



SPECIFICATION

| | |
|--------------------------|--|
| Manufacturer: | Safelab Systems Ltd |
| Address: | Airone Building, 8 Beaufighter Road, Weston-Super-Mare, BS24 8EE |
| Telephone: | +44 (0)1934 421340 |
| E-mail: | enquiries@safelab.co.uk |
| Website: | www.safelab.co.uk |
| Supplier Contact: | Adrian Wyles – email: adrian@safelab.co.uk tel: +44 (0)7398 288292 |
| Product description: | 1000mm wide Fixed Filtration fume cupboard |
| Range: | Airone R VAV Fixed filtration fume cupboard |
| Product Code: | Airone 1000R Science Laboratory |
| Application: | For use whenever the operator and the environment need to be protected from gaseous or particulate contaminants. Designed for use in school laboratories and preparation rooms. |
| Standards: | Designed to comply with BS7989:2001 for filtration fume cupboards & CLEAPSS G9 Fume cupboards in Schools. Previously successfully tested by CLEAPSS against the specification in Building Bulletin 88, Fume cupboards in Schools which has been replaced with CLEAPSS G9 Fume cupboards in Schools |
| Guarantee: | 5 years warranty when Safelab carry out the annual service. |
| Installation: | Freestanding without the need for fixing to the walls or floor |
| External dimensions: | 1000mm wide x 760mm deep x 2200mm high |
| Internal dimensions: | 950mm wide x 550mm deep x 780mm high |
| Main Filter type & size: | CMS 22kg 690mm x 490mm Filter - Safelab Systems activated/impregnated carbon filter for absorbing hazardous gases and vapours. |
| Pre-filter: | Particle pre-filters with an efficiency of better than 97% for particles greater than 0.5 micron (DOP test). |
| Filter life expectancy: | 4.7 years |
| Average inflow: | >0.4 m/s |
| External carcass: | Manufactured from 16swg mild steel and profiled aluminium aerofoil extrusions and painted in epoxy powder coating |
| Glazed side panels: | 6mm Laminated security glass |
| Baffle: | 6mm solid grade laminate |
| Lower Aerofoil: | Profiled Stainless Steel |
| Worktop: | Fabricated white polypropylene spillage tray with drip cup |
| Sash: | 6mm Laminated security glass |



| | |
|---------------------------|--|
| Sash operation: | Sliding with counterweights – conforms to BS EN14175-2:2003 as indicated in item 2.1.3 of CLEAPSS G9 Fume Cupboards in Schools document, the sash cannot fall if one of the suspending cable-cords is cut |
| Minimum working aperture: | 200mm high |
| Maximum working aperture: | 365mm high |
| Support stand: | Fully welded tubular steel. |
| Colour: | Light Grey RAL-7035 and White RAL-9016 |
| Storage cabinet (option): | Manufactured from mild steel and painted in epoxy powder coating |
| Filter saturation alarm: | Detects low concentrations of Hydrocarbons, some gases and Organic Acids. Alarms at contaminants in exhaust air. Alarm mute function. Detects filter breach (i.e. by leak/saturation) long before laboratory is unduly contaminated |
| Weight: | 98kg excluding filter and stand |
| Noise level: | 54dBA |
| Services: | |
| Gas service: | Single gas outlet and fascia mounted control valve |
| Gas connection: | ¼" x 10mm compression fitting |
| Water tap: | Single cold-water outlet with serrated nozzle and fascia mounted control valve |
| Water tap connection: | ¼" x 10mm push fit adaptor |
| Drip cup: | Vulcathene Drip cup |
| Waste: | 38mm Vulcathene Bottle trap |
| Electrical sockets: | Fascia mounted Single 13Amp outlet |
| Lighting: | LED |
| Supply: | 1ph 220-240V 50Hz - 1.4 A |