

Filtered Fume Hood



Introduction

The Filtered Fume Hood is equipped with activated carbon molecular filters and air particulate filters, capable of adsorbing most harmful chemical gases, thereby reducing the operational energy consumption (costs) of air conditioning and ventilation systems. Its applications span various industries, including education and scientific research, inspection and quarantine, healthcare, food and pharmaceuticals, chemical engineering, environmental safety, national defense, and military industries.

Features

- Metal material : $\geq 1.2\text{mm}$ high-quality cold-rolled steel plate.
- The main material of the cabinet body: $\geq 15\text{mm}$ transparent acrylic sheet;
- Display: 7-inch LCD touchscreen display with real-time monitoring capabilities for temperature, humidity, fan operation, and VOC concentration, etc.;
- Fan: Centrifugal fan;
- Filtration system: Complies with ASTM standards, effectively targets acidic and organic gases with strong adsorption capacity;
- Work surface: Epoxy resin;
- Lighting: LED lamp;
- Application: Desktop or mobile wheel base, adaptable to any complex experimental site.

Filtered Fume Hood



Features

- Cabinet: $\geq 1.2\text{mm}$ high-quality cold-rolled steel plate;
- Front & Side panels: $\geq 6\text{mm}$ transparent acrylic viewing windows;
- Display: 7-inch LCD touchscreen for real-time monitoring of temperature, humidity, fan status, and VOC concentration, etc.;
- Fan: Centrifugal fan;
- Control panel: ABS material.

Filter Selection:

- ① Organic Filter ② Ammonia Filter
- ③ Inorganic Filter ④ HEPA Filter
- ⑤ Formaldehyde Filter
- ⑥ Nano Photocatalytic & UV Sterilization



Configuration Options:

Resin Epoxy Worktop / Fixed Base / Mobile Base / Chemical-Resistant Laminate Worktop / Stainless Steel Worktop / Industrial Ceramic Worktop / Tempered Glass Worktop



Model No.	Exterior Dimension H×W×D(mm)	Air handling capacity (m³/h)	Average surface wind speed (m/s)	Electric Power	No.of shelves	Power (W)
GA080	2070×880×700	240	0.4-0.6	AC220V/50HZ	1	187
GA100	2070×1000×700	240	0.4-0.6	AC220V/50HZ	1	187
GA127	2070×1275×700	300	0.4-0.6	AC220V/50HZ	3	307
GA160	2070×1600×700	300	0.4-0.6	AC220V/50HZ	1	307
GH080	1245×800×620	240	0.4-0.6	AC220V/50HZ	2	60
GH100	1245×1000×620	240	0.4-0.6	AC220V/50HZ	3	60

Model No.	Exterior Dimension H×W×D(mm)	Air handling capacity (m³/h)	Average surface wind speed (m/s)	Electric Power	Filter	Power (W)
GAC080	1225×880×700	240	0.4-0.6	AC220V/50HZ	Two D types	187
GAC100	1225×1000×700	240	0.4-0.6	AC220V/50HZ	Two D types	187
GAC127	1225×1275×700	300	0.4-0.6	AC220V/50HZ	Six B types	307

Parameter