

The Trusted Authority for K-12 Schools

K-12 Schools Benefits:

- Enhances student and faculty performance
- Reduces absenteeism
- Promotes efficient performance of HVAC equipment with less maintenance
- Extends equipment lifecycles

Lumalier is dedicated to providing UVC products that contribute to improving environmental conditions in K-12 schools for the students, teachers, and administrators. The use of UVC improves indoor environments and contributes to enhanced student and teacher productivity and reduced absenteeism. It also promotes efficient performance of HVAC equipment with less maintenance and extends equipment lifecycles.

There are many different areas within a K-12 environment — each with its own unique challenge and solution for the best result in pathogen reduction.

- Cafeterias
- Hallways
- Athletic facilities
- Classrooms
- Administrative buildings
- Nurses offices

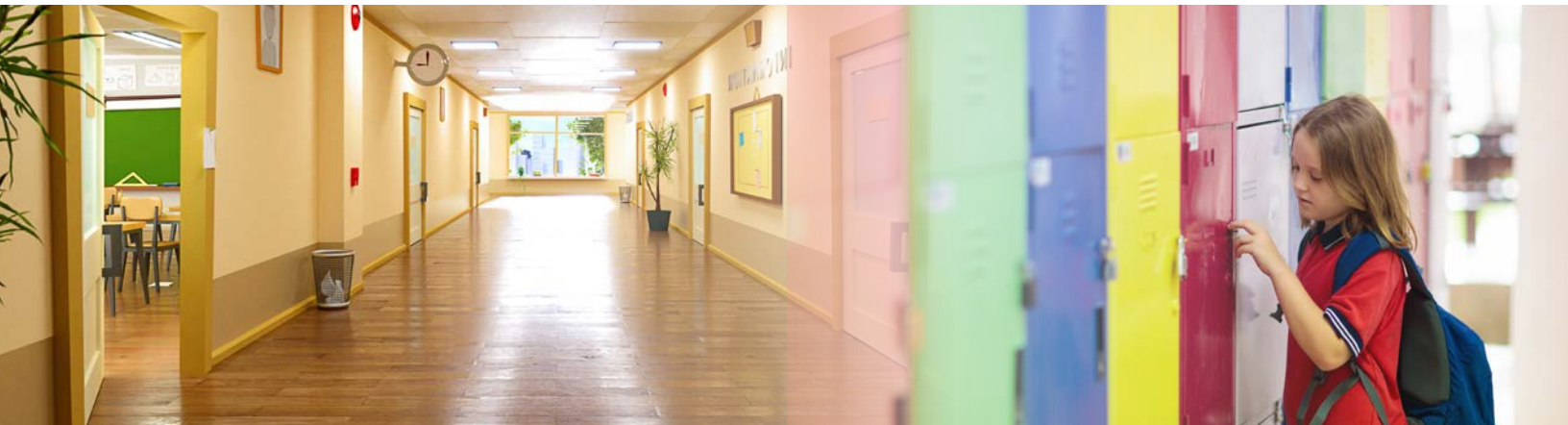
UVC Solutions

Types of disinfection incorporating UVC energy include:

- In-AHU and In-Duct disinfection
- Upper-room/upper-air UVGI
- Surface/room decontamination

Challenges: K-12 Schools

- Poor indoor air quality (IAQ), which impacts student and teacher performance and attendance.
 - Spread of infectious agents.
 - High energy and maintenance costs.
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UVC Disinfection Products for K-12 Schools

UVC for IAQ and Energy Efficiency In AHU and In Duct UV Fixtures

In-AHU and In-Duct UV fixtures, such as the Lumalier AR Series UVC Fixtures, are installed inside ventilation systems to provide high-level, facility-wide disinfection of the airborne infectious pathogens that can cause respiratory sickness, disease, and infection. In-AHU and In-Duct fixtures are scalable to fit any size air handler unit (AHU).

- Achieves the greatest square foot coverage at the lowest cost.
- Uses the existing ventilation system to disinfect and distribute air.
- Eliminates biological growth on coils and in the drain pan that can cause coil fouling, odors, and premature failure of air conditioning equipment.
- Provides facilities with an ROI benefit with reduced energy consumption and maintenance.

UVC for IAQ Upper-Air UV Fixtures

Upper-air UV fixtures are engineered to provide very targeted airborne pathogen reduction in high-risk areas.

- Installation applications include lobbies in administrative buildings, classrooms, hallways, cafeterias, libraries, etc.
- Units are available for high or low ceilings and for any square footage.
- Units can be permanently or temporarily installed for flexible space uses.
- Natural convection-currents create repeated air disinfection within defined spaces. Fan assisted models are available.

UVC for Risk Management Surface Disinfection

Surface disinfection UV fixtures are engineered for high-level disinfection of contaminated surfaces that can spread infection.

- Portable units are ideal for temporary disinfection of floors, desks, and table surfaces after any “student discharge event” (blood, vomit, diarrhea, etc.).
- Ideal for classrooms, cafeterias, or any area where contaminated surfaces can spread sickness.
- Recommended for treatment of difficult-to-disinfect surfaces, such as keyboards, monitors, lab and cafeteria equipment.
- Surface disinfection units are available in both fixed and portable options.

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