



November 2021

Pile of Bones

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President's Message

By: Carla Drager

Sending warm greetings to all our ASHRAE Chapter members.

We have another exciting presentation lined up for next week. Please join us on Wednesday November 10 and welcome Tom Todoruk, National Sales Manager at Tempeff. If things go as we hope, this could be our last virtual Chapter meeting.

The Board of Governors is working hard to plan a Christmas Social this year so please stay tuned for an announcement in the coming weeks.

A couple other friendly reminders: CRC will be held in-person here in Regina on May 5-7, 2022. If you can volunteer at any point throughout the conference, please reach out to Pierre Andre-Ranger. And registration is now open for the ASHRAE Winter Conference and AHR Expo on January 29-February 2, 2022. The event will be held both virtually and in person in Las Vegas. For more information about the conference, check out the ASHRAE Society website at <https://www.ashrae.org/conferences/2022-winter-conference-las-vegas>.

If you have any questions, comments, or concerns about this upcoming ASHRAE year, please don't hesitate to reach out and contact myself.

Thanks.

Carla Drager, Regina ASHRAE Chapter President

ASHRAE REGINA CHAPTER MEETING

**Wednesday,
November 10, 2021**

**Topic: Energy Recovery
Technologies**
Presenter: Tom Todoruk
**Meeting Location:
Microsoft Teams**

Agenda:
12-12:50 - Presentation
12:50-1 - Chapter Meeting

**Upcoming Events:
See below.**

Committee Chair Reports

Vice President/Chapter Alternate/President Elect/CTTC & Programs

By: Chris Klatt

This month we are having a lunch hour virtual presentation (Microsoft Teams) with Tom Todoruk, National Sales Manager with Tempeff North America based out of Winnipeg Manitoba. Tom will be discussing the advancements and innovative changes in Energy Recovery Technologies in HVAC systems.



SPEAKER BIO: Tom is an experienced manager with a background in the design, marketing, and sales of perimeter security devices for a variety of clients including nuclear power plants and the US Military. Tom has spent several years in the compressed air industry working with a wide array of industry professionals designing, selling, and installing various energy efficient compressed, vacuum, and breathable air systems throughout the province of Manitoba and Northwest Ontario. Tom has currently been working in air-to-air energy recovery for over 9 years with Tempeff.

PRESENTATION TOPIC: While vital to the health of building occupants, every building owner knows that the varied climatic conditions of North America make conditioning ventilation air very expensive. Energy Recovery systems can be excellent energy savers and can provide a quick payback for building owners especially in colder climates like Saskatchewan. Typical energy recovery technologies offer a maximum of 50-75% efficiency under ideal circumstances and much lower real effectiveness in colder temperatures due to frost. Most technologies suffer from the same basic drawback, frost forming on the exhaust side of the heat exchanger dramatically reducing the effectiveness of the heat recovery process and driving up true operating costs.

Tom will present an overview of different energy recovery technologies, identifying product types commonly used in the industry including the pros and cons of each technology. Tom will also demonstrate dual-core energy recovery technology, to simplify system designs, achieve greater efficiencies (90%), provide an overview of the unique capabilities inherent to the dual-core design, identify the inception of the dual-core technology in the 1970's, and

move through the growth of dual core, explaining how it works and presenting the pros and cons.

PRESENTATION TAKEAWAYS:

- Identify different energy recovery technologies used in the industry
- Overview these different technologies
- Demonstrate dual-core energy recovery technology
- Identify pros and cons of these different technologies

Upcoming Meeting Schedule (*subject to change*)

Date	Meeting Type	Presenter	Company	Topic
December 2021	Christmas Social			
January 2022	In Person	Mike Schwedler (ASHRAE President)	ASHRAE	Presidential Visit
February 2022	In Person	Randy Ryba (Fire Marshal)	City of Regina	Fire Protection
March 2022	In Person	Distinguished Lecturer	ASHRAE DL	To be determined
April 2022	In Person	Student Night		

May 2022	In Person	Douglas Hird (Gas Codes & Standards)	TSASK	Gas Inspection and Boiler Branch
June 2022	Golf Tournament			

Treasurer

By: Tyler Gamble

Hello everyone,

On behalf of the Board of Governors, thank you for your continued support of the Regina Chapter. As treasurer, my mandate includes maintaining accurate financial records and providing regular reports to the Regina Chapter membership. Find below a table summarizing the financial position of the Chapter for the current fiscal year. With the continued cancellation of numerous activities, revenues and expenses continue to be low. However, with in person meetings likely happening in the new year, please be on the lookout for prorated invoices for the balance of the 2021-2022 fiscal year, some time early in the new year.

Chapter Financial Update		
July 1, 2021 - November 5, 2021		
Revenue to date:	Budget	Actual
Membership fees:		\$ -
ASHRAE Dues	\$ -	\$ 2,165.00
Guest meals:	\$ -	\$ -
Seminar registrations:	\$ -	\$ 1,610.69
Other:		\$ -

Total Revenue to date:		\$ 2,165.00
Total Expenses to date:		\$ 1,610.69
Surplus to date:		\$ 554.31

The minimal revenues we have experienced this year are due to you, our members electing to pay the \$40 fee when you renew your ASHRAE society membership. Thank you so much for doing so as it has allowed the chapter to continue to function without needing to tap into our savings.

As of November 4th, 2021, the ASHRAE chequing account contains **\$20,608.03** and the business savings account contains **\$7,718.35**. It is best practice to have enough cash to cover six (6) months worth of expenses, which we are well inline with.

Please contact me with any questions, comments, or concerns.

Membership Promotion

By: Nathan Cross

Hello everyone,

I hope everybody is having a great fall and you are keeping busy & staying safe! I am looking forward to the exciting line-up of ASHRAE meetings we have planned.

Being a member of ASHRAE has tangible and intangible benefits. The tangible benefits include the ASHRAE Handbooks, the ASHRAE Journal, Insights and HPB Magazine, ASHRAE Newsletters/Blog, ASHRAE Standards and Leadership Training. The intangible benefits (that have been unfortunately put on hold due to the pandemic) include networking, personal and professional development and career advancement. We are all hoping to return to some sense of normal and start to see all the benefits from being an ASHRAE member.

Diversity in ASHRAE

By: Henry Reynoso

The Regina Open Door society is currently running a mentorship program where you can have the chance to mentor a newcomer to Canada. It is very simple to enroll, and your support will be very beneficial to the settlement process of mentees.

If you have any questions, you can contact Hasan Akbar at (306) 352-3521 or at his email hasana@rods.sk.ca.



Why mentor with us?

- Provide encouragement and support to newcomers to achieve their professional goals
- Make a difference in the lives of individuals and their families
- Lead individuals from diverse backgrounds
- Become an ambassador of our community
- Help us to shape Saskatchewan's future

Requirements:

- A desire to help others
- Willing to spend 4 hours with mentees in three months

To register as a mentor, please email mentor@rods.sk.ca

2021 - 2022 ASHRAE Regina Chapter Board of Governors

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