



The Science of Clean Air™

Sustainable Solutions for Higher Education Facilities

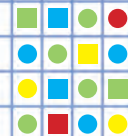
Since 1982 Dynamic Air Quality Solutions has designed, engineered and manufactured high-performance IAQ systems. From ASHRAE Headquarters to the world's most valuable art collection, these systems are installed in critical applications around the world. Headquartered in Princeton, New Jersey, our product range and experience enable us to meet and exceed the needs of our customers, even in the most challenging environments.

For more information, visit www.DynamicAQS.com



Dynamic Air Quality Solutions

PO Box 1258
Princeton, NJ 08542
800.578.7873
www.DynamicAQS.com



We Know Colleges and Universities



Dynamic Engineered Systems Deliver:

- Improved Indoor Air Quality (IAQ)
- Less Energy
- Less Maintenance
- Less Landfill Mass
- Smaller Carbon Footprint
- The Lowest Life Cycle Cost

For over 35 years, Dynamic Air Quality Solutions has provided colleges and universities with innovative solutions that optimize air quality, energy consumption, and sustainability. Dynamic was founded by two university professors and academia represents one of our largest market segments. Institutions around the world rely on Dynamic technology to improve their learning environments, protect their books and artwork, and maintain their lab and hospital environments, all while reducing their carbon footprint and maintenance costs.

IAQ, Energy, and Maintenance

In higher education, Indoor Air Quality (IAQ) is mission critical. Processes, equipment, collections and facilities all require increasingly higher levels of air quality. Further, the most valuable asset in any building – the people, expect that the air they breathe will be free of contaminants. This has led to the use of more robust filtration systems that are able to address particle, biological, and gas phase contaminants. However, since over 90% of the cost of cleaning the air is the cost of the energy to move it through the system, providing cleaner air has generally increased energy, operational, and maintenance costs.

Dynamic has a range of systems that provide effective and cost-effective control of all phases of IAQ, while using up to 2/3 less energy and having a fraction of the maintenance. For specific IAQ issues that are existing or anticipated, Dynamic has the experience and expertise to analyze the problem and integrate technologies into a solution.



The Dynamic V8 Air Cleaning System

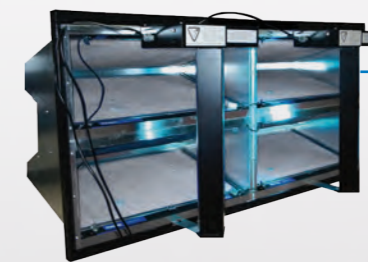
The award-winning Dynamic V8 Air Cleaning System replaces MERV 13-14+ passive filtration systems, while operating at 1/3 the energy and maintenance costs. It sets the standard for air cleaning—outperforming anything on the market in contaminant control and cost of ownership. For example, on a 20,000 cfm air handler, the Dynamic V8 can save up to 30,000 kWh and 40,000 pounds of carbon per year. Further, lower fan horsepower requirements can also impact equipment selection and allow for use of smaller, quieter fans and equipment. Lastly, the Dynamic V8 will hold 10 to 15 times the dust of a typical passive filter to provide a maintenance interval that is measured in years rather than months.

Dynamic is found in:

- Classrooms & Offices
- Museums
- Dormitories
- Rare Book Collections
- Laboratories
- Auditoriums
- Libraries
- Sports Facilities

Dynamic ACM Systems

Dynamic Activated Carbon Matrix (ACM) Systems use state-of-the-art technology to remove gas phase contaminants, corrosive gases, and unwanted odors. Dynamic ACM requires less space, operates with very low pressure drop, and requires no downstream filters, making it a perfect solution for a wide variety of applications where carbon filtration was previously not an option.



Dynamic Sterile Sweep

Sterile Sweep™ Germicidal UVC Systems feature an oscillating germicidal lamp that kills pathogens collected on the Air Cleaner surface area. A parabolic reflector provides additional concentration of UVC light. The Sterile Sweep high output UVC lamp offers the most effective means of controlling airborne pathogens and viruses including Anthrax.



One carton of Dynamic V8 media (left) does the same job as the conventional cartridge filters stacked at right.

