

# enhanced efficiency stylish containment

The Safeguard Series hood is developed for aesthetics, ergonomics, and energy efficiency. Its smooth front panel and hidden by-pass delivers a modern look. An epoxy-coated stainless steel flush airfoil flips up for easy spill containment cleaning. Our standard chain and sprocket sash mechanism delivers smooth, reliable long-lasting sash operation. The self-lowering sash automatically returns to 18" to protect the user and conserve energy. The 34" high viewing sash provides a clear view of the fume hood interior.



# enhanced efficiency

## Face Velocities

Designed for 60-100 fpm face velocity. Tested to ASHRAE 110 Guidelines.

## Sash Counterbalance System

Chain and sprocket sash delivers the smoothest and most reliable operation available and has an exceptionally long life span.

## Self-lowering Sash System

Sash latch temporarily secures the sash in the full open position for equipment setup. When the latch is freed, the sash automatically returns to the operational position for energy conservation and safety.

## Optional Automatic Sash Closing System

Electronic occupancy sensor system closes the sash automatically when not in use, or within a timed interval when operator moves away from the hood.

## Full Viewing Sash

Provides a clear and unobstructed side to side view of fume hood interior, with a 34" high viewing area.

## Low Profile Hinged Airfoil

Flush with the work surface to provide easy access to the hood interior. Spill trough is designed to provide secondary containment in the event a spill escapes the primary containment worktop. Air foil is hinged for easy cleaning.

## Chemical Resistant Liner

Standard fiberglass reinforced polyester liner has excellent strength and chemical resistance; additional liner materials are also available.

## Electrical Services

Two UL approved duplex receptacles are provided for 120 volt service. UL approved fluorescent light fixture mounted outside the fume chamber provides increased safety, longer life and easy maintenance. This fume hood is UL 1805 Classified.

## Duct Collar

Bell shaped Type 316 stainless steel collar easily and directly interfaces with the building ventilation system.

## Plumbing Services

Front post is pre-punched to accept four plumbing fixtures per side. Factory pre-plumbing of front-loaded remote fixtures is an available option.

## Hood Options

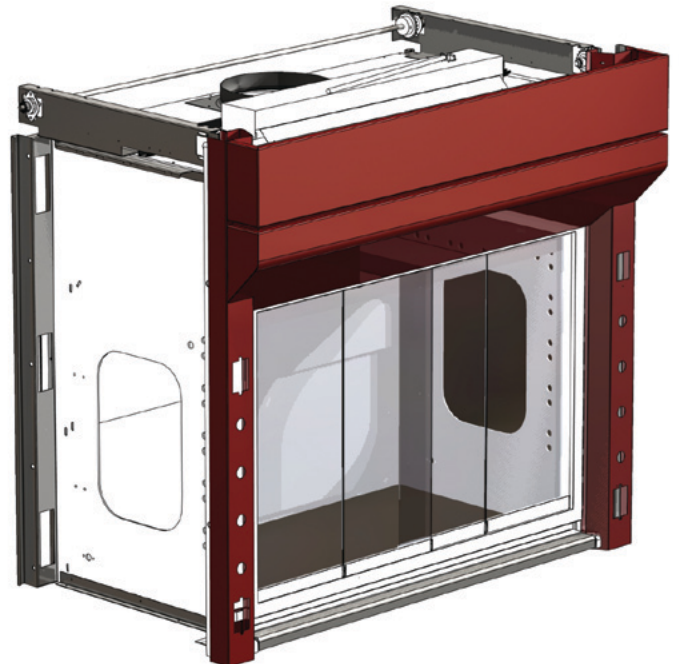
- Automatic Sash Closing System
- Stainless Steel Construction
- Sash Configurations
- VAV or CAV
- ADA Setup



Chain and sprocket sash



Low profile hinged airfoil



Safeguard™ is trademarked and produced by Mott Manufacturing  
\*Shown with combination sash