Airone X2 Ducted Fume Cupboard

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MADE IN BRITAIN®

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The **Airone X2 Single Wall Ducted Fume Cupboard** delivers BS EN 14175-compliant protection with robust epoxy-coated steel construction, laminated glass sides and a smooth counterweighted sash. An integrated air bypass and low-airflow alarm ensure safe, consistent performance, while the ducted design eliminates filter costs. Available in multiple sizes and configurations.

▲ Model shown - X2 with optional extras

Available in four standard widths – 1000mm, 1200mm, 1500mm, and 1800mm – the units can be freestanding, or bench mounted.

Built in the UK, allows the product to be tailored to customer needs.

Designed to deliver dependable airflow control in busy laboratory environments, the Airone X2 maintains stable face velocities across a wide range of operating conditions. This ensures effective containment of fumes and vapours, helping to protect users while supporting efficient day-to-day laboratory workflows.

A comprehensive range of optional services, accessories, and finishes allows the Airone X2 to be configured to suit specialist applications. From integrated lighting and service fittings to bespoke worktops, each unit can be tailored to complement your laboratory layout and operational needs.

Benefits

- High specification
- Air bypass system
- Low airflow alarm
- Laminated glass sided
- No replacement filter cost

▶ Bench mounted X2

Technical Information

Technical Data

	1000 X2	1200 X2	1500 X2	1800 X2
External (W x D x H)	1000 x 760 x 1300mm	1200 x 760 x 1300mm	1500 x 760 x 1300mm	1800 x 760 x 1300mm
Internal (Standard) (W x D x H)	950 x 550 x 1050mm	1150 x 550 x 1050mm	1450 x 550 x 1050mm	1750 x 550 x 1050mm
Air Volume @ 0.5m/s	600m³/hr	750m³/hr	960m³/hr	1180m³/hr
Lighting	LED	LED	LED	LED
Duct Spigot	250mm ∅	250mm ∅	250mm ∅	250mm ∅
Storage Cabinet	1no. 900mm	1no. 1100mm	1no. 500mm + 1no. 900mm	1no. 500mm + 1no. 1100mm

▲ Polypropylene Cabinet

▲ Fire Cabinet

▲ Vented Storage Cabinet

Options

Vented Storage Cabinets provide secure, ventilated storage for chemicals and reagents, helping to reduce the risk of vapour build-up and improve overall lab safety.

Selection of Worktop Materials including polypropylene, stainless steel, and epoxy resin to suit your specific laboratory needs.

Remote Gas / Vacuum / Air Services

Drip Cup or Sink can be installed to manage liquid waste safely and conveniently.

Electrical Sockets provide convenient access to power for lab equipment and instrumentation.

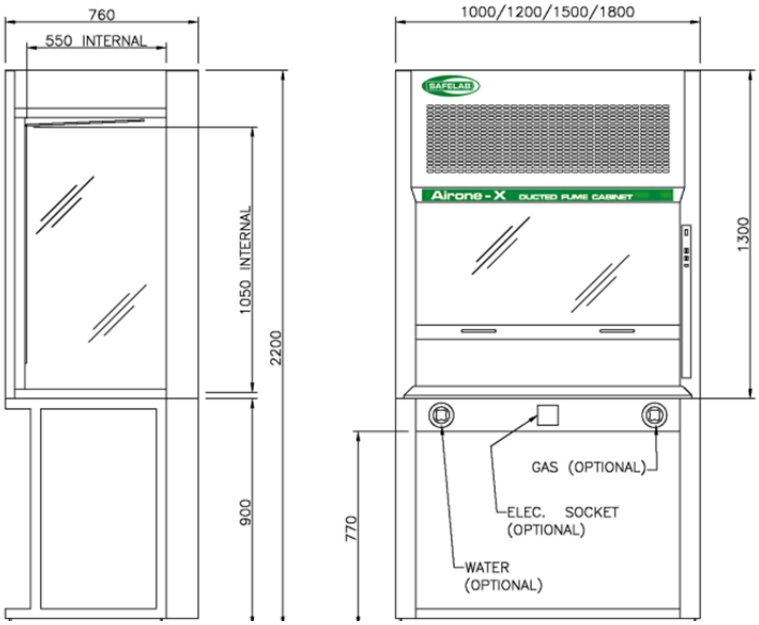
Special Bespoke Units designed to your exact specifications: dimensions, specialist filtration, or integrated utilities.

Technical Information

Mechanical Data

Airone X2 Ducted Fume Cupboard

Min. Working Height	200mm[1]
Max. Working Height	400mm[1]
Usable Internal Height	1050mm[2]
Power Supply	230V, 50Hz
Main Construction	Mild Steel
Stand	Mild Steel
Duct Spigot	PVC



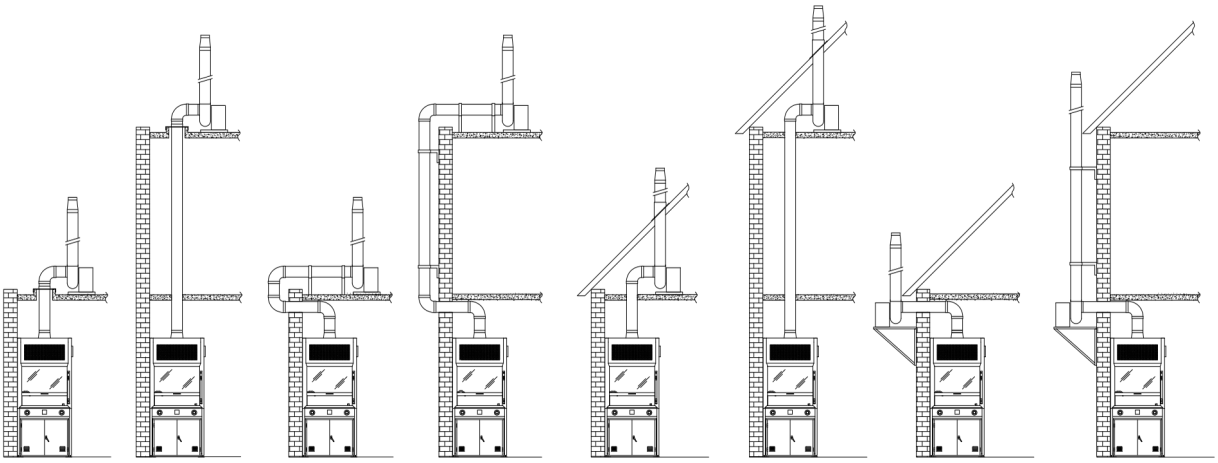
[1] From sill to sash.
[2] From worktop to lowest point of top baffle.

Extract Duct

The Airone X2 Ducted fume cupboard range 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



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, 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 Product Portfolio

Integrated Products. Consistent Protection.

AIRONE XP DOUBLE WALL DUCTED FUME CUPBOARD

AIRONE X2 SINGLE WALL DUCTED FUME CUPBOARD

AIRONE R3 FILTRATION FUME CABINET

AIRONE C700 FILTRATION FUME CABINET

POLYPROPYLENE AIRONE X DUCTED FUME CUPBOARD

POLYPROPYLENE AIRONE R FILTRATION FUME CABINET

FORENSIC SCIENCE SAFETY CABINET

STORAGE CABINET

AIRONE CLASS II MICROBIOLOGICAL SAFETY CABINET

AIRONE HORIZONTAL LAMINAR FLOW CABINET

AIRONE VERTICAL LAMINAR FLOW CABINET

EXTRACT FAN

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