

CANADIAN **HYDRONICS** CONFERENCE

September 24 & 25, 2019 | OTTAWA, ONTARIO

passion

Learn from experts who share your **PASSION** for hydronics.

professionalism

Network with other hydronics **PROFESSIONALS**.

profit

Find new ideas & solutions to build your business & increase your **PROFIT**.

Conference Program and Exhibitor Directory



**CANADIAN
HYDRONICS
COUNCIL**

Presented by:

The Canadian Hydronics Council of the
Canadian Institute of Plumbing & Heating.

Welcome to the 2019 Canadian Hydronics Conference

Thank you for joining us in Ottawa for what we know will be an excellent two days of training and networking.

A special thank you to the Conference Committee members who have worked for the last twelve months to develop program content and recruit an outstanding line-up of speakers. These incredible volunteers, along with the Canadian Hydronics Council members, are true ambassadors for hydronics.

We'd also like to thank the exhibitors, our partners and allies within the hydronics industry in Canada, for participating in the trade show so that the conference delegates can see the newest products and technologies and meet the people behind them.

Enjoy your two days at the Canadian Hydronics Conference. We hope you take full advantage of the opportunity to:

- ✓ Learn from experts who share your PASSION for hydronics;
- ✓ Network with other hydronics PROFESSIONALS; and
- ✓ Find new ideas and solutions to build your business and increase your PROFIT.

Conference Co-Chairs

Mike Wills (Wolseley Canada) and Dave Harrison (Jess-Don Dunford Limited)

Welcome from the Chairmen of CHC and CIPH

On behalf of the Canadian Hydronics Council and the Board of Directors of the Canadian Institute of Plumbing & Heating, thank you for joining us in Ottawa for what we know will be an exceptional two days of "everything hydronics".

Congratulations to the Conference Committee for their hard work and dedication; the Canadian Hydronics Conference provides an unparalleled opportunity for technical training, business education, idea sharing and product knowledge – plus a forum to create connections with hydronics professionals from coast to coast.

Dave Hughes (NAIT), Chairman, Canadian Hydronics Council

Andrew Dyck (Barclay Sales Ltd), Chairman, Canadian Institute of Plumbing & Heating

Conference Committee

Dave Harrison, Jess-Don Dunford Limited, Co-Chair

Mike Wills, Wolseley Canada, Co-Chair

Daniel Desjardins, Boone Plumbing & Heating

Supply Inc.

Sean Giberson, Taco Comfort Solutions

Adam Hedden, Equipco Ltd.

Bob Lagasse, Wolseley Canada

Jerry Leyte, Viessmann Manufacturing Company Inc.

Scott Moore, Fleming College

Rene Paris, Klimar Agency Inc.

Matt Reid, Equipco Ltd.

Jean-Claude Rémy, Uponor Ltd.

All sessions and the trade show take place in the Ottawa Conference and Event Centre
200 Coventry Road, Ottawa, Ontario K1K 4S3

Conference Program: Tuesday, September 24, 2019

- 7:00am Registration in the Lobby – Main Floor – Pick up your name badge and conference materials.
- 7:30am – 8:25am Breakfast - Head into the exhibit hall, meet the exhibitors, and enjoy the buffet breakfast.
- 8:30am – 9:20am **PASSION, PROFESSIONALISM, PROFIT – OPENING KEYNOTE PRESENTATION**
Speaker: Toby Shannan, Chief Support Officer, Shopify
Room: 118DE – across the lobby from the trade show.
- 9:30am – 10:50am Choose one of:
- INCREASE YOUR HYDRONIC SALES AND PROFITS**
Speaker: Dave Hughes, NAIT Hydronic Certification Program Instructor
Room: 210 – second floor
- VARIABLE SPEED CIRCULATORS**
Speaker: John Barba, National Director of Training, Taco Inc.
Room: Theatre Hall 201 – second floor
- 10:50am – 11:10am Nutrition Break in the Exhibit Hall
- 11:20am – 12:20pm Choose one of:
- CEILING AND WALL RADIANT SYSTEMS**
Speaker: Steve Gibbs, Product Manager, Roth Industries
Room: Theatre Hall 201 – second floor
- CASE STUDY OF ENERGY EFFICIENCY IN COMMERCIAL BUILDINGS**
Speaker: Ronald Gagnon, ASHRAE Montréal Chapter, Concept-R Inc.
Room: 210 – second floor
- AIR TO WATER HEAT PUMPS**
Speaker: Mike Miller, Director of Commercial Sales, Canada, Taco Comfort Solutions
Room: 118DE
- 12:20pm – 1:20pm Lunch in the Exhibit Hall
- 1:30pm – 2:50pm **WHAT'S NEXT PANEL DISCUSSION**
Panelists: Murray Pound, Proprietor, Generations Master Builder
Roy Collver, President, OTBC Inc.
Gord Cooke, President, Building Knowledge Canada
Room: 118DE
- 2:50pm – 3:20pm Nutrition Break in the Exhibit Hall
- 3:20pm – 4:40pm Choose one of:
- COMBUSTION ANALYSIS – ALIVE AND HAPPY**
Speaker: Gary Fairhurst, Product Manager, UEi Test Instruments
Room: 210 – second floor
- MANAGING HOMEOWNER EXPECTATIONS**
Speaker: Gord Cooke, President, Building Knowledge Canada
Room: 118DE
- SNOWMELT SYSTEMS**
Speaker: Jean-Claude Rémy, Business Development Manager-Eastern Region, Uponor Ltd.
Room: Theatre Hall 201 – second floor

