TESTED BY CLEAPSS FOR USE IN SCHOOLS

School & College Range
Airone 1000RS Mobile Filtration Fume Cabinet

www.safelab.co.uk

MADE IN BRITAIN®

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Airone 1000RS

School & College Ductless Fume Cabinet

The **Airone 1000RS** Mobile Filtration Fume Cabinet has been designed to comply to BS EN 17242 for Filtration Fume Cabinets and G9 Fume Cupboards in schools, and has been tested by CLEAPSS.

The unit gives maximum flexibility and can be manoeuvred between different locations. A counterweighted sliding front sash and clear laminated glass sides and rear provide 360º all-round visibility making this ideal for demonstrations. Lowering the sash will reduce the airflow and therefore noise is reduced to a minimum benefiting demonstration.

The unit comes complete with integral storage cupboard and fan failure monitoring system.

▲ Airone 1000RS

Airone 1000RS

Classroom Unit

Standard Specification

- Remote gas service
- Remote water service including drip cup and bottle trap
- Electrical socket

Construction

- Epoxy coated mild steel construction (RAL 7035)
- Clear back baffle and top panel
- Polypropylene spillage tray
- Stainless steel cill

Benefits & Features

- Variable Air Volume (two speed)
- Fully mobile
- 360º visibility
- No ducting required
- Sliding front sash
- Fan failure monitoring
- Large front aperture
- Integral storage cupboard
- Carbon filter technology
- Restraining stainless steel tether
- Much lower energy costs compared with a ducted unit

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Safelab Docking Station

For Airone 1000RS & 1000DS Fume Cupboards / Cabinets

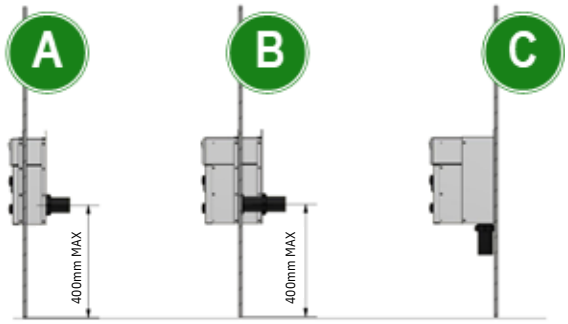
Airone Docking Station

For Mobile and Semi-Mobile Fume Cupboards

The **Safelab Docking Station** provides secure connection of services (usually gas, electricity, water and waste) to our mobile and semi-mobile fume cupboards / cabinets.

The mobile ductless (recirculating) Airone 1000RS or semi-mobile ducted Airone 1000DS is simply moved into place for the demonstration, the castors are locked, and the services connected. The stainless steel tether fitted to the fume cupboard / cabinet allows it to be positioned up to 1.6 metres away from the docking station (model dependent).

After the demonstration the services can be straightforwardly disconnected, the docking station securely locked, and the fume cupboard / cabinet conveniently moved out of the way.

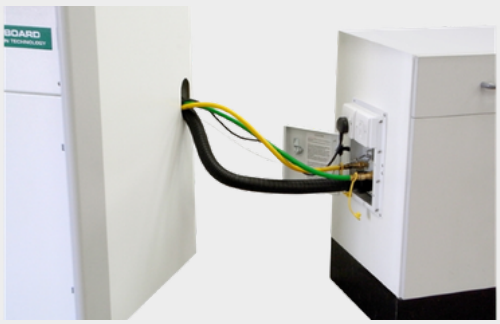


Mounting Options:

Can be mounted in three different ways. Options A and B using the standard docking station kit.

C requires the optional docking station spacer (part number: 020225).

