



ESSER Stimulus for Buildings

Discover how federal funding can help you optimize air quality in your school facilities

What is the ESSER fund?

The Elementary and Secondary School Emergency Relief (ESSER) fund is an economic stimulus package created by the U.S. government as a way to support schools throughout the COVID-19 pandemic.

Approximately \$190 billion worth of federal funding has been made available to Pre-K – 12 public and private schools until September 30, 2023.

Which is why now's the time to make permanent upgrades to your school facilities. Schools like yours can use this funding to modernize HVAC and building systems, thereby improving indoor air quality (IAQ) and energy efficiency for years to come.

Why healthy buildings matter for schools

Investing in indoor air quality (IAQ) delivers measurable impacts in three core areas:

- 3.5 fewer sick days per person
- 15% higher scores on standardized tests
- Higher occupant confidence

How can you improve the health score of your building?

When diagnosing the health of a building, five factors need to be considered:

- Air quality (CO₂ and VOCs)
- Air movement
- Humidity
- Temperature
- Cleanliness

What building upgrades qualify?

Stimulus funding is available for building systems that elevate health and safety. This includes:

- Filtration, ventilation, purification, and other air cleaning systems
- Inspections, testing, maintenance, repairs, and replacement of aging building systems
- Technology for temperature scanning, occupancy counting, and access and security systems
- Outdoor learning infrastructure
- Backup power and other IT infrastructure for online learning
- Other improvements enabling schools to support student health needs and maintain continuity of services

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The power of connected devices

The most efficient way to improve IAQ in school buildings is through smart IoT-enabled devices such as room controllers, sensors, and other hardware that helps:

- Maintain compliance with indoor air quality standards
- Provides air quality data and supports broader IAQ goals
- Tracks trends in air quality over time

Sensors and room units

Not only is better IAQ important for mitigating the spread of infectious diseases, it's also proven to increase productivity and occupant comfort. Our wide range of HVAC sensor requirements and room units include:



- Temperature sensors
- Humidity sensors
- Air quality sensors
- Pressure sensors
- Current sensors
- Flow meters

Valves and valve actuators

Building owners need efficient, reliable and cost-effective ways to control the performance of their buildings. SpaceLogic™ VBB / VBS ball valves and actuators provide the freedom and flexibility to easily optimize and precisely control a wide variety of applications in HVAC building management systems. The SpaceLogic series includes:



- Zone valves and actuators
- Ball valves and actuators
- Globe valves and actuators
- Pressure independent valves and actuators
- Butterfly valves and actuators
- Damper actuators

Room controllers

Old or new, a building needs to adapt to its occupants. EcoStruxure™ connected room solutions modernize your building infrastructure to make expansions and retrofits easier, and improve occupant comfort. EcoStruxure connected room solutions enable the management of:



- HVAC
- Lighting
- Blinds
- Smart workplace services applications

With connected room solutions, you can take a modular approach to your building and adapt room and floor plan configurations easily with a convenient rezoning feature.

Discover building automation and control solutions
to elevate indoor air quality in schools

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