Your name badge is your entrance "ticket" to all CHC 2019 events. Please wear it at all times during the conference.

Conference Program: Wednesday, September 25, 2019

- 7:30am – 8:25am Breakfast in the Exhibit Hall
- 8:30am – 9:30am **GET MORE LIFE OUT OF YOUR BUSINESS**
Speaker: Greg Weatherdon, MRG Media
Room: 118DE
- 9:40am – 11:00am Choose one of:
- IoT OF H2O – SMART AND CONNECTED**
Speaker: Michael Breault, Senior Technical Instructor/Instructional Designer, Watts Water Technologies (Canada) Inc.
Room: Theatre Hall 201 – second floor
- MODULATING CONDENSING GAS**
Speaker: Roy Collver, Hydronics and HVAC Specialist, OTBC Inc.
Room: 210 – second floor
- 11:00am – 11:20am Nutrition Break in the Exhibit Hall
- 11:30am – 12:30pm Choose one of:
- INTEGRATING SOLAR THERMAL WITH HYDRONIC SYSTEMS**
Speaker: Rob Waters, Owner, Solar Water Services Inc.
Room: Theatre Hall 201 – second floor
- CUSTOMIZED MECHANICAL ROOMS TO OPTIMIZE EFFICIENCY AND PROFITABILITY**
Speaker: Bill Hooper, Regional Sales Manager – Atlantic, Uponor Ltd.
Room: 118DE
- RADIANT COOLING**
Speaker: Jean-Claude Rémy, Business Development Manager-Eastern Region, Uponor Ltd.
Room: 210 – second floor
- 12:30pm – 1:25pm Lunch in the Exhibit Hall - Your last chance to check out the exhibits and products and winners of many of the exhibitors' prize draws will be announced.
- 1:30pm – 2:50pm **WATER QUALITY PANEL DISCUSSION**
Panelists: Dave Nicholson, Trainer & Technical Service Manager, NTI
Kirk Nagus, General Manager, Axiom Industries
Matthew Reid, Outside Sales, Equipco Ltd.
Adam Hedden, Account Manager, Equipco Ltd.
Room: 118DE
Plus, presentation of the Canadian Hydronics Council Award of Merit.
- 2:50pm – 3:10pm Nutrition Break in the Lobby
- 3:10pm – 4:10pm **CURRENT RISKS AND REWARDS FOR THE INDUSTRY AND ITS BUSINESS OWNERS – CLOSING KEYNOTE PRESENTATION**
Speaker: Robert Bean, President, Indoor Climate Consultants
Room: 118DE
- 4:10pm – 4:30pm Prize Draws and Closing Remarks



**CANADIAN
HYDRONICS
COUNCIL**

The Canadian Hydronics Council (CHC), a council within the Canadian Institute of Plumbing & Heating (CIPH), has represented Canada's hot water heating industry for over 40 years. www.ciph.com/hydronics. For information on hydronics certification or becoming an Installer member of CHC, call 416-695-0447 or 1-800-639-2474 or email us at info@ciph.com.

