



INNOVATE. ACCELERATE. ASCEND.



FUME HOOD

A fume hood is a laboratory ventilation device designed to protect users by safely removing harmful fumes, vapours, and gases. It draws air from the workspace, captures contaminants, and exhausts them outside ensuring a safe, clean, and visible working environment through its transparent sliding sash.

Variable Motor Flow

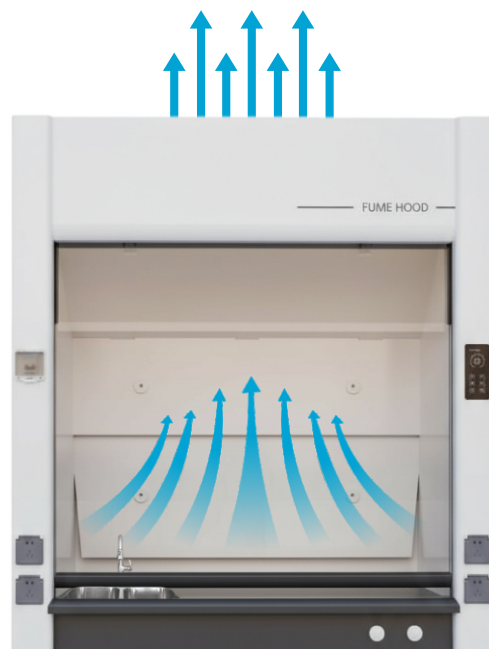
The fume hood is equipped with an adjustable flow controller, allowing the user to fine-tune airflow levels as needed. This flexibility ensures a controlled working environment, optimized energy usage, and enhanced operational comfort without compromising safety.

Unobstructed Visibility

High-quality transparent panels with a frameless design provide excellent visibility of the workspace, enabling precise observation of laboratory processes.

Baffle Design

The precision-engineered baffle enhances exhaust efficiency by minimizing turbulence and maintaining smooth, consistent airflow, ensuring effective removal of fumes from the workspace.



Ease of Operation

The intuitive control panel allows users to easily adjust airflow, lighting and power for convenient operation.

Optimized Acoustics Design

Engineered for low-noise performance, the fume hood ensures minimal sound disturbance in the laboratory. Its carefully designed airflow system delivers efficient and quiet operation.

Work Table Material

The work table is made of high-quality phenolic resin, offering exceptional chemical resistance and durability. The smooth, non-porous surface ensures easy cleaning and long-lasting performance.



Sash Movement

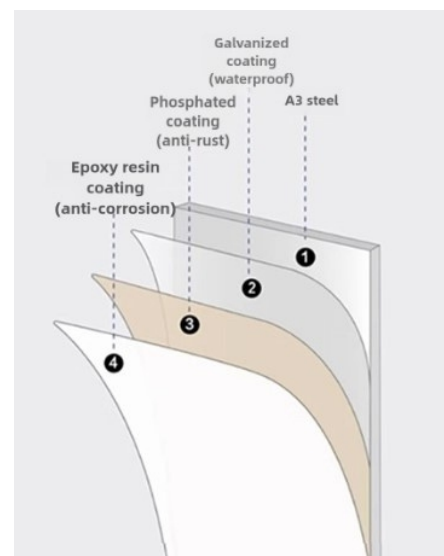
The sash features a finely balanced counterweight mechanism for smooth, controlled movement, allowing precise adjustment of the opening height.

Superior Safety

Designed for maximum safety, the fume hood protects users from exposure to hazardous fumes and substances with stable, adjustable airflow and reliable exhaust performance.

