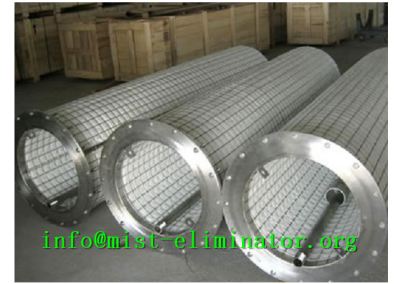
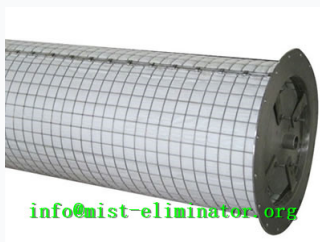


Fiber Bed Mist Eliminator for Gas Streams

Fiber bed mist eliminators capture aerosols from gas streams using a dense bed of fibrous material. The captured liquid coalesces within the fiber bed and drains away, preventing re-entrainment.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Mist Elimination

Fiber bed mist eliminators are high-performance filtration devices engineered to remove liquid droplets and particulate matter from gas streams. Utilizing dense layers of micron-sized fibers, these units capture aerosols through impaction, interception, and Brownian motion. They are the ideal solution for industrial processes generating fine droplets that exceed the capacity of standard composite mesh pads.

Technical Specifications

Filtration Mechanisms

- Impaction
- Interception
- Brownian Diffusion

Construction Materials

- Micron-size fibers
- Concentric cylindrical cages
- Stainless steel flanges
- Internal support structures

Available Designs

Energy Saver, High Efficiency, Field Pack

Application & Suitability

Target Industries

Chemical Processing • Oil and Gas • Power Generation

Key Benefits

- High removal efficiency for submicron particles
- Low-pressure drop
- Corrosion resistance
- Effective final control for high Hydrochloric Acid emissions