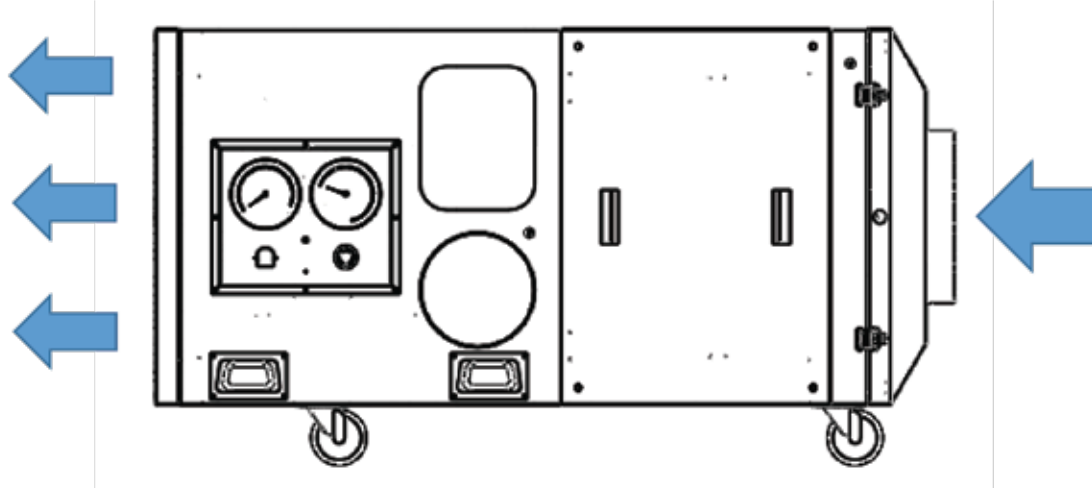


The negative pressure air extractor is used in a space or environment with serious air pollution. Its main function is to provide negative air pressure to a room or area where dust, asbestos, and airborne microorganisms (such as Aspergillus) may exist.

