Thermo Scientific
Hamilton SafeAire II Fume Hood

A sound investment in performance and value

The Hamilton SafeAire® II has been designed and tested to incorporate the latest in technology, performance and ergonomic features. The ergonomic flush sill provides user comfort, and the secondary trough increases safety. Hamilton SafeAire II fume hoods are available in either bench or floor-mounted designs of widths 36- to 96-inches and depths 31- to 43-inches.

Access Panel
The panel's pliable PVC gasket eliminates contaminant seepage into sidewall.

Airflow Monitor/Alarm
The optional electronic safety device activates an alarm if face velocity reaches a predetermined set point.

Baffle Control
The optional two-position remote control adjusts baffle position based on the type of fumes generated in the fume hood.

Chemical-Resistant Finish
Independently tested 1.0–1.5 mil thick urethane powdercoat finish has excellent chemical and abrasion resistance. Thermo Scientific Hamilton finishes are SEFA 8 and U.S. Green Building Council LEED® compliant and are available in 18 standard colors.

Exhaust Collar
The unique design provides more vertical space, reduces noise levels and conserves energy by maintaining lower static pressure.

Fluorescent Lighting
Safely located on the exterior, lighting is away from fumes and vapors.

Increased Vertical Space
The exhaust collar and baffle angle designs create additional space and are perfect for taller apparatus.

Liner Materials
A choice of four non-metallic liners is available. All have low flame spread ratings, are resistant to high temperatures and meet NFPA 45 standards.

Louvered Bypass
The bypass minimizes the increase in face velocity as the sash is lowered.

Low Profile Airfoil
The ergonomical design provides obstruction-free access to the fume hood interior. The pivoting airfoil allows the operator to use a hospital grade 20 amp cord without obstructing the work area.

Perimeter Baffle Slots
Side slots increase fume containment and eliminate dead spaces where fumes can accumulate.

Secondary Trough
An additional safeguard for the containment of spills not retained by a dished work surface.

Service Fixture Options
A choice of remote control and front loaded fixtures are available, all with acid-resistant finishes. The fixtures are color coded for added safety.

Sash Safety
The unframed sash is specifically designed for exceptional impact resistance. The 18" sash lock/release defines the operating position.

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

Sash Counterbalance Safety
Featuring a single weight-and-cable system, in the event of a cable break the weight of the sash is retained.

1805

The industry's first UL 1805 compliant fume hood product line.

UL 1805 is a standard that defines requirements specific to laboratory fume hoods. The standard covers construction, materials, flammability and containment performance.

The Thermo Fisher Scientific test facility is certified to test fume hoods for UL 1805 compliance.

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