



## PORTABLE FUME CUPBOARD

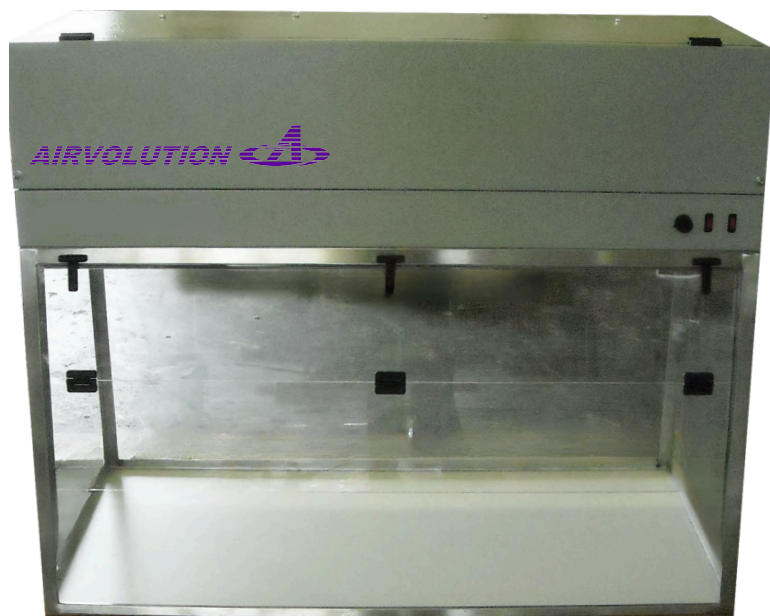
### Advanced Performance Features

- **Superior Chemical Resistance** – Constructed with epoxy-coated mild steel, ensuring durability and protection against common laboratory chemicals.
- **Robust & Reliable Work Surface** – Choose between an acid-resistant solid core Formica or a sleek stainless steel surface for maximum durability and easy cleaning.
- **Advanced Airflow System** – Our high-quality variable speed controller and centrifugal fan deliver quiet, consistent airflow—even when filters start to clog.
- **Ultimate Flexibility** – Designed for mobility, this unit can be bench- or trolley-mounted, allowing you to adapt your workspace effortlessly.



## How It Works

- **Air Intake:** Contaminated air is drawn into the unit.
- **Filtration:** Harmful particles and gases are captured by high-efficiency filters.
- **Clean Air Release:** Purified air is safely recirculated back into the cabinet.



## Benefits of Using Our Portable Fume Cupboards

- **Increased Safety** – Protects users from hazardous fumes and airborne contaminants.
- **Cost-Effective** – No need for expensive ducted installations.
- **Space-Saving** – Perfect for laboratories with limited space.
- **Easy Maintenance** – Quick filter replacement and minimal upkeep required.
- **Regulatory Compliance** – Designed to meet industry safety standards.

## Specifications:

- **Airflow Capacity:** Adjustable airflow rates for optimal safety.
- **Filter Types:** HEPA, carbon, or custom filter configurations.
- **Construction Materials:** epoxy-coated mild steel, ensuring durability and protection against common laboratory chemicals.
- **Noise Level:** Low-noise operation for a comfortable working environment.
- **Power Supply:** Standard electrical input (220V) with energy-saving operation.

## Applications:

- Scientific Laboratories
- Educational Demonstrations
- Pharmaceutical Testing
- Industrial & Chemical Research
- Electronics & Soldering Stations
- Forensic Investigations

Model	2ft PFC	3ft PFC	4ft PFC
Unit Size(W x D x H)	650 x 610 x 1020	770 x 690 x 1150	1240 x 700 x 1260
Work Area(W x D x H)	650 x 610 x 670	770 x 665 x 700	1240 x 700 x 840
Weight(kg)	55	100	125
Volume(m <sup>3</sup> /hr)	200	300	600
Face Velocity(m/s)	0.5	0.5	0.5
Open(m/s)	0.3	0.3	0.3

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