CANADIAN HYDRONICS CONFERENCE

EXHIBITOR DIRECTORY



CIPH Logo indicates CIPH Member.



A.M.T.S. / ADP

Booth Number: 210

www.amtscanada.com

A.M.T.S. is a Canadian Master Distributor of high-quality HVAC and Hydronic equipment selling only to Wholesalers and OEMs across Canada.

Specific to the hydronic market, A.M.T.S. stocks a number of products including:
Hydronic Unit Heaters
Duct Mounted Hot Water Coils
Hydronic Air Handlers



Amvic Building Systems

Booth Number: 101

www.amvicsystem.com

Amvic Building System is a manufacturer of expanded polystyrene (EPS) insulation based in North America, offering a diverse range of high performing and innovative insulation products for the construction industry. Our products range from do-it-yourself to full envelope construction systems, geotechnical fill and more. Our presence spans across three manufacturing facilities in Canada, as well as two licensed partner manufacturers in the US. Combined with an extensive salesforce and distributor network, we offer strongly competitive pricing and on demand continent-wide shipping.



Aqua-Tech Sales & Marketing Inc.

Booth Number: 200

www.aquatech-canada.com

Aqua-Tech Sales and Marketing Inc. is the Master Canadian Distributor for Lochinvar Products covering all provinces and territories with the exception of Quebec.

With locations in Ontario and British Columbia, Aqua-Tech will celebrate our 25 year association with Lochinvar and 40 years as a company this coming 2020.

Through our distribution partnerships in each major market we sell and support high efficiency and condensing boiler and water heater products for residential and commercial applications.



aquatherm

we've got a pipe for that



Aquatherm

Booth Number: 311

www.aquatherm.com

Plumbing and heating/cooling piping.



Armstrong Fluid Technology

Booth Number: 409

www.armstrongfluidtechnology.com

Armstrong Fluid Technology, a Canadian owned company, produces the most innovative and energy-efficient fluid flow and control equipment for HVAC and water-based process application. Throughout its 85+ year history, Armstrong has introduced ground-breaking innovations that elevated industry practice and substantially improved the quality and performance of pumping and HVAC installations.

Armstrong's Design Envelope Compass H (Wet Rotor) and R (Dry Rotor) circulators offer: High Efficiency, Variable Speed, Auto Adapt to system or can be controlled by BMS for Hydronic and Potable applications.



Apollo Valves/Conbraco Industries

Booth Number: 508

www.apollovalves.com

Apollo® Valves is a class leading manufacturer of North American plumbing and heating products dating back to 1928. They have earned a reputation for developing new products to meet emerging market demands. Nearly all Apollo® products are produced in the U.S., at their ISO-registered, world-class foundries and facilities in Pageland and Conway, SC. Apollo® offers a complete line of plumbing and heating specialty valves as well as Copper and Carbon Steel Press fittings, Grooved fittings, and backflow products.



Axiom Industries
Booth Number: 209
www.axiomind.com

Axiom Industries manufactures industry leading specialty hydronic products for use in residential, commercial and industrial applications.



Bell & Gossett, A Xylem Company
Booth Number: 302
www.bellgossett.com

Bell & Gossett is a leading manufacturer of heating and potable water circulating pumps, hydronic accessories, valves, boiler controls and heat exchangers for plumbing, wastewater and HVAC applications. Bell & Gossett ECOCIRC - ECM HIGH EFFICIENCY CIRCULATORS - The industries most comprehensive range of small to mid range ECM pumps.



Bradford White Canada
Booth Number: 309
www.bradfordwhite.com

Bradford White Canada sells and supports Bradford White, Laars Heating and Niles Steel Tank products. So, whether it's hot water for washing dishes, a large boiler to provide heating needs for a hotel, or simply advice on the best product for any application, Bradford White Canada handles it all. We do this by maintaining a 1,000 square foot training facility, a full-service parts center, a large electric product conversion center, and whatever needs customers have including offering next day delivery.



Caleffi North America
Booth Number: 102
www.caleffi.com

Air, Dirt, Hydraulic and Magnetic Separators, Balancing Valves, Zone Valves, Air Valves, Mixing Valves for Hydronics and Plumbing Systems.

Booth drawings: 1. For Caleffi Backpack; and 2. For complete set of the Hydronics technical journal.



