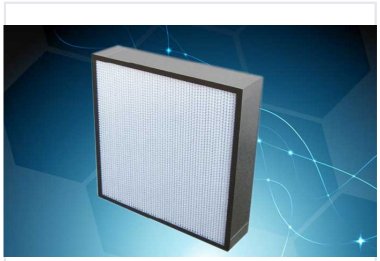
High-Efficiency Particulate Air Filter

This high-efficiency particulate air filter utilizes ultra-fine glass fiber filter paper as the filtering material. It is separated with a plastic sheet or folded aluminum foil board and sealed with polyurethane.



Product Overview

High-Efficiency Particulate Air Filtration

This high-efficiency air filter with clapboard design is engineered for critical environments requiring superior air quality. Utilizing ultra-fine glass fiber filter paper, it effectively captures dust particles as small as 0.3㎛ or below. It serves as a reliable final filtration stage for cleanrooms, hospitals, and high-precision industrial facilities.

Technical Specifications

Frame Material Options

- Galvanized plate
- Stainless steel
- Aluminum alloy

Filtration Capability	0.3㎛ or below
Filter Material	Ultrafine glass fiber, PP high efficiency filter paper
Sealing Material	Polyurethane sealant

Applications

Suitable Industries

Electronics • Semi-conductor • Precise machinery • Pharmaceuticals • Hospitals • Food industry

Performance Insights

Understanding Efficiency

While this filter can achieve up to 99.9999% efficiency in specific conditions, it is important to note that filter efficiency alone does not guarantee cleanroom classification. Optimal cleanliness requires a holistic system approach, including controlled wind speed, proper air changes, and rigorous facility management.