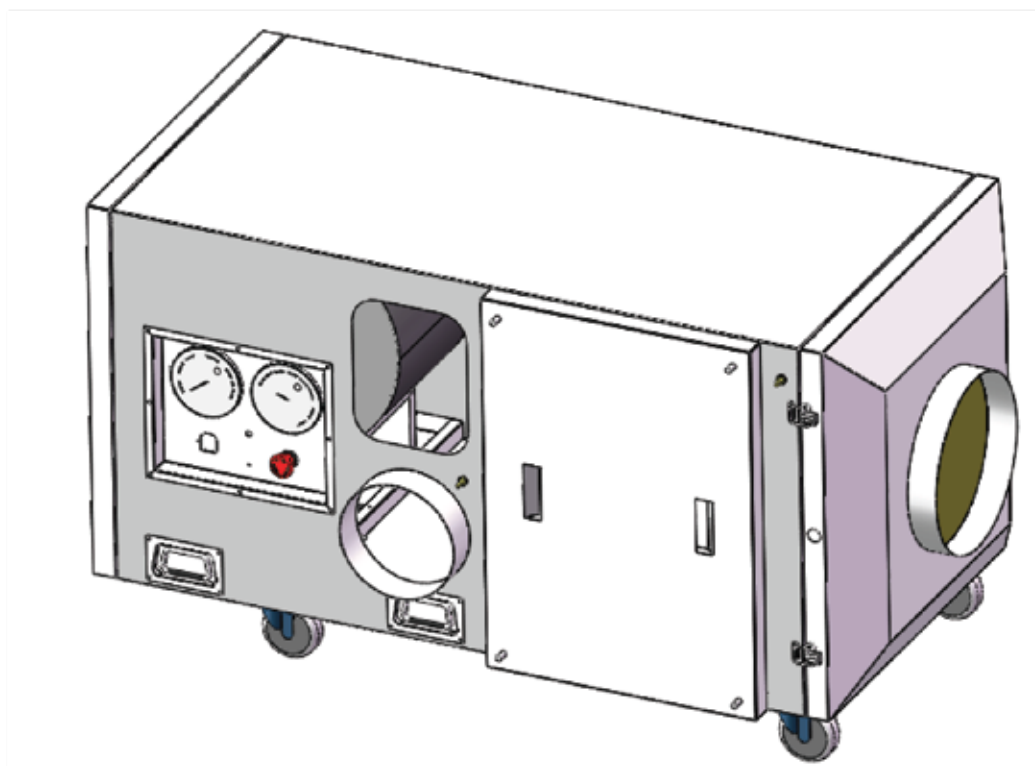


### Features

- The housing of the negative pressure exhaust hood is made of 1.0mm cold-rolled steel plate with anti-rust treatment and electrostatic spraying, which has good smoothness and corrosion resistance.
- The high-efficiency filter uses the replacement installation method of bag in and bag out.
- The observation window glass of the negative pressure exhaust hood is 5mm thick tempered glass.
- The front air inlet of the negative pressure exhaust hood is equipped with a hinge buckle for easy replacement of the pre-filter.
- The aerosol sampling port is on the exterior surface, which is convenient for operation and sampling.
- The aerosol detection port has an internal reserved detection channel for direct operation.
- There is an emergency stop switch installed, which can be stopped at any time in the event of an accident.



Airflow pattern diagram



## OFFICES

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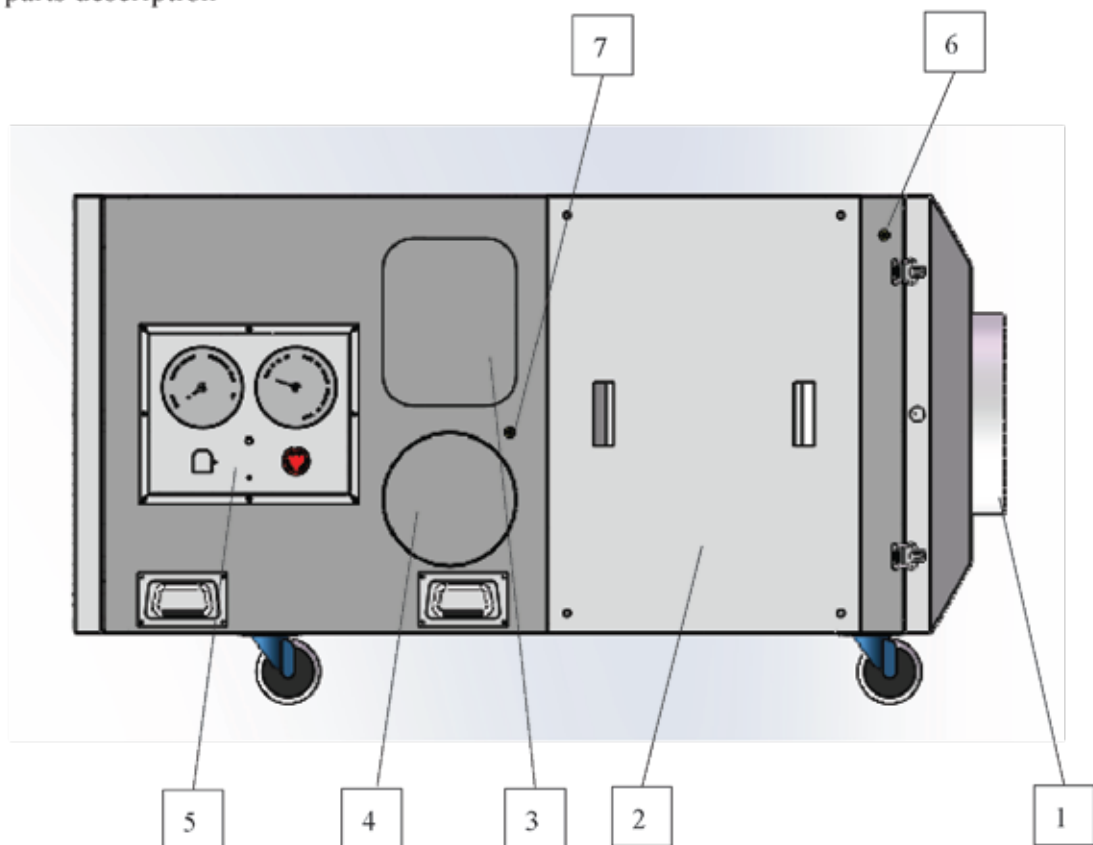
Controlled  
Environments  
Accreditation  
No.15597