CB Supplies Ltd.
Booth Number: 703
www.cbsupplies.ca

CB Supplies Ltd. is a Canadian-based manufacturer and distributor of products primarily used in residential and commercial plumbing as well as radiant heating systems.

CB Supplies manufactures PEX and PE-RT tubing at our facility in Surrey, BC. CB Supplies proudly announced last year that VIPERT can do it all! Expand, push or crimp, VIPERT is certified compatible with F-1960, F-2080, F-1807 and F-2159. With increased flexibility/relaxed memory, excellent hydrostatic strength and burst pressures that far surpass required industry standards, VIPERT is all you need. Come check out our booth for more information.



Centrotherm Eco Systems
Booth Number: 201
www.centrotherm.us.com

Manufacturer of InnoFlue® Polypropylene Vent Systems for high-efficiency heating appliances and BlitzFlex® - the fastest air-intake solution on the market.



Chemline Plastics Limited
Booth Number: 310
www.chemline.com

Chemline offers socket fusion welding machines and tools for PP-R thermoplastic pipe and fittings sizes 20 mm (3/4") up to 500 mm (20"). Pipe fusion installation is fume and smoke-free and easy to do with our Widos fusion machines. Chemline offers fusion machine sales and rentals, T.S.S.A approved welding procedures, contractor training, field support and shop fabrication.



Flexmaster Canada Limited
Booth Number: 510
www.flexmaster.com

Z-Flex venting products: Z-Ven Special Gas Vent, Z-Dens Polypropylene Vent Systems, Z-Flex Triple Lock Chimney Liners, Z-Flex Direct Vent Systems.



Grundfos

Booth Number: 109

www.grundfos.ca

Grundfos is a global leader in advanced pump solutions, a trendsetter in water technology, and a pioneer in HVAC solutions. An annual production of more than 16 million pump units and 18,000 employees worldwide makes Grundfos a leading pump manufacturer.

Products Grundfos will be showcasing: Alpha 2, Alpha 26-99, Magna 3 32-60, TPE3, Zone Valves and Zone Controls.



HeatLink Group Inc.

Booth Number: 713

www.heatlink.com

HeatLink is a multi-system supplier of potable water and radiant hydronic heating/cooling and snow melt systems. For over 20 years we have created comfortable and efficient heating, cooling and plumbing systems for residential and commercial projects.

A selection from our Mechanical Room in a Box radiant heating control panels will be on display, as well as our Smart System wireless controls for radiant hydronic heating systems. We'll also have plenty of information on our other products and services available.



HPAC Magazine

Booth Number: 111

www.hpacmag.com

HPAC is simply Canada's "go-to" publication for Canadian hydronics. Featuring industry experts like John Siegenthaler, Robert Bean, Mike Miller, Steve Goldie and Rob Waters you're guaranteed to find a boiler-load of practical hydronics information. In addition to our own hydronics conference (Modern Hydronics – The Summit) HPAC produces Modern Hydronics magazine, both in print and digital formats, (don't forget to get your print copy at this event!) featuring 40+ pages of forward-looking, 100% hydronic focused content. If you like your heat wet – then HPAC's for you! To view past issues and sign up for your FREE subscription visit us at www.hpacmag.com.



Hydronic Systems Canada Inc. / Triangle Tube

Booth Number: 411

www.hydrronicsystems.ca

www.triangletube.com

Triangle Tube condensing gas boilers, indirect water heaters and condensing commercial water heaters.



IBC Technologies Inc.

Booth Number: 401

www.ibcboiler.com

IBC Technologies Inc. is a leading manufacturer of boilers and water heaters for residential and commercial use in North America. For over 20 years, IBC has been at the forefront of innovation in the heating industry. Products now range from appliances like condensing boilers, dual condensing appliances, tankless water heaters, and indirect water tanks, to accessories like racking systems, air handlers, floor stands, and other accessories.



Kane (Canada) Measurement Solutions Ltd.

Booth Number: 403

www.ueitest.com

Combustion Analyzers, Leak Detectors, Clamp Meters, Multimeters, Pressure Meters, Smart Phone Adapters, Temperature Testers, Refrigeration Analyzers and Refrigeration Scales.



