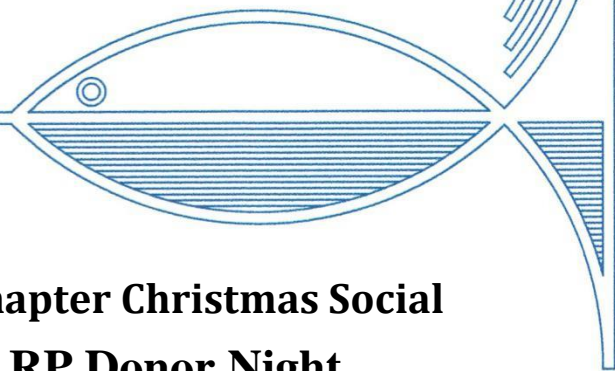




# THE HERRING CHOKER

## ASHRAE

### NB PEI CHAPTER



#### **2018-2019 Executives**

**President:**

Yves Savoie (506) 857-2777

**President Elect:**

Ryan Gosson (506) 977-1418

**Vice-President:**

Dan Boudreau (506) 857-8880

**Treasurer:**

Shelby Gallant (506) 635-1566

**Secretary:**

Chantal Daigle-Verrier

**Membership Promotion Chair:**

Kevin Bregel (506) 633-2305

**Research Promotion Chair:**

Dan El-Khoury (506) 857-2777

**Student Activities Chair:**

Ted White (506) 453-4185

**Historian:**

Kevin Leger (506) 382-8625

**CTTC Chair (Programs):**

Matthew Peachman (506) 633-6650

**Newsletter Editor:**

Jason El-khoury (506) 857-2777

**Electronic Communication:**

Mike Boudreau (506) 866-3571

**YEA Coordinator:**

Ben Roundell (506) 459-3940

**Grassroots Government****Activities Chair:**

Jarrett Steele (506) 206-1511

**Refrigeration Chair:**

Harold Gallant (506) 382-8625

**Golf Tournament Chair:**

Gerry Waselynychuk (506) 857-8744

**Government Affairs (Regional  
Vice-Chair, Region II):**

Robert Hoadley (506) 459-3940

#### **January 2019 Issue**

### **ASHRAE NB/PEI Chapter Christmas Social Past Presidents & RP Donor Night**

**Location:** Alma City Club  
114 Alma St, Moncton

**Time:** Tuesday January 15, 2019

**Schedule:**  
**3:30 pm** – Board of Governors Meeting  
**5:00 pm** – Social Hour  
**6:00 pm** – Technical Presentation: Update on  
Refrigerants by Kevin Bregel  
**7:00 pm** – Dinner:

**Dinner:**

*Cauliflower and Parmesan Volute*

\* \* \* \* \*

*~Slow Roast Pork Honey Glazed Loin~*

*Slow Roasted Honey Glazed Pork Loin, Demi-glaze with Garlic Mashed Potato and  
Buttered Vegetables*

*Or*

*~Chicken, Bacon and Mushroom Alfredo~*

*Chicken, Bacon and Crimini Mushroom Alfredo tossed in Penne Rigate topped with  
Parmesan Cheese*

\* \* \* \* \*

*Strawberry Mousse, Chocolate Shavings and Macerated Strawberries*

*Bon Appetit!*



**MacLeod and Grant Limited**  
Commercial - Industrial Heating Systems  
www.macleodandgrant.com

**D.J. (Jim) Morris**

P.O. Box 121, Moncton, NB, E1C 8T1  
451 Paul St., #213  
Dieppe, NB E1A 6W8

Tel: (506) 383-3151  
Fax: (506) 388-1927  
E-mail: jmorris@macleodandgrant.com



**WOLSELEY**  
9000  
Mobile Service Van  
1-888-448-4837

**WOLSELEY**  
Scott Donnelly, CET  
Sales Area Manager - Plumbing & HVAC/R Atlantic  
Cell 506-863-7107 scott.donnelly@wolseleyinc.ca  
www.wolseleyinc.ca www.wolseleyexpress.com



**Daniel El-Khoury, P.Eng./Ing.**  
Project Engineer/Ingénieur de projets

T: (506) 857-2777  
D: (506) 389-6904  
F: (506) 857-2753  
dje@crandallengineering.ca

**crandallengineering.ca**



## Introduction to our Speaker



**Kevin Bregel** is a Systems Sales Account Manager with Trane Atlantic in Saint John, NB. He works closely with owners, consultants and mechanical contractors to design and supply HVAC systems for new and existing buildings as well as provide equipment for specialized process cooling applications such as Ice Rinks, Fish Tanks, Breweries, etc.

Kevin is a graduate of the University of New Brunswick with a Bachelor of Science in Engineering (Mechanical). He is a Member in Training of the Association of Professional Engineers and Geoscientists of New Brunswick. He is an affiliate member of the NB/PEI ASHRAE Chapter and is a graduate of the Trane Graduate Training Program.

