

# SafeGuard™ Fumehood

The SafeGuard™ fume hood was developed to meet the challenging safety, energy conservation, and operational requirements of today's laboratory. Designed for 60-100 feet per minute face velocities this hood is available in various sizes and sash configurations all with enhanced features.



**Exhaust System** - Suitable for use in either Constant Volume (CAV) or Variable Volume (VAV) applications. Restricted By-Pass Plate option S2 is required for VAV requirements.

**Downflow Upper By-Pass** - In CAV configurations, air flows through the downwardly directed by-pass preventing contaminated air build up behind the closed sash.

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

**Self-Lowering Sash System** - Sash latch temporarily secures the sash in the full open position for setup and teardown operations. When the lock is freed, the sash automatically returns to the 18" open operational position which offers extra protection to the operator and helps reduce energy consumption. Below 18" the sash is equally balanced.

**Electrical and Plumbing** - Two UL/CSA approved duplex receptacles provided for 120 volt service. UL/CSA approved fluorescent light fixture and switch provided. Front post is pre-punched to accept

four fixtures per side. Factory pre-plumbing is an available option.

**Chemical Resistant Liner** - Standard fiberglass reinforced polyester (FRP) liner has excellent strength and chemical resistance. Additional liner materials are also available.

**Removable Panels** - Front and side panels are easily removed to access interior electrical or plumbing fixtures. Interior gasketed panels are also removable.

**Extensive Product Offering** - Offered with vertical rising or combination sash, in various widths and depths.

**Approvals & ASHRAE** - UL 1805 Classified. Meets all ASHRAE 110-95 Standards; test results available upon request.



**Fixed Baffle System** - The baffle system needs no adjustment and improves airflow through the fume hood.



**Flush Sill Airfoil** - Low-profile hinged airfoil is flush with work surface to provide ergonomic and unobstructed access to the interior. Power cords can be run through the sill to the electrical outlets on the hood posts.



**Spill Trough** - Designed to provide secondary containment in the event a spill escapes the primary containment worktop.



**Chain Drive Sash** - Chain and sprocket mechanism that delivers the easiest and most reliable sash operation available with an exceptionally long life span.



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