



Airone XP Range Double Wall Ducted Fume Cupboards

Specifically designed to comply to BS EN 14175

Each unit incorporates an air bypass system to ensure constant inflow and a counterweighted sliding front sash.

Available in 4 standard widths the unit has been designed to give a large front aperture maximising the working space.

An extensive list of options allows services and materials to be tailored to the customer's individual needs.

With the increased concerns over exhaust pollution the unit can be supplied with an integral or remote cyclonic fume scrubber.

Benefits

Double Walled Construction	Air Bypass System or variable air volume system
Large Front Aperture	Low Airflow/High Sash Alarm
Aerodynamic Design	Smooth Sliding Front Sash Action
Good Front Visibility	Integral Lighting
No Replacement Filters Costs	Easy On Site Installation/Connection

Options

Remote Gas Services	Remote Vacuum Services
Remote Nitrogen Services	Remote Compressed Air Services
Remote Water Services	Drip Cup or Sink
Rear Washdown	Electrical Sockets
Ventilated Storage Cupboards	Un-Ventilated Storage Cupboards
Infill Panel Kits	Fire Trace System
Digital Airflow Display	Remote Fan and Extract System
Integral Fume Scrubbing	Remote Fume Scrubbing

Liner Options

Solid Grade Laminate
Glass
Polypropylene
Stainless Steel
Epoxy Resin

Technical Specification

Control System

- Low Airflow/High Sash Alarm
- Airflow Indication
- Fan On/Off Switch
- Light On/Off Switch
- Alarm Status/Mute
- Constant Airflow Monitoring

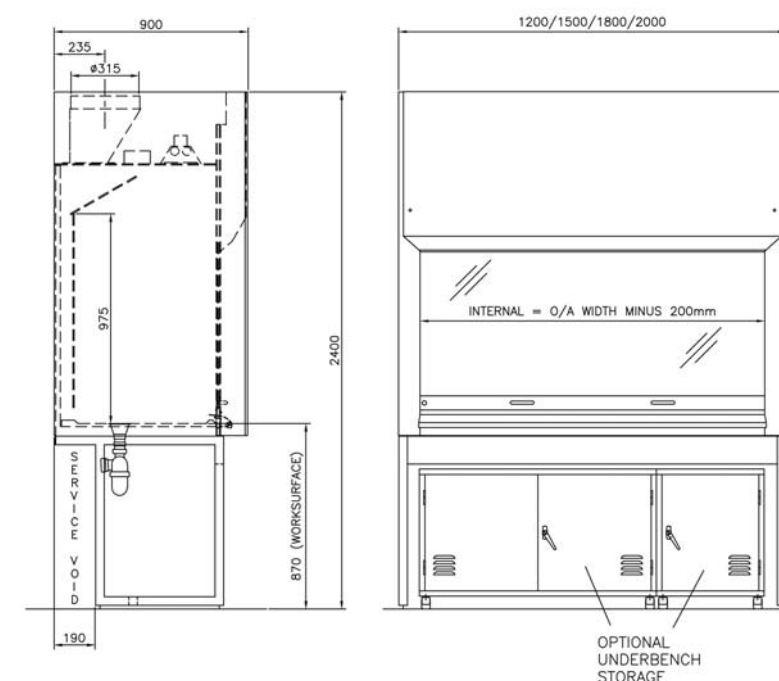
Construction

- Epoxy Coated Mild Steel Carcass
- Internal Liners: to customer's specification

Cast Epoxy Resin Base

Counterweighted Front Sliding Sash

Aluminium Extruded Aerofoils



Drawing of XP double wall ducted fume cupboard

MODEL	XP 1200	XP 1500	XP 1800	XP 2000
SPEC				
SIZES				
External (w x d x h)	1200 X 896 X 2400	1500 X 896 X 2400	1800 X 896 X 2400	2000 X 896 X 2400
Internal (w x d x h)	1000 X 620 X 1200	1300 X 620 X 1200	1600 X 620 X 1200	1800 X 620 X 1200
SPEC				
Average inflow (optimum)	0.5m/sec			
Minimum working aperture	150mm high			
Maximum working aperture	500mm high			
Voltage	230V 50Hz 1ph			
Duct spigot	250mm diameter	315mm diameter		
Air volume @ 0.5m/sec	900m ³ /hr	1170m ³ /hr	1440m ³ /hr	1620m ³ /hr

A one year manufacturer's warranty is supplied with the Airone XP range of cabinets.

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.