



DUCT SEALING

An ECM for K-12 Schools



HVAC Systems Hold an Untapped Energy Saving Opportunity

ESCOs face an ongoing challenge in reaching goals for colleges and universities. There is a narrow margin of error and ongoing policy changes to follow. Leading ESCOs across the nation are looking beyond standard ECMs like lighting to navigate these challenges. Duct sealing is an ECM giving ESCOs a new level of flexibility in delivering sustainable energy savings for educational facilities.

Duct Leakage Wastes Nearly \$3 Billion in Energy Annually

ASHRAE estimates 75% of buildings have up to 40% air duct leakage. It is why Berkeley National Labs identified duct leakage as the most expensive waste of energy in commercial buildings. Even leaving the lights on and letting the HVAC run when a building is unoccupied wastes less energy.

A Safe & Effective ECM with Guaranteed Results

As you will see below, AeroSeal works with ESCOs across the nation to address airflow and ventilation issues with our comprehensive, four-phase process, duct leakage models, and innovative, duct sealing technology. Our trusted team of experts and network of service providers work as a seamless extension of your project team so you can focus on other project priorities.

AeroSeal's Comprehensive Four Phase Approach to Duct Sealing



PHASE 1

Audit & Evaluate

Data gathering and site inspection for an efficient and effective project plan.



PHASE 2

Test & Plan

Quantifying ductwork leakage and running our energy model to ensure plan success.



PHASE 3

Repair, Clean, Sanitize & Seal

Customizing solutions to reach project goals and meet each building's specific needs.



PHASE 4

Measurement & Verification

Tracking and verifying project work digitally before issuing a certificate of completion.

Project Examples



Avalon Elementary School Fort Washington, MD

- Helped new HVAC system reach performance levels
- Reduced leakage by 90%



Clinton Prairie Schools Frankfort, IN

- Qualified project for energy rebate, earned ROI in 3 years
- Realized \$10,000 in annual energy savings



Gallego Intermediate School Tucson, AZ

- Avoided the expense of replacing ductwork
- Reduced leakage by 85%



Glenwood Junior High Princeton, WV

- Eliminated uneven, uncomfortable temperatures
- Reduced leakage by 60%



LA Unified School District Los Angeles, CA

- Avoided the expense of replacing ductwork
- Reduced leakage by 92%



Licking Heights Elementary School Blacklick, OH

- Qualified for \$27,000 energy rebate
- Realized \$45,000 in annual energy savings

Free Project Audit

Contact us today to get a free project audit from our team of experts and learn how AeroSeal can improve your next Education project.

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