



FlowSafe Stable Vortex Fume Hood Conversion Kit

Borough of Manhattan Community College



Before



After

- 46 upgraded fume hoods
- Safer environment for students
- Improved energy efficiency
- Customized design

Renovating for Safety

The Borough of Manhattan Community College (BMCC) is located in Manhattan, New York, and serves 26,000 students in the heart of the Tribeca neighborhood.

In support of undergraduate research, BMCC established the Undergraduate Research Core Facility on the 6th floor of its main campus, and underwent a major renovation. The facility houses labs for biotechnology, forensics, chemistry, tissue cultures, microscopy, molecular biology, genetics, plant physiology, neuroscience, and more.

Process and Results

Previously, the fume hoods at BMCC had no fume hood controls, so part of the facility's upgrade plan included installing the patented FlowSafe Stable Vortex Fume Hood Conversion Kits to create a safer working environment for students and professors.

The kits were installed by removing the internal working elements of the conventional fume hood, and replacing it with the Stable Vortex component. The original fume hood envelope remained in place. FlowSafe also provided a custom design that matched the previously installed hoods to give a more cohesive finished product.

BMCC also chose Stable Vortex Conversion Kits because of the inherent energy savings the technology provides. FlowSafe hoods are also much quieter than average fume hoods, which makes them an ideal choice for learning labs.

The Stable Vortex Fume Hood Conversion Kit enabled BMCC's facility managers to upgrade the laboratories without having to entirely replace the fume hoods. This not only saved the college money, but also allowed for a flexible installation schedule that accommodated summer science classes and would not interfere with the fall semester.