

# Mobile Fume Extractor



## INTRODUCTION

The mobile fume extractor is an air purification equipment which can provide the partial high pure environment. The airflow is vertical laminar flow type. It is widely used in medical research laboratories, precision instrument, bio-pharmacy, micro-organism studies and etc.

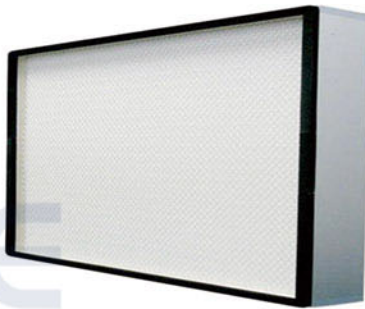
## FEATURES

1. Freely moving, easy to operate and install.
2. The purification system consists of fan, primarily efficient filter, high efficient filter and activated carbon filter.
3. HEPA filter ensures the filtering efficiency to 99.999% efficiency at 0.3µm.

## TECHNICAL PARAMETERS

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| Model                  | MFE-I                                                                |
| External Size(W*D*H)   | 500*500*980mm                                                        |
| Air Velocity           | 0.3~0.5m/s                                                           |
| Filter Efficiency      | 99.995% efficiency at 0.3µm                                          |
| Noise                  | ≤75dB(A)                                                             |
| Suction Inlet Diameter | 375mm                                                                |
| Rated Power            | 180W                                                                 |
| Power Supply           | AC110V/220V±10%, 50Hz/60Hz;                                          |
| Gross Weight           | 76kg(15kg for Extracting arm; 61kg for Purification system)          |
| Net Weight             | 67kg                                                                 |
| Package Size(W*D*H)    | 810*510*600mm(Extracting arm)<br>630*630*1175mm(Purification system) |

# FFU (Fan Filter Unit)



## FEATURES

1. FFU shell and HEPA filter adopt split design, easy to install and replace.
2. Microprocessor control system, energy-saving and low noise.
3. Long service-life blower, up to 100,000 hours, maintenance-free and small vibration.
4. Suitable for using separately or connecting together for assembly line.
5. Made of aluminium coated zinc plate, anti-corrosion, rust-proof and light weight.

## TECHNICAL PARAMETERS

|                         |                                        |                 |                 |                 |
|-------------------------|----------------------------------------|-----------------|-----------------|-----------------|
| Model                   | FFU 1000                               | FFU 1200        | FFU 1500        | FFU 1800        |
| External Size(W*D*H)    | 975*575*380mm                          | 1175*575*380 mm | 1475*575*380 mm | 1775*575*380 mm |
| Air Velocity            | 0.45 m/s±20%                           |                 |                 |                 |
| HEPA Filter             | 99.999% efficiency at 0.3µm            |                 |                 |                 |
| HEPA Filter Size(W*D*H) | 970*570*69mm                           | 1170*570*69mm   | 1470*570*69mm   | 1770*570*69mm   |
| Blower                  | Built-in centrifugal blower            |                 |                 |                 |
| Noise                   | ≤60dB                                  |                 |                 |                 |
| Consumption             | 110W                                   |                 | 220W            |                 |
| Power Supply            | AC220V±10%, 50/60Hz; 110V±10%, 50/60Hz |                 |                 |                 |
| Shell Material          | Aluminium coated zinc plate            |                 |                 |                 |
| Gross Weight            | 60kg                                   | 70 kg           | 90kg            | 110kg           |
| Package Size(W*D*H)     | 1135*800*540mm                         | 1335*800*540mm  | 1635*800*540mm  | 1935*800*540mm  |