



# Building Wellness & Efficiency

**Dates:** Aug 22 or 23<sup>rd</sup>, 2018  
**Where:** O'Dell Training Centre  
225 Bathurst Dr., Unit A  
Waterloo, ON

## Schedule

7:30am – Registration & Breakfast

8:15am – 12:30 - Seminars

12:30pm – Lunch



## Seminar Details

### 8:15 - 9:30 – Atmosair, Bi-Polar Ionization

Presented by: Carlos Gendron

To understand the principles of Bi-Polar Ionization (BPI) in nature, its applications and uses in indoor environments, its benefits to occupants in indoor spaces, as well as its overall benefits in improving indoor air quality and indoor environments.

To learn about how to apply BPI within HVAC design, to leverage its benefits to downsize mechanical equipment wherever possible, within Ventilation Code Requirements, and to reduce a building's energy efficiency and energy footprint.

### 9:45 – 11:00 – Nortec, Energy Savings in Cooling and Humidification through Evaporation

Presented by: Chris Habets, P.Eng., CEA

A look at how we can use evaporative cooling to greatly reduce energy bills in our cold climate. We'll look at the effect on air-side economizers and how to take full advantage of the cooling effect, as well as the massive reduction in energy use when evaporative technologies are properly applied. Applying technology to save energy and improve indoor air quality to make better buildings!

### 11:15 – 12:30 – enVerid, How ASHRAE 62.1 IAQP Can Reduce HVAC Equipment Cost and Save Energy

Presented by: Dr. Israel Biran

The Indoor Air Quality Procedure (IAQP) reduces outside air intake, keeping out polluted air, in addition to providing energy and first cost savings. With people spending 90% of their time indoors, indoor air quality has an enormous impact on health. Studies from Harvard, Berkley Labs, NBER and others, show that reducing carbon dioxide levels can increase occupant performance and productivity.

Learn About:

1. When and how to apply ASHRAE 62.1 IAQP
2. Building code compliance using IAQP
3. Compliance of sorbent based air cleaning technologies for IAQP
4. Achieving LEED points with IAQP using sorbent based Air Cleaning technologies