The presentation will be a follow-up update to last year's Refrigeration Night presentation, in which we reviewed the global HFC phase-down timeline established by the Kigali Amendment to the Montreal Protocol, compared the refrigerant options available today, and discussed the variables to consider with the transition to lower-GWP refrigerants.

## Presentation Summary

With the Kigali Amendment to the Montreal Protocol now ratified, the HVAC industry is preparing for the global phase down of hydrofluorocarbon refrigerants (HFCs, e.g. R-134a, R-410A) and working to implement the next generation of refrigerants, hydrofluoro-olefins (HFO, e.g. R-1234ze), hydrochlorofluoro-olefins (HCFO, e.g. R-1233zd), and HFO blends (e.g. R-513A, R-514A, R-452B). The Kigali amendment aims to reduce the global use of high Global Warming Potential (GWP, CO<sub>2</sub> GWP=1) HFCs to prevent up to 100 billion tons of CO<sub>2</sub>-eq emissions by 2050, and avoid up to 0.5 degree C of warming by 2100.



**uponor**

**Bill Hooper, CET**  
Regional Sales Manager  
Atlantic

T (506) 851-5348  
D (506) 849-1088  
F (506) 849-1089  
W www.uponorpro.com  
E bill.hooper@uponor.com

Uponor Ltd.  
87 Auburn Way  
Quispamsis NB E2E 5C3  
Canada

**Black & McDonald**

**FRÉDÉRIK BERNARD**  
Commercial Projects Manager

71 Loftus Street, Upper Level, Moncton, New Brunswick E1E 2N1  
Tel: (506) 382-8010 Fax: (506) 388-2286 Mobile: (506) 380-9216  
Email: fbernard@blackandmcdonald.com www.blackandmcdonald.com

**David Samuel, P.Eng**  
Regional Sales Manager

t. 613.544.2200  
f. 613.544.7779  
c. 506.962.1163  
dsamuel@directcoil.com

**DIRECT COIL INC.**

5055 Taylor Kidd Blvd.  
P.O. Box 430  
Millhaven, ON K0H 1G0  
www.directcoil.com

## RP Award Recipients



Master Group



Crandall Engineering Ltd.



Mr. Daniel A Boudreau



Mr. Daniel El-Khoury



Advanced Energy Managements Ltd.



Aquavap Indotec Agencies Moncton



Controls & Equipment Ltd.



Ms Shelby I Gallant



## DONOR RECOGNITION

Each year ASHRAE society members and contributors donate over \$2 million towards HVAC research activities. This past year our chapter raised over \$14,000 for the campaign, completely due to the generosity of our local society members and corporations. Our chapter thanks those who contributed to the 2017-18 Research Promotion campaign. Our success as a relatively small chapter has been noticed across North America. We look forward to another successful campaign in 2018-19 in partnership with our great local supporters.

### Top Donors

Controls and Equipment Ltd  
Global Mechanical Systems Ltd.  
Advanced Energy Management Ltd.  
Systemair  
Mechanical Contractors Association of NB. Inc  
Valley refrigeration and Air Conditioning

### Donors

Enertrack- Moncton  
Rae Mac Agencies Inc.  
Select Mechanical Contractors  
Victaulic Company of Canada Ltd.  
Crandall Engineering Ltd.  
Steele Engineering Limited  
Aquavap Indotec Agencies  
Master Group  
Scan Air Balance Ltd.  
Macleod & Grant  
Hydro-Mechanical Sales  
Black & McDonald  
Argyll Associates Ltd.  
Brunswick Sheet Metal Ltd.  
Memco  
Degree Technologies  
Daniel El-Khoury  
Gary Hoadley  
John Maclean  
Shelby Gallant  
Yves Savoie  
David Samuel  
Camille Chevarie  
Robert Hoadley  
Daniel Boudreau



**Master**  
AIR CONDITIONING REFRIGERATION  
VENTILATION HEATING


Kevin Clannon, CET  
Senior Applied Sales  
Specialized Equipment  
kclannon@master.ca  
T 506-382-8625  
C 506-875-0675  
F 506-382-8626  
1 888 577-8625

The Master Group L.P.  
186, Dieppe Blvd.  
Dieppe (NB) E1A 6P8  
MASTER.CA

**TWEEDIE & ASSOCIATES**  
CONSULTING ENGINEERS LTD.

Stephen Tweedie  
P.Eng., LEED AP, CBCP

33 Pine Glen Road  
Riverview, NB E1B 1V3  
Tel. (506) 383-8223  
Fax. (506) 382-8223  
Cell. (506) 852-1570  
e-mail. stweedie@lace.ca



**EAST COAST SHEET METAL LTD.**  
General Mechanical Contractor • Air Conditioning & Heating

Michael Boudreau, P. Tech  
Estimator

PO Box 4311  
Dieppe, NB E1A 6E9

Tel. 506.859.7616 ext. 104  
Cell 506.866.3571  
Fax 506.855.2232  
mboudreau@ecsm.ca

**J.F. Taylor Enterprises Ltd.**



Manufacturers Agents for  
Plumbing, Heating & Humidification

**Andrew G. Campbell**  
President - Co-Owner  
Office: (506) 389-8751  
andrewcampbell@jftaylor.ca Cell: (506) 380-1137 E1A 4B8