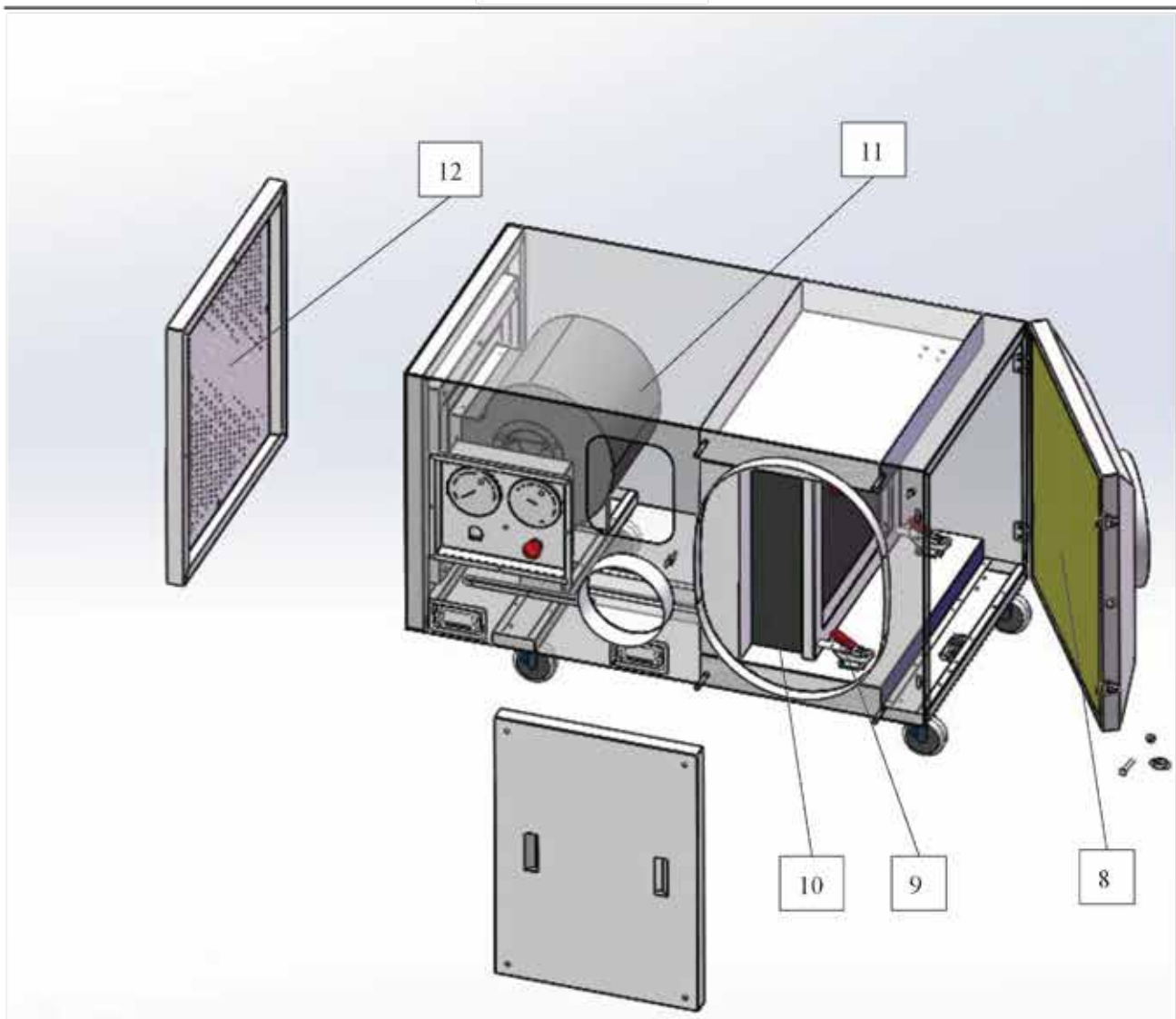
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## Appearance