▲ Docking Station to Left of 1000RS



▲ Docking Station to Right of 1000RS

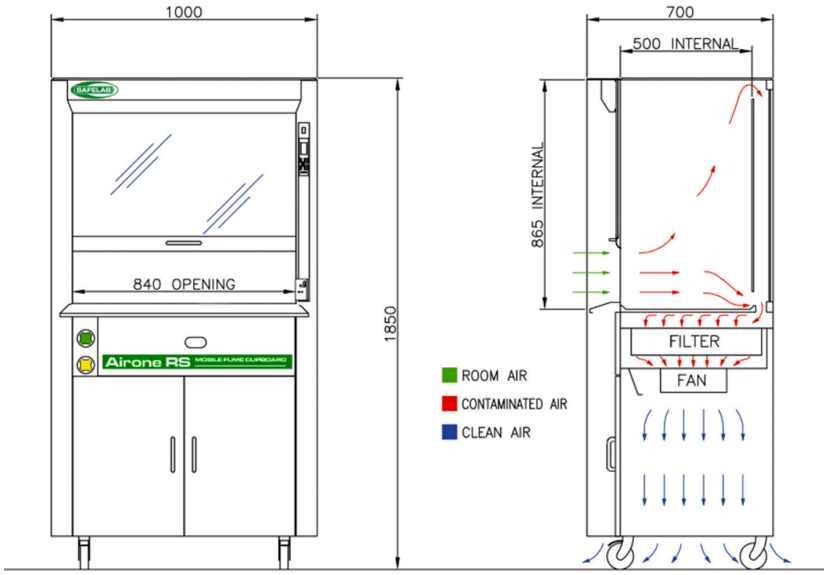
Technical Information

Mechanical Data

Airone RS Ductless Fume Cabinet

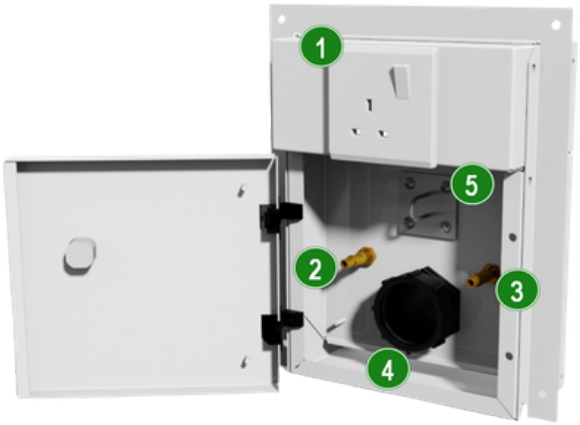
Min. Working Height	200mm[1]
Max. Working Height	365mm[1]
Usable Internal Height	865mm[2]
Power Supply	230V, 50Hz
Main Construction	Mild Steel

[1] From worktop to sash.
[2] From worktop to lowest point of top baffle.



Docking Station Guide

1. 13A switched socket outlet
2. 1/8” BSP natural gas coupling plug
3. 1/4” BSP water coupling plug
4. 1 1/2” BSP waste pipe coupler
5. Fume Cupboard tether attachment



5-Year Warranty

A 5-year manufacturer’s warranty is supplied as standard* with Airone RS school fume cupboards. COSHH Regulation 9 stipulates that this type of equipment should be tested and calibrated at intervals of no greater than 14 months to ensure continued safe operation.

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

*Subject to Safelab carrying out annual testing.

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 School & College Products

Integrated Products. Consistent Protection.

AIRONE X2 DUCTED FUME CUPBOARD

AIRONE R3 FILTRATION FUME CABINET

AIRONE 1000RS MOBILE FILTRATION FUME CABINET

AIRONE 1000DS SEMI-MOBILE DUCTED FUME CUPBOARD

DOCKING STATION FOR AIRONE 1000RS & 1000DS

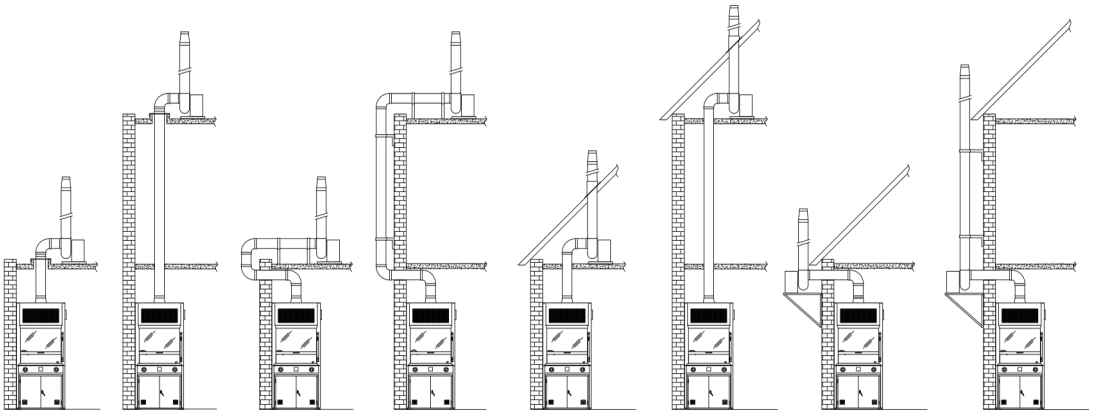
POLYPROPYLENE STORAGE CABINET

Extract Duct

The Airone X2 and Airone 1000DS ducted fume cupboard ranges must be connected to an extract system with a properly sized fan to manage pressure loss and effectively remove harmful fumes.

Safelab Systems has extensive experience supplying and installing these systems, whether for new builds or retrofitting into existing structures. By collaborating with architect, contractor, and end users, we ensure smooth installations.

Typical Duct Routes



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