

## S@FEHOOD™ S

# Molecular filtration Ductless Fume cupboard

Chemical protection everywhere you need

### Technical Specifications

- **Operator protection from toxic gases, vapours and fumes through molecular adsorption.**
- **Inward cross-flow for total control of heavy and light contaminants.**
- **360 degrees visibility.**
- **Flexibility and mobility.**
- **Ideal for school.**

**Applications: Schools, Chemical laboratories, Glues preparation, Microweldings, Anatomico-pathology**

Safehood S fume cupboard is a mobile cabinet, easily transportable within the laboratory, or from classroom to classroom thanks to its low weight and wheeled stand (optional).

A large, 15 kg BioAir size B activated carbon filter can be installed on Safehood S.

It can be chosen from our large range of 12 different types of filters listed herebelow and must be ordered together with the cabinet.

An inward barrier with face velocity  $>0,5$  m/sec through the front opening ensures extremely high protection against volatile toxic substances manipulated inside the work chamber.

The contaminated air is then pulled through the back slots of the work surface and filtered through a Filtrete<sup>®</sup> prefilter and finally through the activated carbon filter located underneath the work surface; finally, free of any chemical contaminant, the air is again exhausted in the laboratory.

It is advisable to change the activated carbon filter on a regular basis, i.e. every six months.

#### Main specifications

- On/off switch with thermal cut-out
- Elapsed time meter
- Control panel: soft-touch membrane
- Alarm
- Completely transparent acrylic cupboard ideal for school application
- Stainless steel spillage tray with 1.5 liter capacity
- Anticorrosion epoxy coating
- Two levels opening front window.
- 12 different types of filters



## TECHNICAL FEATURES

Work chamber dimensions (wxdxh):	800 x 480 x 690 mm
Overall dimensions (wxdxh)	820 x 860 x 935 mm
Weight	51 Kg
Power supply	220/240V - 50Hz
Power	195 W
Barrier av. speed	0,5 m/sec
Air flow	250 m3/h
Noise level	< 56 d B/(A)
<b>How to order</b>	
Code	Item
FP 30000	Safeguard S (Carbon filter excluded)
<b>Stands and fluorescent lamp kit</b>	
AS 40000	Wheeled stand with brakes
AZ 70000	Fluorescent lamp kit
AZ 70100	Stainless Steel Closure Panel for Safeguard S
<b>Activated Carbon Filters</b>	
CP 21000	B-100 General Purpose Filter-organic solvents
CP 22000	B-200 Formaldehyde
CP 23000	B-300 Ammonia
CP 23500	CP-350 Alcalin odours
CP 24000	B-400 Inorganic acids
CP 24200	B-420 H <sub>2</sub> S, Mercaptans
CP 24500	B-450 Acid odours
CP 20000	B-500 Multilayers



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