Mechanical Business Media

Booth Number: 104

www.mechanicalbusiness.com

We look forward to greeting our readers at the show! Mechanical Business is Canada's largest publication for the mechanical trades. Each issue is jam-packed with technical editorial and industry news critical to anyone working in the trades. This unique and easy-to-read magazine is free of charge to contractors, wholesalers and engineers. Can't get enough? We are always expanding our website, including never-seen-before editorials, late-breaking news, surveys, industry links and fun industry-trivia contests. Visit us today at www.mechanicalbusiness.com.



Navien, Inc.

Booth Number: 208

www.navieninc.com

Tankless Water Heaters, Boilers and Combi-Boilers.



Nexus

Booth Number: 715

www.nexusvalve.com

Nexus carries a variety of hydronic specialty products based around flow control as well as efficient system components for the elimination of air and debris. Nexus is a leader in providing high quality products for the hydronic heating and cooling industry.



Noritz America

Booth Number: 211

www.noritz.com

Combustion analyzers, clamp meters, scales, thermomNoritz new 25-year warranty on the EZ Series Tankless Water Heaters for 50 to 75 Gallon direct replacements. With Top Mount Fittings, 2" venting will allow contractors to install up to 4 to 5 units per day! Become a PROCard user and receive extra benefits from Airline tickets to Yeti coolers through our new rewards program.



Northern Alberta Institute of Technology (NAIT)

Booth Number: 711

www.nait.ca

The Northern Alberta Institute of Technology (NAIT) is a leading Canadian polytechnic, delivering education in science, technology and the environment; business; health and trades. NAIT has nearly 40,000 credit and non-credit students and a 95 per cent employer satisfaction rate.

NAIT's Hydronic Installer and Hydronic Designer programs were developed for students throughout North America and address hydronic systems involving solar and geothermal heating sources. Offered through distance learning students can study at their own pace. Course registration and instructor support is overseen by NAIT while certificates are issued by the Canadian Hydronics Council for Hydronic Installer or Hydronic Designer.



NTI

Booth Number: 108

www.ntiboilers.com

Canada's most complete line of High Efficiency, Condensing Gas Boilers, Water Heaters and Combination Furnaces.



Plumbing & HVAC

Booth Number: 709

www.plumbingandhvac.ca

Plumbing & HVAC enjoys Canada's largest distribution to mechanical contractors, wholesalers, engineers, and facility maintenance staff. Our goal is to bring you the latest industry news, codes and standards, and the new products and technologies that can help grow your business. All editorial is written for you by a third-party writer or staff person. Hydronics is featured in every issue by Canada's resident expert, Roy Collver. Free subscriptions are available (print or digital) so please stop by our booth to sign up!



Prime Communications - Rogers Authorized Dealer

Booth Number: 114

www.primecomms.ca

The Prime Communications Team is Canada's largest corporate partners of Rogers™ Communications Inc. Serving Customers with End to End solutions for more than 20+ years. We support and offer the entire portfolio of Rogers solutions for Commercial and Enterprise Accounts including Fibre connectivity, Data Centre, Cloud, Wireless and IoT solutions along with Rogers' "Everything as a Service" model. Consultative approach to understand, determine, design and propose solutions that suit the customer.



heating technology since 1959

Radiant Hydronics North America

Booth Number: 303

www.radianthydronics.com

Radiant Hydronics offers a full line of leading edge tankless hot water heaters in addition to combination and heating only wall hung boilers that have revolutionized the HVAC industry. Radiant celebrates its 60th anniversary with the introduction of Dual Tech, the industry's first truly hybrid combination heating solution.



REHAU

Booth Number: 701

www.rehau.com/us-en

RAUPEX PEXa tubing, EVERLOC+ compression-sleeve fittings, hydronic radiant heating, Plumbing, PRO-BALANCE stainless steel manifold.



Reliance Worldwide Corporation (Canada) Inc.

Booth Number: 502

www.rwc.com

RWC and its family of brands (SharkBite, HoldRite, CashAcme, John Guest & StreamLabs) transform performance and efficiency for plumbing and heating, smart homes and specialist industries around the world. Come see our radiant manifolds, radiant Pex and Engineered bends and supports.



Resideo Technologies

Booth Number: 211

www.resideo.com

Resideo Technologies is a global manufacturer of thermostats, hydronic valves and controls, potable water valves and now smart home water products. Resideo is excited to show off our soon to launch Buoy smart water management connected shut off, with its industry leading machine learning analytics and optional wireless water leak/freeze detector modules.



