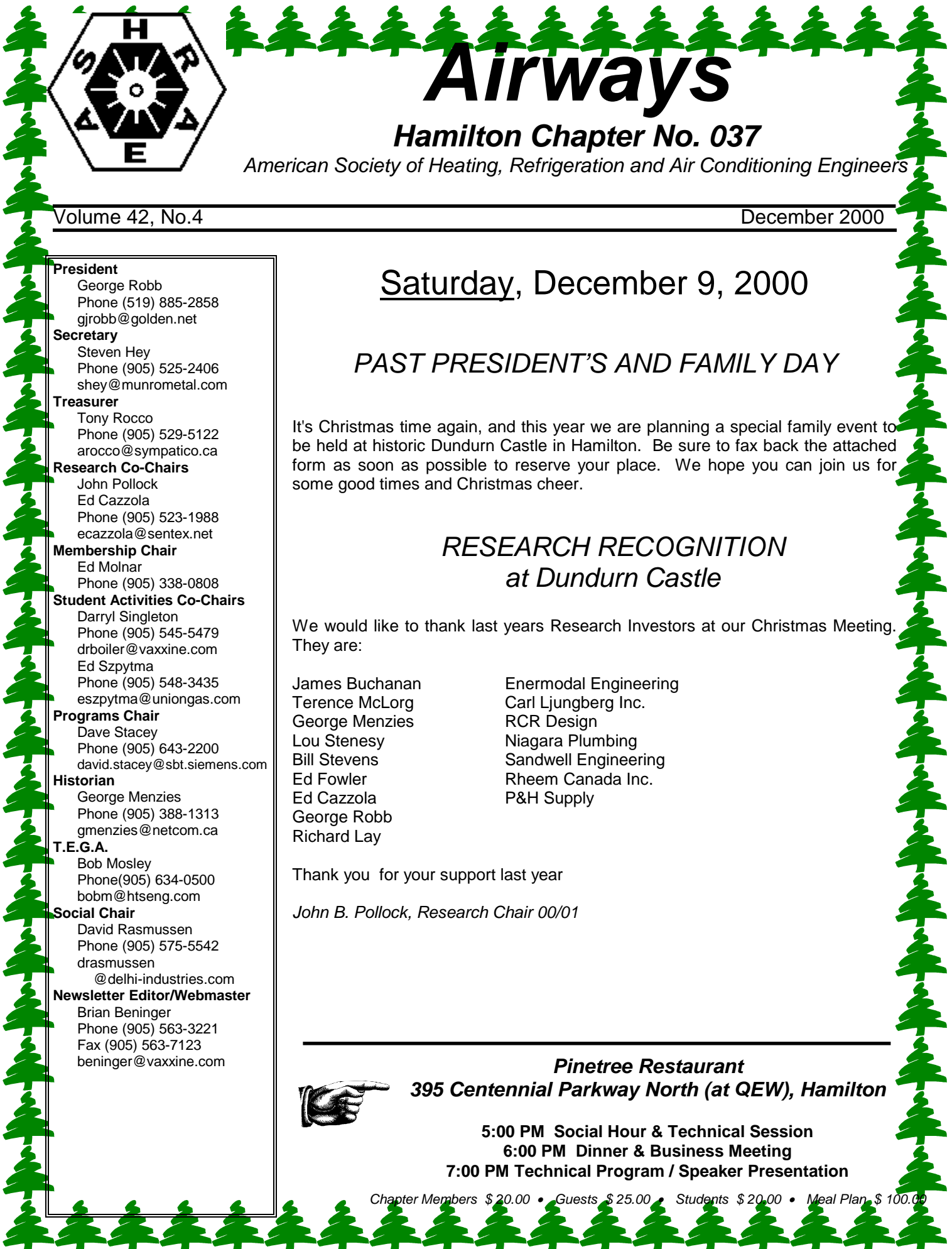
John B. Pollock, Research Chair 00/01



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





FRANK J. STEPSKI
Sales Manager

HEAD OFFICE 40 Biggar Avenue, Hamilton Ontario Canada L8L 3Z4 Bus. (905) 545-5479 Fax. (905) 545-8655	<i>Manufacturers Agents</i>	LONDON BRANCH 265 Banbury Crescent London, Ontario N5Z 4T7 Bus. (519) 681-8699 Fax. (519) 680-3225
--	-----------------------------	---

NORTHERN INDUSTRIAL FANS & BLOWERS

MARTIN HALLIWELL, P.Eng.

Tel: (519) 886-8091
Fax: (519) 886-0160



Web Site: www.nisco.net
Toll Free: 1-888-FAN-COIL

Address: 539 Paradise Ct., Waterloo, ON N2T 2N7

W.F. (Wilfred) LAMAN, P. Eng.
Regional Sales Engineer



*an ISO 9001
Company*

CHICAGO BLOWER CORPORATION

Represented by:

**Chicago Blower Sales
of Southwestern Ontario**

59 Abbey Close
Ancaster, ON L9G 4K8
Phone: 905-648-7030
Fax: 905-648-9220



154 Oak Avenue
P.O. Box 406, LCD1
Hamilton, Ontario L8L 7W2

Telephone: (905) 525-2137
Inwats: 1-800-263-8356
Fax: (905) 525-3054

Brian Beninger P.Eng.