### 5、Key parts description



1. Air inlet
2. Bag in and out
3. Observation window
4. Glove mouth
5. Control panel
6. Aerosol sampling port
7. Aerosol detection port



8. Primary filter

9. Compression fixture

10. HEPA filter

11. Fan

12. Uniform wind net on the air outlet surface

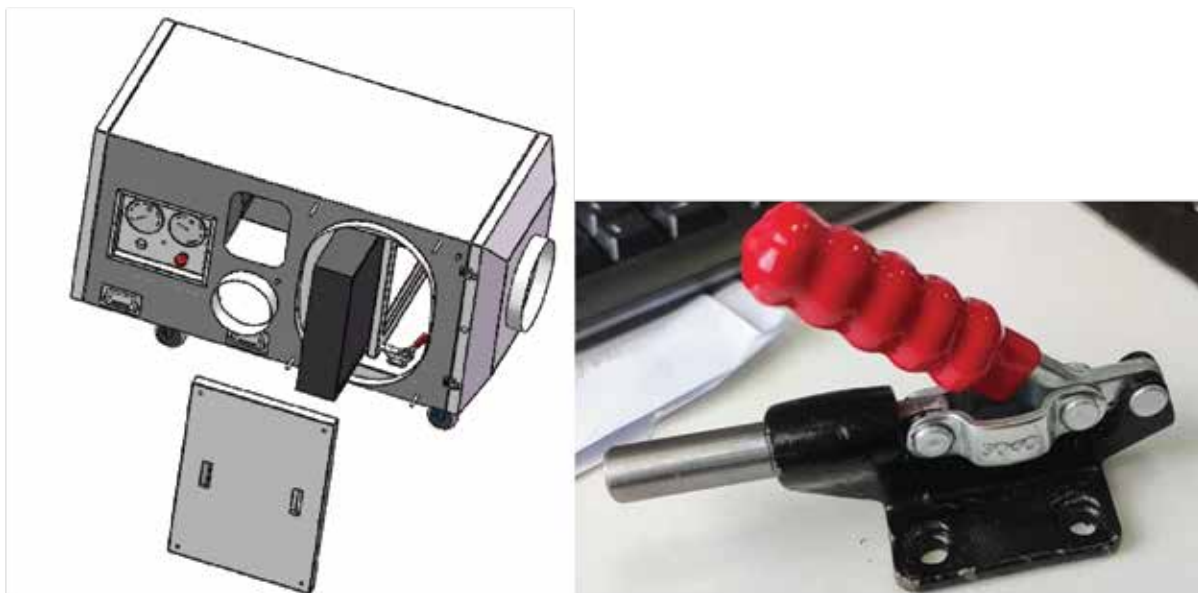
## 6. Operation method

### 1. Aerosol detection:

For aerosol detection, connect the photometer to the aerosol detection port (marked 7). The other end of the gas nozzle (inside the cabinet) has a reserved air pipe. Operate the air pipe sweeping filter through the glove port (marked 4). On the air outlet side, the observation window (marked 3) can see the internal operation, ensuring the integrity and reliability of the detection.

## 2. Replacement of high efficiency filter:

Open the bag inlet port (marked 2), loosen the compression clamp (marked 9), use a PVC sealed bag to take out the high efficiency filter (marked 10), and take a new high-efficiency filter and replace it with the compression clamp (Mark 9) After pressing tightly, close the side door of the bag inlet and outlet.



## 3. Pre-filter replacement

Open the front cover directly, take out the pre-filter (marked 8) and replace it.

Technical Parameters	Basic parameters of negative pressure exhaust hood
External Dimensions (WxDxH), mm	1470 x 710 x 760
Primary Filter Dimension, mm	615 x 615 x 100
High Efficiency Filter Dimension, mm	480 x 480 x 127
Wind speed of suction port	0.7~1.2m/s
System exhaust volume	2600 m <sup>3</sup> /h
Rated power	1100 W (not including the power of the cabinet socket load)
Noise (dBA)	≤75dB (A)
Diameter of the glove cuff	φ200mm, and the glove length is 800mm
Size of observation window	Approx 250×200 mm
Fan model	Lawson DZAE9/9-4, with 3C certification
Gross weight	100kg
Net weight	80kg