

*Safe
Efficient
User friendly
Comfortable*



Features:

The new generation of ductless fume hoods for personal and environmental protection.

Main Features:

- Maximum energy saving on laboratory air conditioning
- Smooth operating sliding sash glass window offers easy access to the work area.
- Extra large activated carbon filters with optimised granularity for the highest chemical specificity
- Microprocessor controlled airflow
- Large choice of specific application activated carbon filters

Features:

SAFEHOOD is the new fume cupboard with activated carbon filters for the removal of a variety of toxic fumes, gases or vapours from the exhausted air.

Working with volatile toxic substances is not a problem when using a Safehood ductless work station. No cumbersome installation needed and minimum space requirements makes Safehood the easiest way to solve your safety problems when handling toxic chemicals.

The quality and extensive range of Bioair activated carbon filters will help you to find the right solution for all your safety requirements. The high quality of the components and the accurate design ensures years of trouble free operation.

Safehood main applications are for the protection of operator and environment when:

- Handling chemical substances in the laboratory.
- Sample preparation for anathomo-pathology.
- Rigid or flexible endoscopes decontamination.
- Handling of adhesives and solvents.
- Handling of airborne powders and chemical aerosols.

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This Plug&Work ready to use ductless fume cupboard provides the maximum level of operator and environmental protection from chemical contaminants, Without exhaust ducting. Safehood provides:

- Maximum energy saving on laboratory air conditioning (no heated or cooled air will require venting from you lab)
- No influence on the balancing and control of the air pressure levels of your laboratory.
- Expensive ductworks in not required.
- The high quality activated carbon filters provide both maximum efficiency to the specific contaminants, with the longest life span.



Main Advantages:

Comfortable

- Smooth operating sliding sash glass window offers easy access to the work area.
- The glass side walls offer excellent visibility and ease of cleaning.
- Choice of polypropylene, ceramic or Stainless Steel work surface with liquid containment.
- Integral fluorescent lighting.
- Extremely low noise level induction fan.

Safe

- Highest containment factor provided by the most sophisticated microprocessor controlled air speed regulation that maintains barrier average velocity of 0,5 M/sec, which is independent from the sliding sash.
- Visual and acoustic alarm for low barrier speed window position.
- All electrical components are isolated from the air flow.
- Optional dual exhaust safety filter (4Kg).
- Safety slot(s) on the front panel for visual filter(s) identification (in according with European safety regulation).

Efficient

- Extra large activated carbon filters with optimised granularity for the highest chemical specificity and efficiency.
- Maximum weight (12kg), maximum residence time. (110mm height).
- Large choice of specific application filters.
- Front window aerodynamically designed to ensure minimum turbulence whilst providing maximum containment
- Reduced speed function for standby application

User-Friendly

- Ready to use: Just place the cabinet on a bench or on the optional support stand and plug into a standard domestic mains socket .No need for calibration or expensive ductworks.
- Prefilters provided as standard, easily removable from inside of the cabinet providing the highest operator safety.



LED Display with continuous indication of:

- Face air velocity with containment alarm.
- Filter condition with saturation alarm.
- Sliding sash position alarm.



Simple and fast carbon filter removal procedure (1 step)

- Remove filter clamping mechanism.
- Slide out filter along the dedicated side bars.
- Extract filter from cabinet.



Simple and fast carbon filter removal procedure (2 step)

- The filter is then held vertically by the retention bars, in a safe position for the operator.
- The filter can be then inserted in the waste bag, provided with any new filter, without any contact with the operator.

Specifications:

	safehood 75	safehood 120
Airflow Data		
Treated air volume	300 m³/h	550 m³/h
Average front barrier speed	>0,4 m/sec (set point 0,50 m/s)	
Electrical Data		
Power	420 W	80 W
Lighting	>800 Lux	
Control Panel	Soft-touch control panel with fan on-off switch alarm mute, separate main switch	
Functions and alarms		
Continuous front barrier average speed display; display in mt/sec or fmp; alarm LEDs for fan(s),air flow, front window position, filter efficiency.		
Filters		
Induction Fan(s)	1 (375 W)	2 (375 W)
Main filter 12 kg	1	2
Exhaust safety filter 4kg	1	2
Prefilters	1	2
Construction		
Main body Epoxy painted cold rolled steel Lateral windows Safety glass		

Working surface (optional)		
Sizes SS AISI 304 or Polypropylene or Ceramic (not included)		
Overall Dimensions (WxDxH)	750 x 720 x 1200 mm	1200 x 720 x 1200 mm
Working chamber (WxDxH)	670 x 550 x 600 mm	1120 x 550 x 600 mm
Weight (Filters excluded)	95 kg	130 kg

Order Informations		
Safehood	FS2050N	FS1050N
support stand	AS44000	AS43000
PP work surface	AZ90001	AZ90101
SS work surface	AZ90000	AZ90100
Ceramic work Surface	AZ90003	AZ90103



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