SAFEHOOD

Ductless Fume Hood

Your safety is our commitment

LABORATORY EXCELLENCE, MADE IN ITALY

Personal and environmental protection from toxic chemicals

SAFEHOOD fume cupboards require no external ducting or complex infrastructure. They are the simplest and fastest way to ensure personal and environmental safety when handling volatile and hazardous substances.

Reliable protection

- **Consistent containment**: Microprocessor-controlled airflow maintains a constant front barrier velocity of 0.5 m/s, regardless of sash height.

- **Real-time safety monitoring**: LED display with continuous feedback on airflow, sash position, and filter saturation.

- **Immediate alerts**: Visual and acoustic alarms signal unsafe conditions, including low airflow, high sash opening, or expired filters.

- **Dual-stage filtration**: Optional secondary carbon safety filters offer added protection against breakthrough contamination.

Comfort & ergonomic design

- **Sliding front sash and glass side panels** offer excellent visibility and effortless access to the work area.

- **Low-noise induction motor** ensures a quiet working environment, ideal for long procedures and shared lab spaces.

- **Customisable work surface**s in stainless steel, ceramic, or polypropylene, designed for operator comfort and easy cleaning.

Built to meet major international safety standards:

BS7258, BS7989, Afnor NFX15211, COSHH, and Etraf type 1 and 2

Efficiency & Performance

- High-capacity activated carbon filters (up to 12 kg each) with optimised granularity for **maximum chemical adsorption and extended lifespan**.

- **Aerodynamically designed front sash** minimises turbulence and enhances containment, even during intensive work.

- **Smart standby mode** reduces airflow and energy use when idle, helping cut operational costs without compromising safety.

- **No ducting required**: drastically lowers installation time and cost while preserving lab HVAC balance and energy efficiency.

The modern solution for chemical handling in laboratories

PRODUCT SPECIFICATIONS

	SAFEHOOD 75	SAFEHOOD 120	SAFEHOOD 165
Supply voltage (V~)	230 V – 50Hz		
Power consumption (W) [light and fan]	420	800	1170
Work chamber dimensions (W x D x H) mm	670 x 550 x 600	1120 x 550 x 600	1570x550x600
External dimensions W x D x H (mm)	750 x 720 x 1200	1200 x 720 x 1200	1650x720x1200
Weight (kg) [filters excluded]	95	130	180
Main body	Epoxy painted cold rolled steel		
Lighting (Lux)	>800		
LED lighting	Included		
Average front front barrier speed m/s	> 0.4 (set point 0.50 m/s)		
Noise level (dB(A))	<60		

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TECNILABO

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