Airone C700 Filtration Fume Cabinet

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MADE IN BRITAIN®

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Airone C700

Bench Mounted Filtration Fume Cabinet

The **Airone C700** Filtration Fume Cabinet has been designed to comply to BS EN 17242 for Filtration Fume Cabinets. It provides complete protection for the operator against hazardous substances, whilst being environmentally friendly and energy efficient.

The unit features an easy-to-use control system with a low air flow alarm. A hinged acrylic panel provides excellent visibility and good access.

The unit is lightweight and can be mobile, freestanding, or benchtop mounted.

Benefits

- Fits on standard bench
- Easy to install
- No ducting required
- Integral lighting
- Low airflow alarm
- Hinged acrylic front panel
- Lightweight and compact
- Cable ports on both sides
- Rear and top baffles

Options

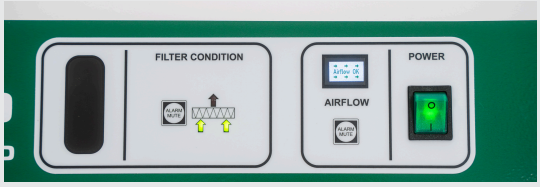
- Epoxy coated steel trolley
- Epoxy coated steel stand
- Filter saturation alarm

▲ Large Internal Work Height

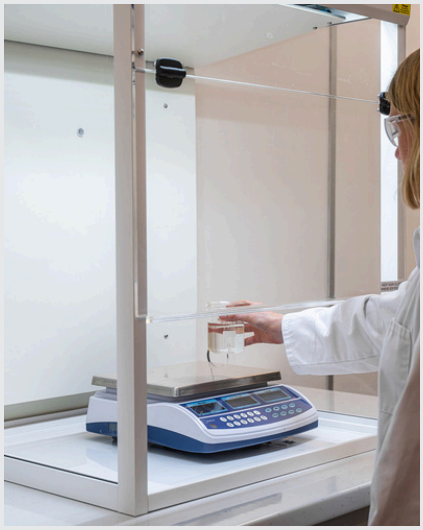
COSHH Regulation Nine stipulates that this type of equipment should be tested and calibrated at intervals of no greater than 14 months to ensure continued safe operation.

So that compliance with this mandatory requirement is achieved Safelab can provide full testing and routine servicing of fume cupboards which is the key to sustained safety, reliability, and economy.

◀ Cable Ports on Both Sides



◀ Low Airflow Alarm with or without a Filter Saturation Alarm



Technical Information

Airone C700 Bench Mounted Filtration Fume Cabinet

Control System

- Mains On/Off - controls fan & light
- Low airflow alarm
- Optional: Filter saturation alarm

Construction

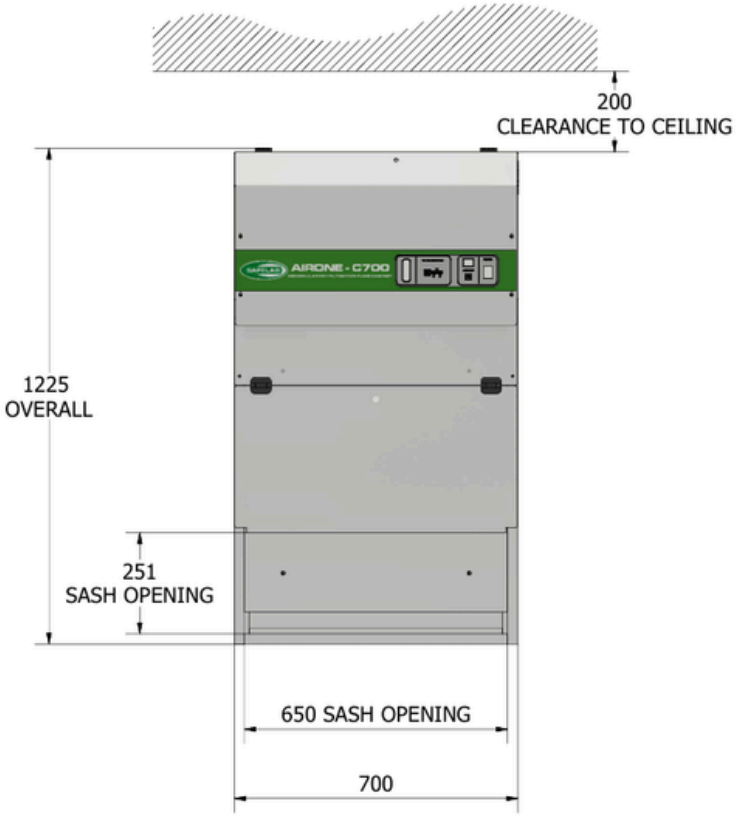
- Epoxy painted steel & aluminium extrusion
- Hinged front panel in clear acrylic
- Side panels in clear acrylic
- Back panel in white compact laminate
- Spillage tray in white polypropylene
- Side cable ports

