



Airone R3 Ductless Filtration Fume Cupboard

www.safelab.co.uk

The **Airone R3** range of ductless recirculating fume cupboards have been designed to comply with BS7989:2001 for Filtration Fume Cupboards. They provide protection to the operator against hazardous substances, whilst being environmentally friendly and energy efficient. As a ductless solution no external ducting is required, making installation simpler and more cost-effective.



▲ Model shown -1200R with optional extras

Each unit incorporates a **Variable Air Volume** system which ensures the inflow is constant at variable sash heights. A counterweighted sliding front sash and clear laminated glass sides provide great access and visibility. Digital control systems are included to monitor and optimise performance, always ensuring safe and efficient operation.

Available in 5 standard widths – 1000mm, 1200mm, 1500mm, 1800mm, and 2000mm – the units can be freestanding, or bench mounted.

To ensure optimum containment and compliance, each cupboard is fitted with Carbon / HEPA filters specified by our in-house chemist, precisely tailored to the chemical applications and substances used in your laboratory.

Built in the UK, allows the product to be tailored to customer needs.

Benefits

- High Specification
- Simple cost effective Installation
- Ductless, Environmentally Friendly
- Laminated Glass sided
- Replaceable activated Carbon and / or HEPA filters

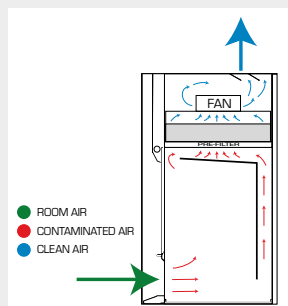


► Bench Mounted R3

Features & Benefits

Advanced Filtration. Zero Ducting. Total Compliance.

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▲ Directional Airflow

Recirculating Technology eliminates the need for external ductwork.

Digital Control System provides real-time monitoring of airflow, filter status, and system performance.

Carbon / HEPA Filter configurations, customisable to suit specific chemical applications.

Low Energy Digital Fans that deliver consistent airflow while reducing power consumption.

Low Fan Noise creates a quieter working environment that supports concentration and comfort.

Large Front Aperture allows for easy access to the working area, facilitating smooth handling of equipment and materials.

Low Airflow Alarm provides an immediate alert if airflow drops below safe levels, helping prevent accidental exposure to hazardous fumes or chemicals.

Hinged Front Panel aids routine maintenance, allowing quick access to filters and internal components.

Integral LED Lighting is integrated into the unit, providing clear visibility across the working area without adding heat or glare.



▲ Digital Control System



▲ Large Front Aperture



▲ Sink & Drip Cup Options



▲ Fire Cabinet



▲ Vented Storage Cabinet

Options

Vented Storage Cabinets provide secure, ventilated storage for chemicals and reagents, helping to reduce the risk of vapour build-up and improve overall lab safety.

Selection of Worktop Materials including Trespa®, stainless steel, and epoxy resin to suit your specific laboratory needs.

Remote Gas / Vacuum / Air Services

Drip Cup or Sink can be installed to manage liquid waste safely and conveniently.

Electrical Sockets provide convenient access to power for lab equipment and instrumentation.

Filter Saturation Alarm alerts users when filters are approaching capacity, ensuring timely replacement and maintaining optimal containment performance.

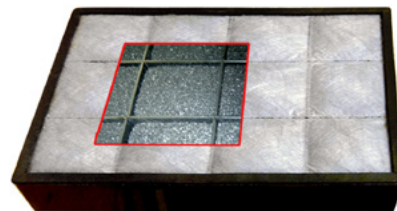
Trolley / Stand offers flexibility in lab layout and mobility, allowing the unit to be repositioned as needed.

Special Bespoke Units designed to your exact specifications: dimensions, specialist filtration, or integrated utilities.

Carbon Filters

for Filtration Fume Cupboards

At **Safelab**, we design, manufacture, and supply an extensive range of high-performance **carbon and HEPA filters** for recirculating fume cupboards, serving 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 the 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 cupboard 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 cupboard 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

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It is a **legal requirement** that all fume cupboards 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 7989:2001**
- **BS EN14175**
- **COSHH REG9**
- **HSG258**
- **CLEAPSS G9 (schools)**

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



What Our Thorough Examination & Test Includes

- Operation checks on the fume cupboard 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 over 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, 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.

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AIRONE XP DOUBLE
WALL DUCTED FUME
CUPBOARD



AIRONE X2 SINGLE
WALL DUCTED FUME
CUPBOARD



AIRONE R3
FILTRATION FUME
CUPBOARD



AIRONE C700
FILTRATION FUME
CUPBOARD



POLYPROPYLENE
AIRONE X DUCTED
FUME CUPBOARD



POLYPROPYLENE
AIRONE R FILTRATION
FUME CUPBOARD



FORENSIC SCIENCE
SAFETY CABINET



STORAGE CABINET



AIRONE CLASS II
MICROBIOLOGICAL
SAFETY CABINET



AIRONE HORIZONTAL
LAMINAR FLOW
CABINET



AIRONE VERTICAL
LAMINAR FLOW
CABINET



EXTRACT FAN





UK Head Headquarters

Airone Building
8 Beaufighter Road
Weston Super Mare
Somerset
BS24 8EE

www.safelab.co.uk
safelab@safelab.co.uk
+ 44 [0]1934 421340

