



New version!
Hoses can exit either side of
fume cupboard

Airone 1000RS Mobile Filtration Fume Cupboard

Technical Specification

The Airone 1000RS Mobile Filtration Fume Cupboard has been designed to comply to BS7989:2001 for Filtration Fume Cupboards along with Building Bulletin 88 from the Department for Education and Employment 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 360° 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.

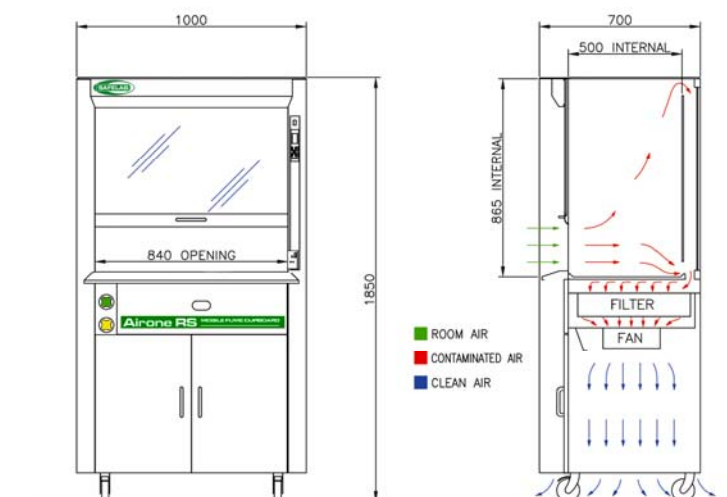
Construction

- Epoxy coated mild steel carcass
- Clear back baffle & top panel
- Polypropylene spillage tray
- Stainless steel cill

- Safety glass sides & rear panel
- Counterweighted front sliding sash
- Profiled aluminium aerofoils
- Restraining stainless steel tether

Specification

- Average inflow: **0.4 m/s**
- Min working aperture: **200mm high**
- Max working aperture: **365mm high**
- Voltage: **230V 50Hz 1ph**



Dimension drawing including airflow diagram

Filter Specification

- Filter weight: **Large 22 kg (lasts five years in normal usage)**
- Main filter type: **RS CMS schools' filter. Blended filter to meet the national curriculum needs for teaching science**
- Pre-filter: **Filtrete (protects main filter from particulates)**

Lockable Service Docking Station (optional)



Standard

RJ45 option

Standard docking station
exit LHS of
fume cupboard

RJ45 docking station
exit RHS of
fume cupboard

Benefits

- Variable Air Volume (two speed)
- Fully mobile
- 360° 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

Complies with
BREEAM
requirements

Standard specification

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



Warranty

A one year manufacturer's warranty is supplied with the Airone 1000RS cabinet. 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.