



INDOOR AIR QUALITY AND SECURITY CHECKLIST

Technology throughout school buildings can be optimized to comply with evolving industry regulations and guidelines for safe operations. The federal government has approved nearly billions of dollars in relief funds to improve and maintain air quality and safety in K-12 schools.

We can help schools identify which infrastructure improvements may qualify for the available federal funding. School leaders and facility teams should consider the following:

Improve Air Filtration, Detect And Remove Contaminants

Controlling bacteria, pollen, pollutants and other contaminants can be done with proper filtration, and the [Honeywell HEPA Portable Air Purifier](#) is a perfect place to start toward creating a healthier environment for your occupants.

[Electronic air cleaners](#) help remove particles before they circulate throughout your facility. Using Honeywell [UV-C Technology](#) at the HVAC coils can deactivate biological contaminants growing on cooling coils and help mitigate the spread to the school building.

Manage Air Flow

Proper air exchange can dispel odors, chemicals and CO2, while balancing energy use and reducing [disease transmission](#). [Actuators](#) and [economizers](#) can bring in the right amount of fresh air based on environmental conditions to help schools meet building regulations.

Balance Humidity

High humidity levels can 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 irritation of the upper respiratory system. [Humidity sensors](#) can help manage and maintain optimal humidity levels for your school.

Use Thermal Screening To Support New Health Protocols

Reducing potential exposure is critical to continuity in-person learning. [Thermal camera technology](#) can be used to measure surface skin temperature and identify someone who may require further screening. Minimize potential exposure to students, staff and visitors by [pre-screening](#) for elevated skin temperatures at entrances and control access based on specific parameters.

Monitor Compliance

[Wearing a mask](#) and maintaining a safe distance is important, and so is monitoring the [flow of people](#). Integrated security solutions with video surveillance and advanced video analytics can help manage the flow, count of building occupants and identify compliance with regulations like mask wearing and social distancing.

Create A Frictionless Experience

Frictionless access helps reduce contact with frequently touched surfaces. With technologies such as AI, Bluetooth and passive infrared sensors, schools can create an [access control system](#) that is both secure and reduces contact with building surfaces.

Request A Free Indoor Air Quality Assessment

Honeywell can help you bring back students and staff with confidence. Start with a [free assessment](#) to measure the effectiveness of your school's indoor air quality. Our experts can help navigate access to funding to help implement improvements.

[K-12 School Districts Frequently Identified Multiple Building Systems Needing Updates or Replacement](#)

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