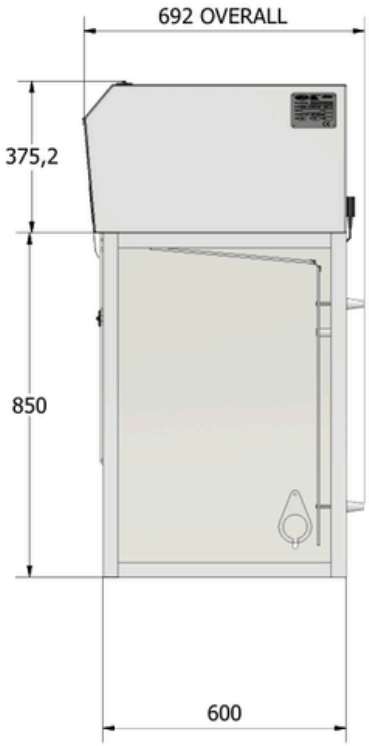
Specification

Average Inflow Working	0.5 m/s
Aperture	250mm high
Max Sash Aperture (for access and loading only)	600mm high
Voltage	230V 50Hz 1ph
Unit Weight	62kg

Filter Specification

Filter Weight	15kg
Main filter type	Size B filter (carbon, HEPA or combined)
Pre-Filter	Filtrete

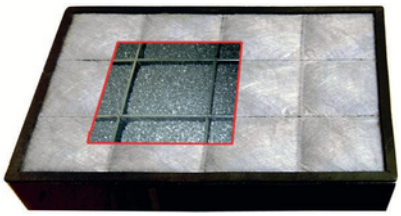




Carbon Filters

for Filtration Fume Cabinets

At **Safelab**, we design, manufacture, and supply an extensive range of high-performance **carbon and HEPA filters** for recirculating fume cabinets, servicing not only our own systems but also a wide range of products from other leading manufacturers. Each filter is designed for specific chemical groups, ensuring targeted protection, and optimal performance.



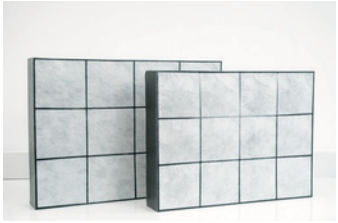
Tailored Filtration – Built Around Your Needs

Every laboratory is different, that's why our experienced in-house chemist works closely with customers to evaluate their requirements and specify the most suitable filter:

- Clients provide us with a list of chemicals they use
- Our technical team identifies the most suitable carbon filter type
- We manufacture and supply a filter matched to those needs

This tailored approach ensures your fume cabinet delivers optimum containment, efficiency, and peace of mind.

Trusted Safety and Support



All filters are manufactured to rigorous quality standards and supported by Safelab's technical expertise and comprehensive service. From selection and installation to ongoing maintenance and replacement schedules, we ensure your laboratory continues to operate safely, compliantly, and sustainably.