RIELLO

Booth Number: 707

www.riello.com

New Riello Wall Hung Boiler Technology with A.C.C. (active combustion control).

ACTIVE COMBUSTION CONTROL

The advanced electronic combustion control system electronically monitors combustion continuously to ensure optimal fuel use. The auto-adaptability of the system to the type and composition of the gas eliminates the need for gas conversion kits. No mechanical calibration or manual adjustments for combustion are required on the boiler.



Roth North America

Booth Number: 112

www.roth-america.com

Radiant products including manifolds, panel systems, tubing and other installation accessories.



Taco (Canada) Ltd.

Booth Number: 308

www.tacocomfort.com

High efficiency circulators & pumps, hydronic controls, electronic controls, expansion tanks, buffer tanks, multipurpose tanks, highly efficient air separators, hydraulic separators, heat exchangers, booster systems, heat transfer packages.



tekmar Control Systems Ltd.

Booth Number: 410

www.tekmarcontrols.com

Controls for hydronic heating, zoning, snow melting.



The Morgan Group

Booth Number: 301

www.themorgangroup.com

The Morgan Group is a Manufacturer's Representative that specializes in hydronics systems and accessories. Please look to learn more about glycol from Chemfax, Make Up Packages from Calefactio, Magnetic filtration from Boiler Mag, Specialty Hydronic Valves from Webstone, and Bosch Boilers and Tankless.



Thermo 2000

Booth Number: 202

www.thermo2000.com

Manufacturer of heating systems for domestic hot water and hydronic heating systems for over 40 years, Thermo 2000 is recognized as a leader in research of innovative solutions in residential, commercial and institutional applications.



Uponor Ltd.
Booth Number: 203
www.uponor.ca

Uponor is a global pioneer in above and below-ground PEX piping solutions. Today our plumbing, mechanical/HVAC, radiant heating and cooling, and pre-insulated piping systems move water flawlessly in buildings worldwide. With more than 40 years of proven performance and 17 billion feet of pipe installed around the globe, Uponor is driving progress in the commercial building industry with water technology solutions that support sustainable building best practices and provide superior performance. The Canadian headquarters are located in Mississauga, with satellite offices in Vancouver, Calgary, Regina, Québec and Atlantic Canada as well as two Distribution Centres serving customer.



Viega LLC
Booth Number: 103
www.viega.us

Viega LLC is the recognized leader in press technology, providing complete systems that work together with consistent, reliable excellence. Viega offers multiple system solutions that are engineered and easy to install. Products include Viega ProPress, for copper and stainless, Viega MegaPress for carbon steel and stainless pipe, the Viega PureFlow System including PEX and fittings in high-performance polymer and Zero Lead bronze, as well as MegaPress CuNi and SeaPress systems for marine applications. Viega also specializes in the design, production and installation of heating and cooling systems, and offers Viega Flushing System Technology. For more information, visit viega.us.



Viessmann Manufacturing Company Inc.
Booth Number: 400
www.viessmann.ca

Viessmann is a leading manufacturer of residential and commercial hot water heating technology, and renewable energy systems. Our product range, featuring oil, gas or wood-fired boilers, domestic hot water storage tanks, commercial DHW heaters, solar collectors, and air handlers, can satisfy any demand in virtually any application.



Waterloo Manufacturing Company, Limited
Booth Number: 705
www.watmfg.com

Intellihot IQ Series - Delivering the ultimate in on-demand water-heating capacity. Intellihot Neuron - Finally, a drop-in solution that allows you to go tankless.



Watts Water Technology
Booth Number: 408
www.watts.com

Watts hydronic system components, radiant heating and cooling systems.



Weil-McLain Canada
Booth Number: 300
www.weil-mclain.ca

Since 1959, Canadians have turned to Weil-McLain Canada for top-quality, innovative and dependable hydronic heating solutions. No matter what your heating needs, our Residential and Commercial products are ready to tough it out for you. Our products are constructed of durable and quality materials and are engineered to deliver maximum efficiency at the lowest cost.



Wilco Canada Inc.
Booth Number: 402
www.wilo-canada.com
 Pumps and Pump Systems.