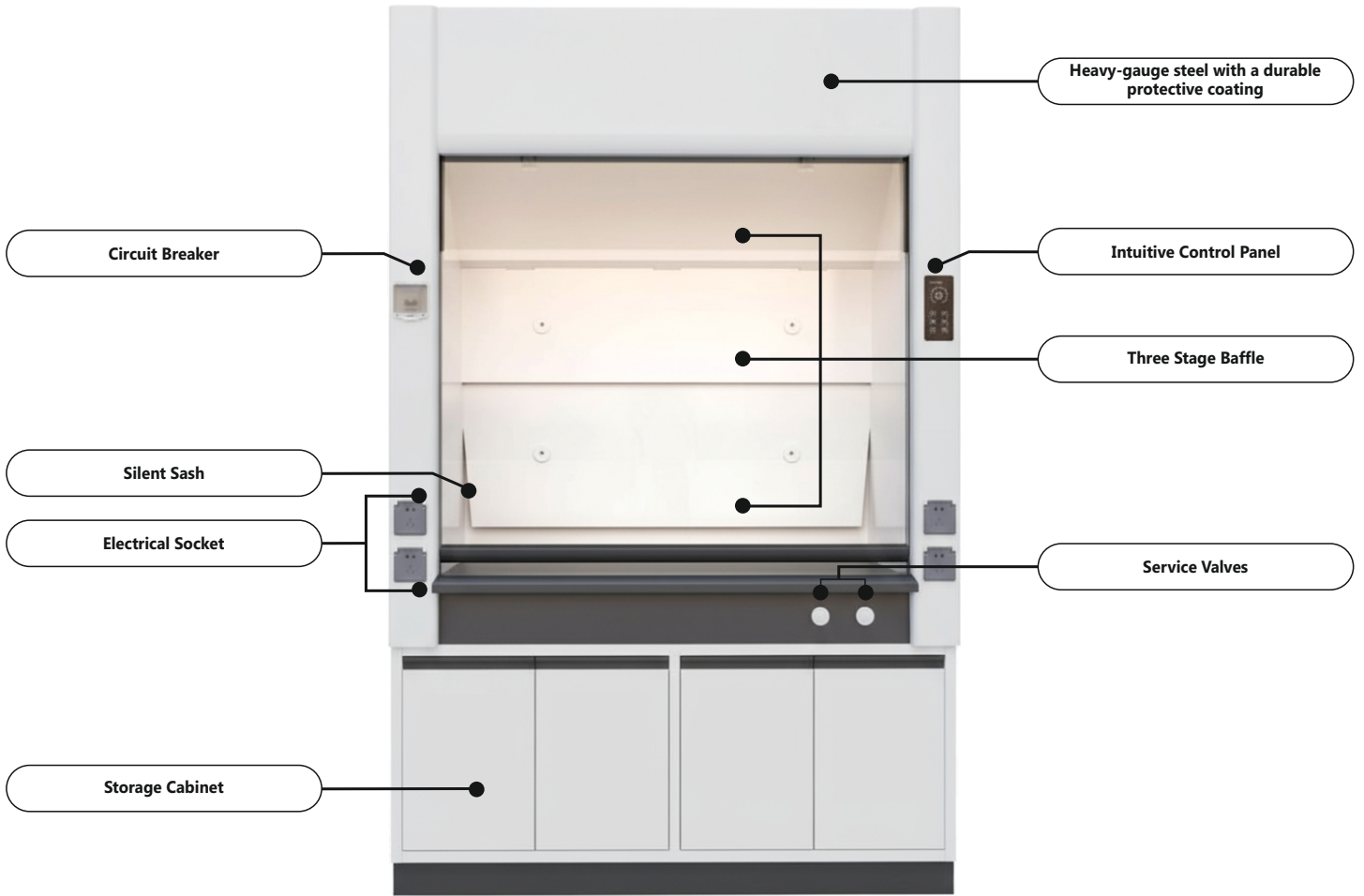
Material of Construction

Built for long term reliability in a demanding laboratory environment, with available finishing in Galvanized, Phosphate and Epoxy resin coating. Alternatively we have Stainless Steel and Polypropylene.



We offer extensive customization options—including worktable materials, construction finishes, dimensions, electrical fittings, and service valves to match your specific laboratory requirements.

STEEL FUME HOOD



Model No	1200	1500	1800
External Size (W*D*H)	1200*850*2350	1500*850*2350	1800*850*2350
Internal Size (W*D*H)	950*668*1180	1250*668*1180	1550*668*1180
Material of Construction (MOC)	1.0 – 1.2 mm thick cold rolled steel plate		
Window	Embedded 5 mm Tempered Glass		
Window Opening Height (mm)	800		
Countertop Material	Solid Core Physiochemical board (12.7 mm thick) acid and alkali resistance, impact resistance, corrosion resistance, formaldehyde reaches E1 level standard or choose from options available		
Baffle Material	5 mm thick solid core resistant sheet		
LCD Panel Function	Can be set fast and slow free adjustment 8 keys power/setup/OK/lighting/standby/fan/damper and +/- keys		
Electrical Outlet	4 Sockets - 10A 220V		
Exhaust Outlet Dia (mm)	250		
Size Customization	As per requirement		
Cabinet	General storage cabinet is provided as standard		

CUSTOMISABLE ACCESSORIES

Service Valve

Brass
Stainless Steel

Airflow Monitor

Digital
Analog

Lighting Options

UV Lighting

Material of Construction

Stainless Steel
Polypropylene

Electrical Sockets

Quantity (as per requirement)

Sash Movement

Automatic / Motorized Sash

Countertop Materials

Stainless Steel
Granite
Epoxy Resin

Sink Options

Polypropylene
Stainless Steel

POLYPROPYLENE FUME HOOD



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