

PROJECT PROFILE

Rite-Hite - Enhanced Efficiency & Aesthetic Design



OVERVIEW

In 2023, Rite-Hite relocated to their new global headquarters located in Milwaukee's Fifth Ward. Their building features a state-of-the-art customer experience center that hosts customers from around the world, and also serves as a technical training space for employees, representatives and customers alike. In order to provide this architecturally beautiful design, and the HVAC needed to accomplish this, Rite-Hite enlisted Vyron's expertise.

CHALLENGE

- Mechanical system that provides the best efficiency and occupant comfort, all while maintaining desirable floor-to-ceiling window views of the city skyline.

SOLUTION

- Vyron provided Nailor® Underfloor Fan Coils, Sensible Cooling Terminals and Aermec™ Free Cooling Chillers.

RESULTS

Ease of Access

The underfloor air design allows for ease of access to low-voltage IT cabling as well as allowing the building to adapt to renovating (churn) as needs change, leading to a long-term cost savings.

Aesthetically Pleasing Design

Nailor Underfloor Air Terminals provide an optimum indoor climate, while allowing for an unimpeded view of the city.

More Efficient Cooling

Aermec Free Cooling Chillers contain solenoids that maximize free cooling, advanced controls resulting in higher efficiency and a robust design that results in a longer equipment lifespan.

AT A GLANCE

Contractor: Grunau

Vyron Engineer: Robert Feind

Engineer: IBC Engineering

Location: Milwaukee, WI

Application: High-End Commercial

Products: Nailor Underfloor Fan Coils

Aermec Free Cooling Chillers

Nortek Custom Air-Handling Units

Greenheck MAU's, ERV's, Fans,

Dampers, Louvers

Ductsox Skelecore - Verona

Benefits

- Ease of Access
- More Efficient Cooling
- Quiet Operation
- Improved Indoor Air Quality
- Aesthetically Pleasing Design



DID YOU KNOW?

Using Nailor Underfloor Fan Coils helps reduce the cost of heating and cooling? When heating & cooling happens from the top down in spaces with very tall ceilings, it requires more energy. However, Nailor Underfloor Fan Coils heat & cool at the floor, improving **indoor air quality** and covering the "breathing zone" using less energy.

