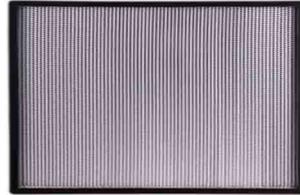


## Low Filter Medium Filter High Filter



### ◆ Product Description

Primary, medium and high-efficiency air filters are three levels of filtration equipment arranged in ascending order of filtration precision in air purification systems. They perform their respective duties and work progressively to ensure air cleanliness. They are widely used in special scenarios with stringent air cleanliness requirements such as clean rooms, laboratories, and operating rooms.

- Large dust holding capacity
- Simple structure
- Low cost
- Stable efficiency
- Strong sealing performance

### ◆ Product Structure

Although primary filters, medium efficiency filters, and high efficiency filters have progressively increasing filtration precision, their core function is to trap particulate matter in the air. However, due to differences in their application scenarios and filtration requirements, their product structures exhibit differentiated designs, which can be generally divided into two parts: "General Basic Structure" and "Type-Specific Special Structure".

### ◆ Typical Applications

Primary filters are widely used in scenarios such as factory fresh air inlets and shopping mall central air-conditioning return air, trapping hair and large particulate dust to protect subsequent equipment; medium efficiency filters play a role in places with certain requirements for air cleanliness, such as hospital outpatient departments and electronic component assembly workshops; high efficiency filters, as the core of end-stage precision filtration, are applied in key scenarios including chip manufacturing cleanrooms, pharmaceutical sterile workshops and biological laboratories.

### ◆ Typical Product Data and Physical Properties

Main Material: Non-woven fabric/Nylon mesh/Perforated metal mesh/Glass fiber/PTFE membrane  
 Frame: Aluminum alloy/High-quality galvanized steel sheet/ Stainless steel  
 Structure: Flat type/Foldable type  
 Filtration Precision: Primary efficiency: 5–10 $\mu$ m / Medium efficiency: 1–5 $\mu$ m / High efficiency:  $\geq$ 0.3 $\mu$ m  
 Operating Temperature: -10 $^{\circ}$ C~120 $^{\circ}$ C

#### Availability:

Material Code	Product Name	Weight	packing
1.3.13.01.0005	Low Filter	50KG	1pcs/carton
1.3.13.01.0014	Low Filter	30KG	1pcs/carton
1.3.13.02.0010	Medium Filter	45KG	2pcs/carton
1.3.13.03.0016	High Filter	20KG	4pcs/carton

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

#### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only.

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