

# CARSON SOLUTIONS

carsonsolutions.com | 952.525.2050

The QLCI displacement induction ventilation terminal provides a comfortable and healthy learning environment with superior ventilation, improved air quality, and reduced noise with an energy-efficient and esthetically pleasing design.

With the Purdue University independent testing of the QLCI, Carson Solutions is the ONLY displacement induction manufacturer delivering proven year-around displacement ventilation. With over 15 years of experience and over 1 million students positively impacted by the QLCI, it's the perfect solution for your classrooms!

## SUPERIOR FIT & FINISH

Manufactured with American ingenuity, the QLCI is constructed with quality materials that are designed to withstand even the rowdiest classrooms.

We are perfectionists to our core. Partner with Carson Solutions to design the perfect QLCI combination to fit your project.

## COMPREHENSIVE DESIGN

At Carson Solutions, we look at the classroom as a whole and are dedicated to creating a healthy and quiet learning environment.

With no moving pieces or parts in the cabinet housing, the Carson Solutions QLCI is the quietest student in the classroom. The QLCI is designed to deliver room ambient sounds levels below 35 dBA to meet ANSI Standard S12.60

Through the fundamentals of displacement induction ventilation (DIV), the QLCI proactively provides fresh air to classrooms. The Carson Solutions QLCI is the ONLY DIV manufacturer with validated stratified room conditions in both cooling and heating modes lifting contaminants away from students' breathing zones and providing superior thermal comfort compliant with ASHRAE 55 Standards.

Plus, by solely converting classroom wings to DOAS-QLCI, studies have shown up to 25% savings for schools on utility bills compared to traditional AHU-VAV.

## CUSTOM CAPABILITIES

Carson Solutions offers a variety of countertops to match every application and an extensive library of mounted modular storage solutions to meet unique room configurations.

### Need something different? Look no further!

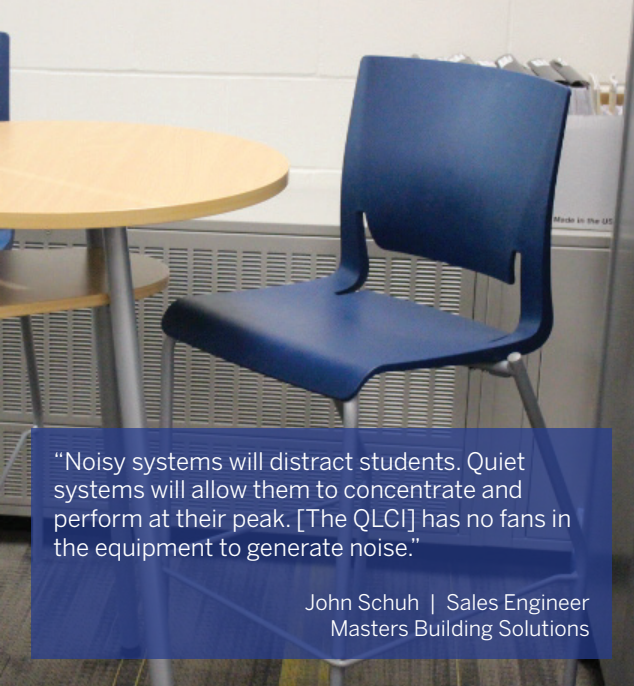
Whether you're looking to further customize the QLCI or a different product entirely, Carson Solutions is proud of our agile manufacturing capabilities.

## LET'S GET STARTED!

Visit [carsonsolutions.com](http://carsonsolutions.com) to learn more and to find your local Carson Solutions Representative.


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"Noisy systems will distract students. Quiet systems will allow them to concentrate and perform at their peak. [The QLCI] has no fans in the equipment to generate noise."

John Schuh | Sales Engineer  
Masters Building Solutions



"With the QLCI ventilation approach we have that opportunity to provide the best indoor air quality to the spaces that improves learning and cognitive ability due to lower CO2 levels and improved IAQ. This system will always be my first option to explore with owners to provide the best indoor environmental quality possible."

Blayne Parkos | Director of Mechanical Engineering  
ATS&R Planners / Architects / Engineers



"The IAQ stuff doesn't often times get talked about and really that's undermining it because it's an essential component to a good learning environment"

Eric E. Anderson | Associate Partner, Architect  
ATS&R Planners / Architects / Engineers