

FUME HOODS



BENEFITS

- Ergonomic design improves productivity
- Increased visibility maximizes user safety
- Low flow design reduces energy costs
- Durable construction designed for harsh lab environments

Hamilton Concept Fume Hood

Innovative fume hood safety, performance and styling

Hamilton Concept fume hoods have a low flow design, capable of proper containment at lower (60 FPM) face velocities. Concept is available in bench and floor-mounted models with optional sash configurations.





Downdraft Bypass

Provides lower resistance for quieter operation.

AutoSash Passive Positioning System

The sash locks in the setup position and automatically returns to the maximum operational height when the lock is released.

Optional Combination Sash

Narrow frame profile with radiused bottom provides maximum interior visibility and minimum turbulence.



35" High Sightline

Optimum visibility of the fume hood interior.



Full-Frame Construction

All panels are attached to full-perimeter steel frame members for long term strength and durability.

Chain & Sprocket Sash Support

The counterbalance system features a chain and sprocket sash support system with alignment shaft and sash leveling system.

Low Profile Airfoil

Ergonomically designed to provide obstruction free access to the hood interior.

Secondary Trough

Additional safeguard for the containment of spills not secured by a dished work surface.



Fixed Baffle System

Factory tuned for optimal air flow, the baffle system does not require adjustments.



FEATURES

Chemical Resistant Finish

Available in 18 standard colors.

Exhaust Collar

Provides more vertical space, reduces noise levels and conserves energy by maintaining lower static pressure.

Compliance

The Concept fume hood is compliant with ASHRAE 110, UL 1805 and SEFA 1.2.

Lighting

Located on the fume hood exterior, safely away from fumes and vapors.

Liner Material

Polyresin has low flame spread ratings, is resistant to high temperatures and meets NFPA 45 standards.

Service Fixture Options

Choose from remote control and front loaded fixtures all with acid-resistant finishes. Interior fixtures are color coded for added safety.

Airflow Monitor/Alarm

Optional electronic safety device monitors face velocity, triggering an alarm if a dangerous level is reached.