



DUCT SEALING

An ECM for Higher Education



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



Harvard University:
Girguis Labs
Cambridge, MA

- Lowered HVAC fan speed by 60%
- Reduced leakage by 98%



Ohio State University:
William Hall Complex
Columbus, OH

- Received LEED certification with sealed ducts
- Reduced leakage by 96%



Princeton University:
Jadwin Hall
Princeton, NJ

- Reached targeted performance levels for exhaust fans
- Reduced leakage by 98%



Syracuse University:
Student Housing
Syracuse, New York

- Qualified for \$170,000 energy rebate
- Reduced leakage by 83%



University of Miami (Florida):
Cox Science Building
Coral Gables, FL

- Brought 20 lab fume hoods up to code
- Reduced leakage by 80%



West Texas A&M University:
Cornette Library
Canyon, TX

- Saved energy while reducing operating costs
- Realized \$30,000 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.

EMAIL: info@aeroseal.com

CALL: (877) FIX-DUCT

WEB: aeroseal.com/commercial