41 Blakeny Street  
Moncton, N.B.  
E1A 4B8

VISIT OUR WEBSITE: [WWW.JFTAYLOR.CA](http://WWW.JFTAYLOR.CA)

**CBCL** Matthew Peachman, P.Eng., LEED® AP, BD+C  
Mechanical Engineer  
mpeachman@cbd.ca • 506-633-9937 • C 506-651-8993

**CBCL LIMITED**  
Consulting Engineers

CBCL Limited • 22 King Street, PO Box 20940, Saint John, NB E2L 5B2  
T: 506-633-6650 • F: 506-633-6659 • [www.CBCL.ca](http://www.CBCL.ca)

Experience • Vision • Commitment

Your complete  
**HVAC**  
Supplier!

**GLOBAL**  
Mechanical Systems Ltd.  
[www.globalmech.com](http://www.globalmech.com)

290 Baig Blvd.  
Suite B14  
Moncton, NB  
E1E 1C8

Ph: (506) 857-4887 Fax: (506) 857-1989

**BAC**

**BALTIMORE AIRCOIL COMPANY**

Gerry Waselynychuk President  
BAC Represented By  
AQUAVAP INDOTEC AGENCIES (NB) INC.

gerry@aquavapgroup.ca  
506.857.8788 tel  
506.857.9890 fax

120 Rideout Street - Moncton, NB E1E 1E2 • [www.BaltimoreAircoil.com](http://www.BaltimoreAircoil.com)

**Victaulic**

Brad McAllister  
Sales Representative

155 Canaan Drive, Suite #411  
Dieppe, NB E1A 0W4  
bmcallister@victaulic.com

Cust. Service: 1.877.426.3500  
Fax: 506.384.3617  
Cell: 506.875.3352

**ENERTRAK INC.**  
DISTRIBUTOR OF HVAC EQUIPMENT

[www.enertrak.com](http://www.enertrak.com)

**MITSUBISHI ELECTRIC**  
**annex/ir**

**RenewAire**  
Energy Recovery Ventilators

**SILUZ** **SMART**

**ERIC LEBLANC, P. Eng.**  
10-297 COLLEGE AVENUE, 10th FLOOR  
DIEPPE, NB E1A 6E9  
T 506.855.3365 F 506.855.3370 C 506.875.8078



NB/PEI ASHRAE Paraphernalia*Golf shirts: Blue: All sizes: (\$15)**Padfolio (\$15)*


- o Embossed with our ASHRAE NB/PEI logo*
- o Two slant pockets neatly hold cards, disks, papers and more*
- o Zippered closure to secure important items*
- o Sleek outside pocket for quick access*
- o Includes writing pad and pen-holder*
- o Size: 241 x 165 x 25mm (9-1/2" x 6-1/2" x 1")*



Joey Parent  
Eastern Territory Manager

Xylem Applied Water Systems,  
a Division of Xylem Canada Company  
331 Elmwood Drive, Unit 4, Suite 166, Moncton, NB E1A 7Y1 Canada  
Cell 1 506 962 5387  
Toll Free 1 888 488 4033  
joey.parent@xylem.com  
www.xylemapplicdwater.com

**xylem**  
Let's Solve Water

**SCAN AIR BALANCE 1998 LTD.**  
Certified Member AABC  
HVAC  
Air & Water Balancing • Duct Leakage Testing

**PAUL VINCENT**

50 Ditscoll Crescent, Suite 200  
Moncton, N.B. E1E 3R8

Tel: (506) 857-9100  
Fax: (506) 857-1719  
scanair@nb-aibn.com

**Yorkland Controls**

ENVIRONMENTAL SOLUTIONS

**Alex LeBlanc**  
Business Development Manager

alexblanc@yorkland.net  
yorkland.net

40 Fielding Avenue,  
Dartmouth, Nova Scotia  
B3B 1E4

t. 902-481-7590  
f. 902-481-7587  
m. 902-830-9184  
cf. 877-733-3833

**Jarrett G. Steele, PEng**  
Test & Balance Engineer

**STEELE ENGINEERING LIMITED**

**Air & Water  
Balancing**

Fredericton, NB  
tel (506) 206-1511  
fax (506) 206-1213  
jsteele@steeleengineering.ca

**Brian Dutt, MBA / CEM**  
President  
Head Office

**CONTROLS EQUIPMENT™**

Office (506) 874-4043  
bdutt@controlsequipment.com  
controlsequipment.com

**PEERLESS**  
40 Consulting Ltd.

**François Thériault, P.Eng., LEED AP**

Tel: (506) 387-3083 Fax: (506) 387-3089  
E-Mail: francois.theriault@nb.aibn.com  
www.peerlessconsultingltd.com

106 HILLSBOROUGH ROAD, RIVERVIEW, NB E1B 1R3

*Advertise Your Company Here!*

*For more information contact the Herring Choker editor  
at:*

[editorashraenbpei@gmail.com](mailto:editorashraenbpei@gmail.com)