



## WALK-IN FUME CUPBOARD

A **walk-in fume cupboard** is a ventilated enclosure for safely containing and extracting hazardous fumes, allowing users to work with large equipment or experiments inside.

### Advanced Performance Features

**Superior Containment** – High-performance airflow design minimizes exposure to hazardous substances.

**Durable & Chemical-Resistant Materials** – Built to withstand harsh chemicals and rigorous lab conditions.

**Energy-Efficient Ventilation** – Reduces operational costs while maintaining safety.

**Ergonomic & User-Friendly Design** – Spacious work area with intuitive controls for ease of use.

**Customizable Options** – Designed to specification and configurations to suit specific applications.





## Installation

- For the Walk-in Fume Cupboard to operate correctly, the correct fan should be selected.
- This fan should be corrosion resistant preferably of polypropylene manufacture, with the motor external to the airstream.
- Ducting should be either PVC or Polypropylene welded together.

## Applications

- Chemical Research & Laboratories
- Pharmaceutical Industry
- Industrial & Manufacturing
- Universities & Educational Institutions
- Forensic & Analytical Testing
- Biotechnology & Life Sciences

## Enhance Safety with Smart Features

- Real-Time Monitoring & Alarms
- Variable Air Volume (VAV) Systems
- Integrated Lighting & Visibility Enhancements



A Walk-in Fume cupboard connected to ducting

## Control Panel

- Situated on the left hand side of the cabinet; panel is removable for easy servicing.
- On/Off Isolator
- On/Off Light switch
- Red/Green Indicator for Not Safe/Safe operation
- 2 plug points
- Audible & Visual alarm for not safe operation.



## Service Panel

- Situated on the right hand side of the cabinet, panel is removable for easy servicing of water/gas valves.
- Service panel provides for 5 service valves with uniflex connections.
- Water valve and spout, gas valves and spout with braided hose.
- LPG valve and spout is with certified rubber hose (EN559) / DG36121 – 30°C.
- Outlet on water and gas valves are 10mm nylon (8bar) flexible.



Upgrade your lab with high-quality walk-in fume cupboard solutions tailored to your needs.