

CONTACT US

952.525.2050
info@CarsonSolutions.com



INNOVATIVE & SUSTAINABLE SOLUTIONS

Carson Solutions designs and manufactures HVAC equipment designed for occupied environments.

We focus on innovative products that exceed industry standards to assist in providing the best environments in which we work and live.



Customer Focused



Quality



Sustainable



Innovative

CARSON

SOLUTIONS™

QLCI™ 
Designed by TROX®
Displacement Chilled Beams



QLCI FAST FACTS



Increased IAQ



Quiet operation



Low maintenance



Ideal for new or retrofit

QLCI, designed by TROX®, combines the unique operational characteristics of thermal displacement ventilation with efficient active chilled beam technology in a unitary modular design. Through displacement ventilation, QLCI provides efficient and direct distribution of fresh outside air to the occupied space - improving Indoor Air Quality (IAQ) and in a broader sense, Indoor Environmental Quality (IEQ).

Similar to traditional active chilled beams, the QLCI includes low sound airflow through a system of engineered nozzles; no auxiliary air moving device is required in the space. The quiet acoustics produced by the QLCI conform to ANSI Standard S12.60 which result in enhanced learning and teaching environments. To further support a healthier learning and working environment, the thermal displacement operation promotes immediate removal of space contaminants.

All displacement systems are not alike; explore the benefits of the QLCI and low velocity thermal displacement ventilation by contacting Carson Solutions.



CONTACT US

952.525.2050

info@CarsonSolutions.com



INNOVATIVE & SUSTAINABLE SOLUTIONS

Carson Solutions designs and manufactures HVAC equipment designed for occupied environments.

We focus on innovative products that exceed industry standards to assist in providing the best environments in which we work and live.



Customer Focused



Quality



Sustainable



Innovative

CARSON

SOLUTIONS™

QLCI™

Designed by TROX®

Displacement Induction Ventilation

QLCI, designed by TROX®, combines the unique operational characteristics of thermal displacement induction ventilation with efficient technology in a unitary modular design.



DISPLACEMENT INDUCTION VENTILATION WITH ACTIVE CHILLED BEAM TECHNOLOGY

- Increased IAQ with 100% Dedicated Outside Air System (DOAS) Air Delivered to Occupants
- Combines Displacement Ventilation with Low Pressure Induction
- Industry Leading Ventilation Effectiveness
- Quiet Operation (< 35dBA) for Classrooms (meets critical ANSI S12.60 standard)
- Increased Thermal Comfort Throughout All Seasons
- Provides Total Indoor Environmental Quality (IEQ)
- Improved Learning & Teaching Environments Delivered

“The QLCI provided a single product that is under the control of the mechanical contractor while delivering an effective ventilation solution.

-Paul Dvorak PE, LEED AP,
Design Engineer

”

LOW COST INSTALLATION & OPERATION

- NO fans, motors, or compressors to maintain
- NO filters to replace
- NO electrical service required