

Case Western Reserve University – Wolstein Research Building

Client Challenge:

Located in Cleveland, OH, the Case Western Reserve University facilities team determined that the Wolstein Building was one of the largest sources of energy consumption on campus. The Wolstein facility utilized energy-conserving variable air volume (VAV) controls, but the air change rates in many of the laboratories were based on previously established standards; thus, were heating and cooling much more outdoor air than needed to maintain comfort and safety in the lab.

Ingenuity IEQ Solution:

Ingenuity IEQ developed a comprehensive proposal and energy savings model for the Wolstein Research Building. Case Western Reserve administrators decided to install OptiNet™ on the 5th floor, totaling 13,093 sq. ft. of the six-story Wolstein building to validate the energy savings, knowing that the OptiNet system is easily scalable and could be expanded to the entire building in the future.

Result:

Initial data the facilities team at Case Western Reserve are receiving indicate that the University will realize the projected cost savings and reduced energy consumption, as well as a demonstrated improvement in air quality. The system is providing continuous real-time data feedback through a password-protected website, making monitoring and tracking easy. Ingenuity IEQ is currently proposing the remaining five floors at the Wolstein Building.



Client:
Case Western Reserve University

Facility Type:
Research

Technologies:
OptiNet™ Facility Monitoring

Location:
Cleveland, OH

Square Feet:
13,093 sq. ft. of 320,000

Number of floors:
One of Six

Completion Date:
Need Copy

Engineer:
Ingenuity IEQ

Installation Company:
Ingenuity IEQ