



# Airone 1000DS

## Semi-Mobile Ducted Fume Cupboard

Tested by CLEAPSS the new Airone 1000DS Semi-Mobile Ducted Fume Cupboard has been designed to comply with BS7258:1994 Parts I & IV for ducted fume cupboards and Building Bulletin 88 from the Department for Education and Employment.

The intelligent design of this cupboard creates a fully ducted system which is semi-mobile. The Airone 1000DS' design has two major advantages:

- 1 The teacher and pupils are protected from the effects of the substances being used as harmful fumes/irritants are removed at their source and ducted away from the classroom environment entirely to atmosphere.
- 2 Easily stored to the side of the room the cupboard can be wheeled into an open position for demonstrations. With 360° visibility everyone can see what is happening and the teacher is facing the class as the demonstration takes place.

### The Airone 1000DS boasts a wealth of benefits

- Air By-pass System
- Sliding Front Sash
- Low Airflow Alarm
- Large Front Aperture
- Integral Storage Cupboard
- Restraining Stainless Steel Tether
- No Replacement Carbon Filter Costs

### Options

- Remote Gas Service
- Remote Water Service Including Drip Cup and Bottle Trap
- Electrical Socket
- Cast Epoxy or Stainless Steel Tray



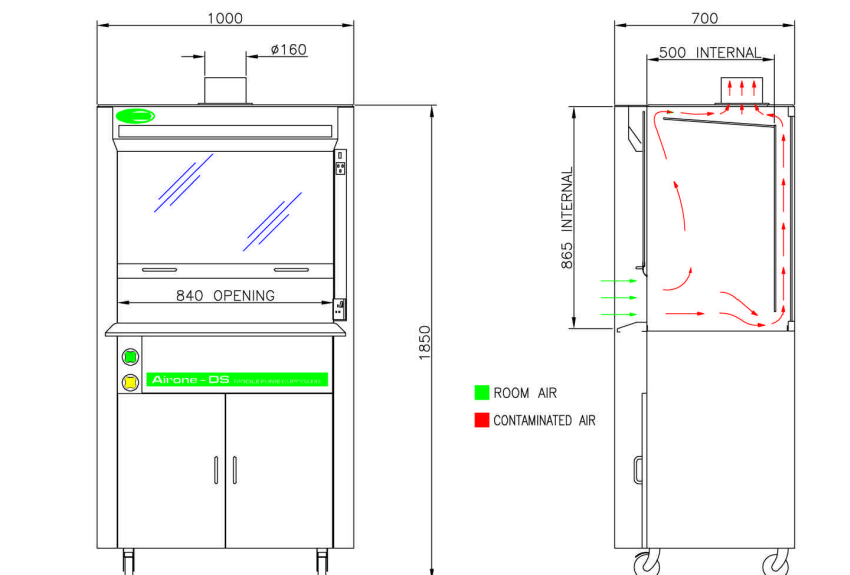
## Technical Specification

### Construction

- |                                 |                                    |
|---------------------------------|------------------------------------|
| Epoxy Coated Mild Steel Carcass | Safety Glass Sides & Rear Panel    |
| Clear Back Baffle & Top Panel   | Counterweighted Front Sliding Sash |
| Polypropylene Spillage Tray     | Profiled Aluminium Aerofoils       |
| Stainless Steel Cill            | Restraining Stainless Steel Tether |

### Specification

- |                       |   |
|-----------------------|---|
| Average Inflow:       | <b>0.4 m/s</b>                                    |
| Min Working Aperture: | <b>200mm high</b>                                 |
| Max Working Aperture: | <b>365mm high</b>                                 |
| Voltage:              | <b>230V 50Hz 1ph</b>                              |
| Duct Spigot           | <b>160mm</b>                                      |
| Gas & Water Services: | <b>Quick release connectors and flexible hose</b> |



**Dimension Drawing Including Airflow Diagram**

A one year manufacturer's warranty is supplied with the Airone 1000DS cabinet. 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.

Call Safelab Service on: 0870 240 2273.