



# FAQ

## Colorado School Ventilation and HVAC Infrastructure Improvement Program

### What is the Colorado HVAC Infrastructure Improvement Program?

Colorado House Bill HB25-1245 establishes Colorado Revised Statute (C.R.S) 22-32-153 requirements for Ventilation Verification and HVAC Assessment when the "Infrastructure Investment and Jobs Act" cash fund is used. The program uses qualified personnel to evaluate, repair, and upgrade HVAC systems in order to improve indoor air quality (IAQ), ventilation performance, and energy efficiency in school buildings.

### Why is it important?

Ventilation is essential for maintaining healthy learning environments. Proper ventilation removes indoor pollutants, reduces airborne contaminants, and improves comfort for students and teachers. Studies have shown that improved indoor air quality can positively impact student health, attendance, and academic performance.

### How much funding is available?

The HVAC Infrastructure Improvement Grant Fund provides approximately \$168 million to support ventilation assessments, repairs, and upgrades in schools. These funds are available until June 30, 2028 or until fully allocated.

### Why does it matter?

The Colorado Infrastructure 2025 Report Card for Schools was given a grade of D+ from the American Society of Civil Engineers (ASCE). These schools often have aging HVAC systems that require assessment, repair, or replacement.

### Who performs the ventilation assessments?

Ventilation verification must be conducted by qualified professionals, such as certified Testing, Adjusting, and Balancing (TAB) technicians. Certifications may include organizations such as TABB, AABC, or NEBB, or other professionals certified in ventilation assessment.

### What does a ventilation assessment include?

A comprehensive HVAC assessment may include:

- Measuring outdoor air ventilation rates
- Verifying supply, return, and exhaust airflow
- Confirming ventilation rates meet minimum requirements in the International Mechanical Code (IMC)
- Evaluating economizer operation
- Verifying proper operation of demand-control ventilation systems
- Inspecting filtration levels and determining whether MERV-13 or higher filtration can be supported
- Assessing airflow distribution and building pressurization

These measurements help determine whether the HVAC system is delivering adequate ventilation to support healthy indoor environments.

### What happens after the HVAC assessment?

- Certified Contractors make repairs
- Mechanical Engineers review ventilation verification and HVAC assessment, and recommend additional adjustments or upgrades
- Local Education Provider shall maintain a copy of the HVAC verification Report for at least five years and make it available to public upon request

### What role does Installed Airflow Measurement play?

Installed airflow measurement will provide long term monitoring well after the ventilation verification and HVAC assessment, repairs, and upgrades have been completed. Whether this grant is used or not, they should be considered.

Airflow measurement devices help professionals determine whether systems are:

- Delivering sufficient outdoor ventilation air
- Maintaining appropriate building pressure
- Energy saving controls are operating as intended