



## DUCTED FUME CUPBOARD

**Ducted fume cupboards** provide maximum protection by safely venting hazardous fumes and vapors outside the facility. Our high-performance ducted fume hoods are designed to ensure operator safety, improve air quality, and enhance lab efficiency.

### 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** – Available in various sizes and configurations to suit specific applications.



IN COMPLIANCE WITH ASHRAE 110-1995

## Installation

- For the 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.



Fume Cupboard with an under-storage cupboard

## Enhance Safety with Smart Features

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

## Applications

- Chemical and Pharmaceutical Research
- Industrial and Academic Laboratories
- Healthcare and Medical Testing Facilities
- Forensic and Analytical Labs

## 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.



Standard Size	Exterior Width	Interior Width
1200mm	1200mm	900mm
1500mm	1500mm	1200mm
1800mm	1800mm	1500mm
2000mm	2000mm	1700mm
2100mm	2100mm	1800mm

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