



# 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

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.

# 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



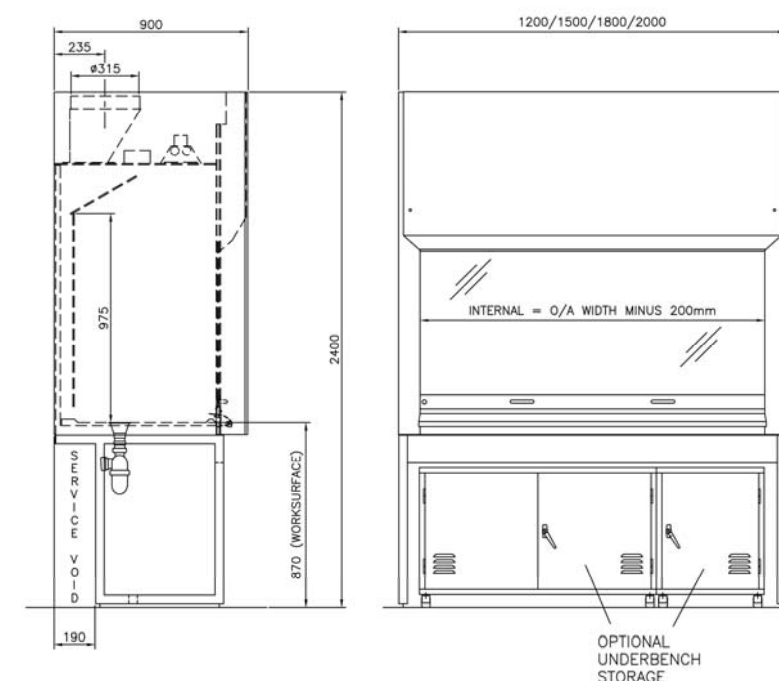
### Construction

- 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
<b>SIZES</b>				
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
<b>SPEC</b>				
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 <sup>3</sup> /hr	1170m <sup>3</sup> /hr	1440m <sup>3</sup> /hr	1620m <sup>3</sup> /hr

### Storage Cupboards

