

The University of Michigan – Life Sciences Institute

Client Challenge:

Located in Ann Arbor, the University of Michigan offers numerous programs under ten general academic disciplines. The Life Sciences Institute is one of the building blocks of the University’s expanding program for life science discovery. This 235,000 sq. ft., six floor biomedical research facility challenged the University to create a safe work environment that used energy efficient airflow solutions that could accommodate revisions and upgrades in the future.

Ingenuity IEQ Solution:

On floors three through six, Ingenuity IEQ installed all of the laboratory and supporting lab spaces with tracking variable air volume (VAV) supply and exhaust air valves and controls. The lowest level of the building hosts the vivarium space, which Ingenuity IEQ supplied the airflow control valves to the entire floor – a truly one of a kind design. Twenty major exhaust fans were also installed on the roof to serve the entire building.

Result:

The Life Sciences Institute opened in the Fall of 2003 with the knowledge that their laboratories work – they’re energy efficient, healthy, safe and offer a comfortable workspace that protects the scientific integrity of the research. Solutions provided by Ingenuity IEQ continue to have a proven track record of over twenty years on the University of Michigan campus, and this project was no different.



Client:
The University of Michigan

Facility type:
Life Sciences

Technologies:
Phoenix Controls;
Strobic Fans

Location:
Ann Arbor, MI

Square Feet:
235,000

Number of floors:
Six

Date occupied:
Fall 2003

Architect:
SmithGroup

Engineer:
SmithGroup (Mechanical)

Construction company:
Barton-Malow (Construction Manager); Ventcon (Mechanical Contractor)