

# CARSON



## **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.









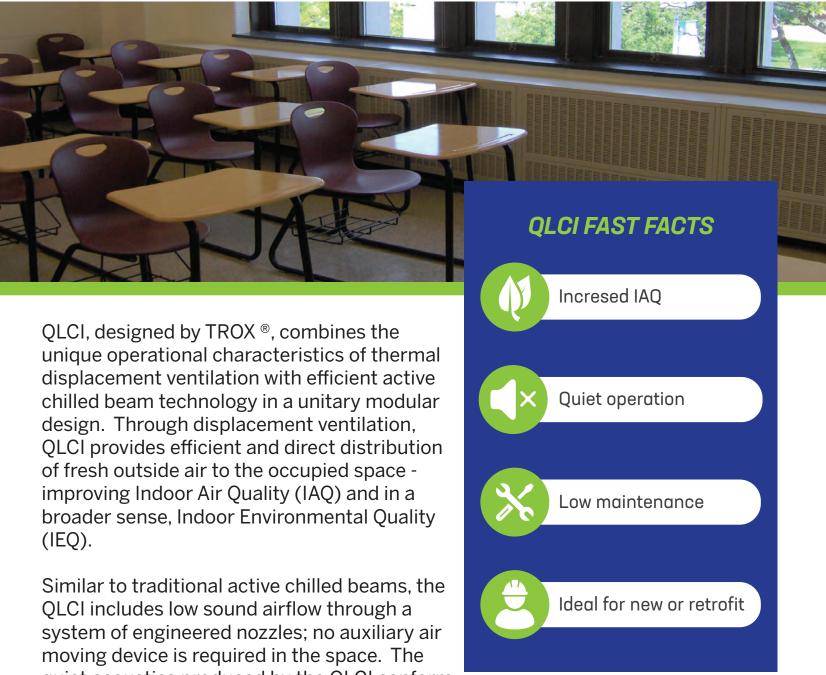
**Customer Focused** 

Quality

Sustainable

Innovative





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.



Displacement Chilled Beams





QLCI, designed by TROX<sup>®</sup>, 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
- Ouiet 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



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Quality





Innovative





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