Hamilton SafeAire II Fume Hood

Customer Benefits

- Exceptional safety – the most important element of a fume hood – is increased with a secondary trough in case of spills

- User comfort is provided by an ergonomic flush sill

- The extended 35" viewing height allows comfortable working access to the hood

- Energy efficiency results in cost savings

Product Features

- Two style choices: bench or floor-mounted models

- Broad selection of sizes
  - ✓ Widths: 36", 48", 60", 72" and 96"
  - ✓ Depths: 31", 36" (all widths) and 37", 43" (over 36" width only)

- Durable powdercoat finish in 18 standard colors

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Louvered Bypass
Louvers provide an additional source of exhaust air when the sash is lowered, helping to maintain consistent face velocities.
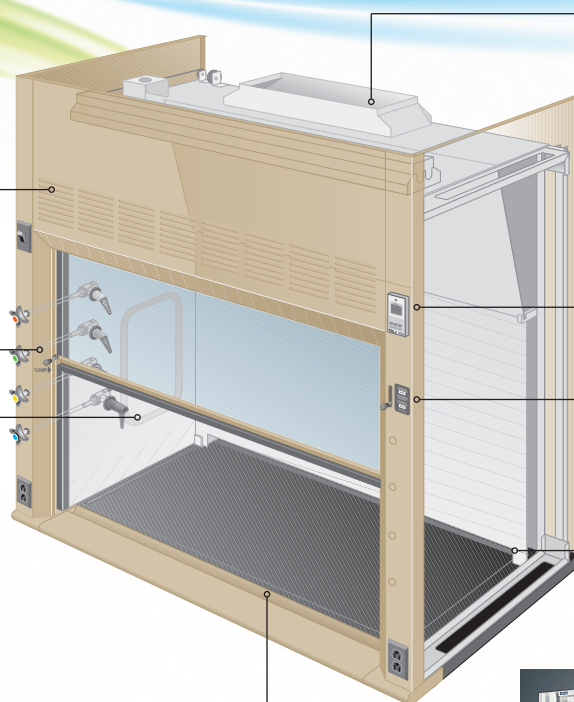
Sash Safety Features
The unframed sash design has greater impact resistance.
The 18" sash lock/release defines the operating position.

Gasketed Access Panel
Soft PVC gasket on the interior access panel eliminates containment from seeping into sidewall.

Unique Exhaust Collar Design
A contoured rectangular exhaust collar provides more vertical space, reduces noise levels and conserves energy by maintaining lower static pressure.

Safety Monitor (Recommended)
The optional electronic safety monitor activates an alarm if face velocity reaches a predetermined set point.

Remote Baffle Control
The optional two-position remote baffle control can be used to adjust baffle position according to the types of fumes generated in the fume hood.

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

Secondary Trough
The secondary trough provides an additional safeguard for the containment of spills not secured by a dished work surface.

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

Additional Features

Exterior Fluorescent Lighting	Located safely away from harmful fumes and vapors, the fluorescent lighting system provides excellent task lighting.
Service Fixture Options	Remote control fixtures are color-coded for safety and feature acid-resistant finishes.
Low Profile Air Foil	The ergonomically designed airfoil provides obstruction-free access to the fume hood interior. The pivoting airfoil allows the operator to use a hospital grade 20 amp plug cord without obstructing the work area.
Increased Vertical Space	The exhaust collar and baffle angle designs create additional space and are perfect for taller apparatus.
Metal-Free Interior	Non-metallic liners are resistant to high temperatures and meet all NFPA 45 standards. Interiors do not have metal brackets, angles or screw heads (that are susceptible to rust and corrosions)
Chemical-resistant Finish	Independently tested 1.0-1.5 mil thick urethane powdercoat finish has excellent chemical and abrasion resistance. Hamilton fume hood finishes are SEFA 8 and U.S. Green Building Council LEED compliant in 18 standard colors.
Liner Materials	Options include polyresin, stainless steel and PVC – all of which have low flame spread ratings and meet NFPA standards.

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