Our filters are trusted across the **pharmaceutical, R&D, healthcare, industrial, and education sectors,** where safety and reliability are paramount. With decades of experience and in-house expertise, we deliver proven filtration technology that safeguards people, processes, and the environment.

Safelab carbon filters – protecting people and the environment with safe, flexible, and cost-effective fume cabinet filtration.

Did you know?

Just 1 gram of activated carbon has the surface area of a football pitch – giving it the power to trap trillions of chemical molecules. Safelab filters harness this natural adsorption power to deliver **safe, clean air** back into the laboratory.

Activated carbon used by Safelab is made from coconut husks, making it a renewable resource, highly durable, and optimal due to its high surface area.

Service & Maintenance

Precision Maintenance for Peak Lab Performance

It is a **legal requirement** that all fume cupboards/cabinets undergo a **thorough examination and test at least every 14 months** to comply with COSHH Regulation 9. Safelab provides nationwide service and maintenance for **all makes and models** of fume cupboards and laminar flow cabinets whether ducted or filtered.

Trusted Expertise

Our service engineers are highly trained and accredited, including **COSHH LEV P601 qualification**, ensuring compliance with legislation and peace of mind for our clients. All staff are **DBS-checked** and operate to strict safety standards. We test and maintain to the latest regulations and guidance:

- **BS EN 17242**
- **BS EN 14175**
- **COSHH REG9**
- **HSG258**
- **CLEAPSS G9 (schools)**

Safelab is also accredited by **Reset**, **Constructionline**, **SafeContractor**, **CHAS**, and **Building with Confidence**, reflecting our strong health and safety culture.

What Our Thorough Examination & Test Includes

- Operation checks on the fume cupboard/cabinet and services
- **Qualitative (smoke)** and **quantitative (anemometer)** airflow assessments
- Condition and operation checks on **external fans and ductwork** (where applicable)

Flexible Service Programs

We offer a choice of service plans to fit your requirements:

- **Routine inspections** and maintenance visits
- **Specialist testing** for clients needing additional performance certification

Safelab keeps your laboratory safe, compliant, and running smoothly with tailored support you can rely on.

With over 40 years of experience, Safelab, now part of the SDI Group, is a leading UK designer and manufacturer of high-quality fume cupboards and safety cabinets. Since 2003, we have produced more than 11,000 fume cupboards and provide servicing and support to more than 2,500 customers each year.

We work with a broad spectrum of clients, from pharmaceutical organisations, industrial R&D facilities, and major universities to schools and small laboratories.

By collaborating closely with consultants (often with BIM and REVIT information), laboratory furniture specialists, leading construction firms, and end users, Safelab has become the preferred supplier for many of the UK's largest laboratory projects.

What Safelab Stands For:

- Exceptional manufacturing quality
- Expert consultation
- Outstanding customer support
- Continuous innovation

To meet the diverse needs of our clients, we offer both filtered and ducted fume cupboards/cabinets, delivering tailored solutions for every environment.

We also test, maintain, and service fume cupboards from any manufacturer, ensuring full compliance with COSHH Regulation 9.

Commitment to Excellence

Our dedication to quality, innovation, and customer care ensures that every Safelab fume cupboard is built to the highest standards.

With Safelab, you can be confident you are choosing the very best in laboratory safety and fume extraction technology.

Safelab Product Portfolio

Integrated Products. Consistent Protection.

AIRONE XP DOUBLE WALL DUCTED FUME CUPBOARD

AIRONE X2 SINGLE WALL DUCTED FUME CUPBOARD

AIRONE R3 FILTRATION FUME CABINET

AIRONE C700 FILTRATION FUME CABINET

POLYPROPYLENE AIRONE X DUCTED FUME CUPBOARD

POLYPROPYLENE AIRONE R FILTRATION FUME CABINET

FORENSIC SCIENCE SAFETY CABINET

STORAGE CABINET

AIRONE CLASS II MICROBIOLOGICAL SAFETY CABINET

AIRONE HORIZONTAL LAMINAR FLOW CABINET

AIRONE VERTICAL LAMINAR FLOW CABINET

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