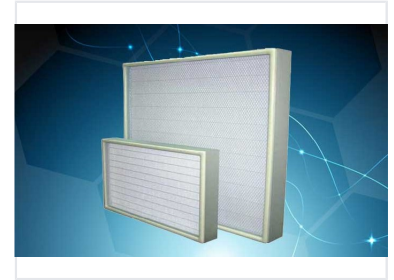


# High-Efficiency Air Filter

This air filter utilizes ultra-fine glass fiber filter paper as the filtering material and is sealed with polyurethane sealant. Each filter undergoes rigorous testing.



## Product Overview

### High-Efficiency Air Filtration

This high-efficiency air filter without clapboard is engineered to capture dust particles with a diameter of 0.3 $\mu$ m or below. Designed for critical environments, it serves as the final filtration stage in systems requiring high cleanliness standards. Its construction utilizes ultra-fine glass fiber filter paper and a durable aluminum alloy framework to ensure reliable performance.

## Technical Specifications

### Capture Efficiency

**0.3  $\mu$ m**

Target Particle Size

Filter Material	Ultra-fine glass fiber filter paper
Frame Material	Aluminum alloy
Sealant	Polyurethane

## Applications

Suitable Industries	Electronics, Semi-conductor, Precise Machinery, Pharmaceuticals, Hospitals, Food Industry
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## Maintenance & Best Practices

### Recommended Pre-Filter Efficiency

Cleanliness Level	Recommended Pre-filter
Level 10,000 - 100,000	F8 (95%)
Level 100 - 10	H10 (MPPS 85%) or HEPA

### Maintenance Considerations

- Use proper pre-filtering to extend the working life of the final filter.
- Consider environmental factors like corrosive chemicals (e.g., Hydrofluoric acid) when scheduling replacements.
- Pharmaceutical environments may require replacement after the rain season to avoid bacteria pollution.
- Biological laboratories and chemical research facilities should install new filters before beginning new critical research topics.