

HEALTHY BUILDINGS NURTURE COMFORTABLE LEARNING ENVIRONMENTS



EDUCATION

Measuring and managing indoor air quality can help you maintain more effective learning environments for students and staff.

ALERTON

MAKE IT EASY FOR STUDENTS AND TEACHERS TO FOCUS ON EDUCATION

There is substantial evidence that indoor environmental exposure to allergens plays a role in student comfort. Use your HVAC ventilation to reduce the airborne concentration and transmission of viruses and other airborne pollutants.¹

COMFORT

Does your classroom environment encourage comfort among students and staff? Poor indoor air quality may contribute to a less than optimal learning and teaching space. Use your HVAC ventilation to help support an engaged instructional environment and monitor fresh circulation throughout your school facility.



ENHANCE COMFORT AND FOCUS WITH A MORE RELIABLE BUILDING

Managing your building systems to filter air, and to control temperature, humidity, and pressurization are important ways to maintain comfortable school facilities. We can give you the capabilities you need to integrate and optimize building operations so that your HVAC systems and equipment run more effectively.



Humidity

High humidity levels promote the growth of bacteria and mold and create an environment where dust mites can thrive. Lower humidity creates other concerns like dry, itchy skin, transmission of viruses and the irritation of the upper respiratory system. We can help you maintain optimal humidity - between 40-60% - to reduce the transmission of germs.³



Fresh Air

Improving the quality of indoor air and the amount of fresh air needed for your facility is key to a more comfortable environment. Controlling indoor sources of odors, chemicals, and carbon dioxide also helps provide a better visitor experience.



Advanced Filtration

From controlling bacteria to pollen and pollutants, a reliable filtration system is essential for your building's air quality. We can help you ensure your system is capable of removing and cleaning more airborne particles before they circulate throughout your facility.



Thermal Comfort

Maintain optimal temperatures for comfort and respond to potential issues from anywhere - before you receive complaints - using mobile alerts and control.



24/7 Building Monitoring

Your building management dashboard can be configured to monitor key performance indicators, with alerts to notify you when optimal conditions are not being met.



Safety and Security

Integrate the capabilities you need, such as access control for one site or many, intrusion detection, video surveillance, contact tracing, and more.



According to the EPA, nearly 80 percent of teachers responding to a survey in Chicago and the District of Columbia reported that school facility conditions were an important factor in teaching quality.²

1. <https://www.epa.gov/iaq-schools/why-indoor-air-quality-important-schools>

2. <https://www.epa.gov/iaq-schools/evidence-scientific-literature-about-improved-academic-performance>

3. <https://www.epa.gov/indoor-air-quality-iaq>

FIND OUT HOW ALERTON SOLUTIONS CAN HELP YOUR FACILITY THRIVE



Talk with one of our experts to arrange an executive briefing.
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