New, sustainable ventilation alternatives arrive to AHR Expo

For the first time ever, WindowMaster Clearline Inc., will be exhibiting their controls systems, building performance know-how, and hardware associated with sustainable ventilation solutions to Orlando.

This year at AHR Expo, attendees will have the opportunity to learn about new, sustainable ventilation alternatives that are gaining traction in North America. These ventilation strategies have been well-known in Europe for years, and regularly applied to public and private, non-residential buildings. Stalwart examples of green infrastructure, Germany, Denmark, and the UK, have been early and vigorous adopters. However, the strategies and associated hardware are quite new to North America.

WindowMaster Clearline Inc. offerings exist as a niche in the HVACR industry in North America. Indeed, they are also unique in their class, characterized by the quality of the hardware they manufacture, the intelligence of their control algorithms, and the building performance consultation done by in-house engineers to help clients in the early design phase.

About sustainable ventilation strategies

Across the Atlantic, sustainable ventilation alternatives are better known by their more academic names: natural ventilation and mixed mode ventilation. Both terms are widely used in academic circles dedicated to ventilation, facade technology, and building performance. Key benefits of these two strategies include improved occupant productivity, a fresher indoor climate, and a low carbon profile for buildings.

Founded in Denmark, WindowMaster has distinguished itself as a front-runner of highly controlled and intelligent natural ventilation systems. The sophistication of the controls and the ability to integrate into BMS are what separates the WindowMaster solutions from others in the market.

When well-engineered and intelligent, natural and mixed mode ventilation are sought-after strategies by leading architects, building owners, and consulting engineers because they are an effective option for low carbon, sustainable buildings. They are also a benefit when trying to earn points towards prestigious green certifications such as LEED and are proven to enhance occupant productivity.

As the name suggests, natural ventilation takes advantage of natural forces both inside and outside the building to ventilate and change the air in the indoor space. At WindowMaster, Building Performance Engineers work with building planners during the early design phase to understand the climate variables and building function. They help planners analyze the feasibility of implementing natural ventilation as well as offering design solutions that enhance its use in the built space.

Mixed mode ventilation is the combination of natural ventilation and mechanical systems to exchange stale air in the building with fresh, outside air.

A proven technology

WindowMaster Clearline Inc. has several reference cases in the US and all over the world where these sustainable ventilation strategies integrate to BMS and work in combination with the HVACR systems.
present in the building. Examples include among others Harvard University, The University of Baltimore, The Seattle Bullitt Center, and the Tower at PNC Plaza in Pittsburgh.

Though they are newbies to the HVACR expo scene in North America, WindowMaster Clearline Inc. is the U.S.-based sales entity of a global company that’s been in operation since 1990. Founded in Denmark, WindowMaster counts with over 1,000 projects spanning 20 countries worldwide.

In attendance at AHR Expo 2020 in Orlando will be a team to represent the building performance engineering capabilities, controls and hardware development, as well as marketing and sales of the company.

Please visit WindowMaster Clearline Inc. at booth #888 to learn how façade automation can form part of a building’s fully integrated and sustainable HVACR strategy.

Contact:

Nanna Birkedal
PR & Marketing Project Manager
nbi.dk@windowmaster.com
+45 237 257 4

www.windowmaster.com