*Mechanical Engineering
HVAC • Hydronic
Commercial • Industrial • Residential*

4356 Lincoln Avenue
Beamsville, Ontario, L0R 1B2
Phone (905) 563-3221
Fax (905) 563-7123
beninger@vaxxine.com

HAMILTON ASHRAE LIBRARY

Standards

Guideline 1-1996
The HVAC Commissioning Process

Standard 15-1994
Safety Code for Mechanical Refrigeration

Standard 34-1992
Number and Safety Classification of Refrigerants

Standard 55-1992
Thermal Environmental Conditions for Human Occupancy

Standard 100-1995
Energy Conservation in Existing Buildings

Standard 111-1988
Practices for Measurement, Testing, Adjusting, and Balancing
of Building Heating, Ventilation, Air-Conditioning, and
Refrigeration Systems

Standard 135-1995
BACnet

Compact Disks

ASHRAE Handbook - 1995,96
ASHRAE Handbook - 1995,96,97
ASHRAE Transactions – 1997

Books

AMCA Fan Application Manual

ASHRAE Pocket Guide for Air Conditioning, Heating &
Ventilation

ASHRAE Manual for Chapter Operations 1998

ASME B31.1 • Power Piping

Cogeneration Design Guide

Cold Air Distribution Design Guide

Design for Smoke Management Systems

Duct Fitting Loss Coefficient Tables

**ASHRAE Hamilton Chapter
Wishes To Extend A Special Thanks
To All The Corporate Sponsors
Of Our Annual Golf Tournament
Last June At Whirlpool Golf Course
In Niagara Falls**

Comstock Canada

Johnson Controls

Niagara Plumbing Supply

Penn Ventilator

Weil McLain

Honeywell Manual for Automatic Controls
Industrial Ventilation, A Manual of Recommended Practice,
23 Edition

Laboratory HVAC

Load Calculation Principles

Noise and Vibration Control

Message From The Editor

We have a \$100 - off certificate available to any member attending the ASHRAE winter meetings for the first time. If you are interested, contact Wilfred Laman.

Once again our annual golf tournament will be held at Whirlpool Golf Course in Niagara Falls. This year, major sponsors will be rewarded with sponsor signs at individual holes and a full year's business card ad in Airways. If you are interested in helping us sponsor this event, please contact Dave Rasmussen.

Brian Beninger, Airways Editor / Webmaster 00/01

Upcoming Events of Interest

2001 ASHRAE Winter Meeting

January 27-31, 2001, Atlanta, Georgia

ASHRAE
Hamilton Chapter
presents

Christmas Family Event

at

Dundurn Castle, Hamilton

(Website: <http://www.city.hamilton.on.ca/cultureandrecreation>)

on

Saturday, December 9, 2000

1:30 – 5:00

The afternoon includes a tour of the historic castle, a Festive Season luncheon (incl. wine) in the Coach House Restaurant and the Chapter President's Christmas wishes.

Menu

Entrees are served with organic grain breads and butter, choice of soup or side salad, potato or noodles (or substitute), two vegetables, dessert, coffee and tea.

Boneless Chicken Breast with Tomato marmalade

Adults \$35.00/adult

Children \$20.00/child

Please RSVP to fax (905) 643-6775.

Number of Adults _____

Number of Children _____

Name _____

Contact Number _____

1999 - 2000 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.

2000 – 2001 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY

Month/Date	Theme	Tech Session 5:00 – 6:00 p.m.	Table Top Presentation	Guest Speaker/Main Topic
Dec. 9, 2000	Membership/ Research	Hamilton – Dundurn Castle – Family Event – 1:30p.m. to 5:00p.m.		
Jan. 9, 2001	Research	New Technology in Cartridge Filters	Envirotech	Ultrafine Particles and Indoor Air Quality (Roger Williams, TSI)
Feb.13, 2001	TEGA	Fundamentals of Local Area Networks	Energy Control	The Use of CFD in Modelling Airflows in Occupied Spaces: Industrial & Commercial (Duncan Phillips, P.Eng., RWDI)
Mar. 13, 2001	Refrigeration	Expansion Valves (John Pollock)	Copeland Alco	Supermarket Refrigeration (Paul Neelands, Neelands Refrigeration)
Apr. 10, 2001	TEGA	Retrofitting old Chimneys	Belimo and West Mech Exhaust Venting	Chimney Vents
May. 8, 2001	Student	Industrial Tour - Westcast Industries Meet at Morgan's On The Grand		
June 13, 2001	Membership/ Research	Annual Golf Tournament – Whirlpool Golf Course, Niagara Falls		

All meetings are at the Pinetree Restaurant, 395 Centennial Parkway North (at QEW), Hamilton, unless noted otherwise.

Airways Newsletter Editor:
 Brian Beninger
 Beninger Engineering Limited
 4356 Lincoln Avenue, Beamsville, Ontario L0R 1B2
 Phone (905) 563-3221
 Fax (905) 563-7123
 E-Mail beninger@vaxxine.com

Hamilton Chapter Mailing Address:
 11 Paulander Dr., Unit B
 Kitchener, Ontario N2M 5B6
 Phone 800 644-4406
 Fax 519 741-9380

ASHRAE Hamilton Chapter
<http://www.vaxxine.com/ashrae/>