



## **SPECIFICATION**

Manufacturer:	Safelab Systems Ltd
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Supplier Contact:	Adrian Wyles – email: <a href="mailto:adrian@safelab.co.uk">adrian@safelab.co.uk</a> tel: +44 (0)7398 288292
Product description:	1000mm wide Fixed Ducted fume cupboard
Range:	Airone X2 Fixed Ducted Constant Air volume fume cupboard
Product Code:	<b>Airone 1000X2 Science Laboratory</b>
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 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
Average inflow:	>0.45 m/s
Air Volume:	600m <sup>3</sup> /hour
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



Air Bypass:	A perforated area on the upper fascia provides bypass air entry, decreasing as the sash is raised. This operates over the full height of the working sash opening providing constant air volume.
Minimum working aperture:	200mm high
Maximum working aperture:	400mm 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
Low Airflow alarm:	Monitors safe airflow at the working aperture
Weight:	84kg excluding stand
<b>Services:</b>	
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:	230V/50Hz, 13Amp