



The Science of Fume Containment

# SSR2000 Mobile Fume Cupboard Education



ISO 9001  
ISO 14001  
ISO 45001



## Containment where you need it, visibility where it matters

The Clean Air SSR2000 Sliding Sash Recirculation Fume Cupboard provides a flexible and practical solution for science teaching environments where mobility and visibility are essential.

Mounted on lockable castors, the SSR2000 is easy to manoeuvre and passes comfortably through a standard doorway, allowing fume cupboard capacity to be added wherever it is needed. When used with a docking station (available separately), a single unit can serve multiple laboratories, providing a cost-effective way to increase flexibility across a science department.

With glass panels on all four sides, the SSR2000 offers excellent visibility from every angle, making it ideal for practical demonstrations and group teaching. Students can clearly observe experiments and reactions while remaining protected by a fully enclosed fume cupboard system.

The SSR2000 has been independently tested by CLEAPSS and meets the requirements of Guide G9 – Fume Cupboards in Schools and SSERC. In addition, its containment performance has been independently tested and achieved BS EN 14175 Setting B Mid-level containment results, making it suitable for general use and commercial laboratory applications. This exceeds the Setting C Low-level containment classification typically required for school fume cupboards, which is intended for small quantities of diluted chemicals and low-hazard activities. As a result, schools benefit from a significantly higher level of containment performance than is normally required for educational use.

The SSR2000 delivers the performance, safety and reliability expected from a high-quality fume cupboard. Its robust construction and comprehensive standard specification ensure long-term value and dependable operation in demanding educational environments.

Not all school fume cupboards include the same level of equipment and features as standard. When comparing products, it's important to consider exactly what is included, as well as the overall performance and compliance of the system.

### All This as Standard

- Toughened glass sides, back and sliding sash for 360° visibility
- Quick-release connections for fast installation and easy relocation
- Flush membrane airflow control panel with visual Air Safe / Fail and audible low airflow alarm
- Integral carbon filter with protective pre-filter
- Aerodynamic finger grip and profiled baffles for excellent levels of fume containment
- RCD protected double socket
- Low energy consumption, long life LED flat panel lighting
- Externally located cold water and gas valves for ease of operation
- Polypropylene circular drip cup, bottle trap and flexible waste hose
- Dished seamless high-quality GRP worktop
- Built-in storage cupboard
- Sash stop device at 400 mm for operator safety
- Lockable castors
- 2 mm polyester powder coated Aluminium construction, white textured finish (RAL 9003)
- 12-month free warranty

### Docking Station (Not included)

- Easy to install
  - Compact, lockable housing for mains supplies
  - Powder coated white textured finish to match the fume cupboard
  - Either a bench mounted or wall mounted model
  - Gas and water quick-release couplings plus electrical socket
  - Bench mounted model includes flexible waste connection
  - Tough 1.2 mm zinc-coated mild steel construction
  - Stainless steel restraining cable to safeguard service connections
- See Docking Station datasheet for more information

### Servicing

A Clean Air service includes much more than simply face velocity testing – ask us for details.

- Full Service and Maintenance packages available
- Options to lock in prices - Free 5-year extended warranty with 5-year service package\*
- Highly trained, DBS-checked test engineers
- Never over-run your test date with our free scheduling service
- Most makes and models of fume cupboard serviced

\*T&Cs apply see website

## SSR2000 Mobile Fume Cupboard Technical Specification



## SSR2000 Mobile Fume Cupboard Dimensions

|                                                           |                                                                            |                       |
|-----------------------------------------------------------|----------------------------------------------------------------------------|-----------------------|
| External Dimensions                                       | 1000mm wide x 700mm deep x 1950mm high                                     |                       |
| Internal Dimensions                                       | 912mm wide x 442mm deep (Baffle to Sash) x 960mm high (Work-top to Soffit) |                       |
| Sash Opening                                              | 840mm wide x 625mm high (Maximum height to load equipment)                 |                       |
| Standard Operating Sash Opening Height                    | 360mm (From top of sill to underside of sash)                              |                       |
| Design Operation                                          | 0.4m/s face velocity with an operating sash height of 400mm                |                       |
| Containment                                               | Protection Factor Robustness of Containment PFr 366,000                    |                       |
| BS EN 14175                                               | Achieves Setting B - Suitable for general use or commercial labs           |                       |
| Service Connections                                       | Mains supplies via docking station – see separate datasheet                |                       |
| Power Consumption – Fan, Light & Alarm (Excluding Socket) | Sash Open 320 Watts                                                        | Sash Closed 245 Watts |
| Approximate Weight of Unit                                | 125.5 kg                                                                   |                       |

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