

Calling all Virginia Parents, Teachers, and School Officials.

New law affects all Virginia schools starting July 1, 2025 to initiate Indoor Air Quality (IAQ) Inspections and Evaluations.

The goal of this law is to identify problems in school HVAC systems that may impact the health and academic performance of students and the well-being of other school professionals.

The Challenges Your School Faces

Ventilation, filtration, and building pressurization are foundational needs to maintaining IAQ in buildings. All too often, IAQ in school buildings falls behind due to a lack of personnel, inadequate funding, deferred maintenance, outdated equipment, and insufficient HVAC sensing and controls. Without proper monitoring, these issues often go undetected—until symptoms emerge within the school or among students and staff, including persistent odors, fatigue, difficulty concentrating, absenteeism, and increased complaints of asthma or allergies.

Since the inspection and evaluation are to identify deficiencies in schools' HVAC systems and make this information publicly available, support for corrective action should be evident.

This program only requires verification of proper operation every 4 years.

What happens the other 1,459 days?

An HVAC system can malfunction, and an air balance can go out of balance at any time. Therefore, school decision makers should consider investing in sensors that can measure these values, such as ventilation airflow rates, in real time, continuously.

A Smart Investment for Better Air Quality

Airflow measurement devices will alert people to problems when they occur, not in the future. Problems may result in poor (IAQ) and/or wasted energy.

They will also speed up future inspection and evaluation tasks; therefore, this investment will pay for itself.

Further investment could integrate sensors into control systems that can automatically adjust and maintain good IAQ operation.

Ask your HVAC Inspection and Evaluation professionals to provide quotations for the installation of accurate and repeatable airflow measurement devices.

