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:	1200mm wide Fixed Filtration fume cupboard
Range:	Airone R VAV Fixed filtration fume cupboard
Product Code:	**Airone 1200R 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:	1200mm wide x 760mm deep x 2200mm high
Internal dimensions:	1150mm wide x 550mm deep x 780mm high
Main Filter type & size:	CMS 2 x 15kg 600mm x 450mm filters - 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 carcase:	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:	126kg 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 - 2.4 A