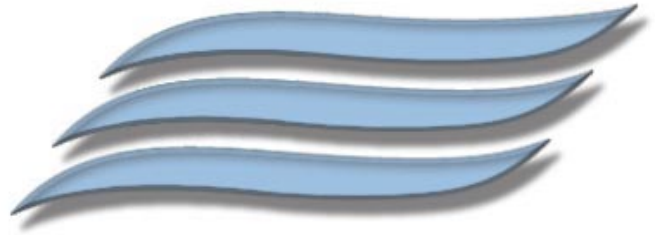


# **AER** Control Systems



AER Fiber Bed Mist Eliminator

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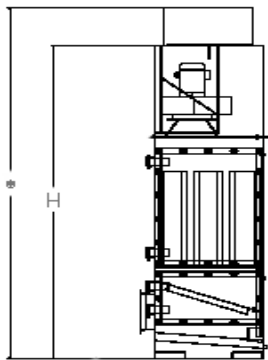
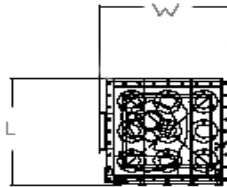
# AER Fiber Bed Mist Eliminator

## MAIN FILTER LIFE GUARANTEE - 5 YEARS

AER Controls Systems' Fiber Bed Mist Eliminators are designed to be 99.5% efficient for oil mist and smoke, and with a HEPA filter added, the unit is 99.97% efficient at 0.3 microns. The main filter has a guarantee for 5 years in our Fiber Bed Mist Eliminator. This could quite possibly go to 10 years on specific applications!

The Fiber Bed Mist Eliminator is a continuous duty collector that can effectively control mist and smoke from various manufacturing processes even the toughest applications that generate submicron particles like atomized mist. The unit incorporates a "true" fiber bed candle filter. The Fiber Bed Mist Eliminator can be used on a variety of applications including cold heading, electrical discharge machines, hot forging, parts washers. The Fiber Bed Mist Eliminator exceeds OSHA standards, being able to comply even when OSHA updates the standards.

The Fiber Bed Mist Eliminator comes in many airflows and sizes. A HEPA Filter can be offered as an option but is generally not required as the fiber bed filter is 99.5% efficient on particles less than 3 microns. For particles greater than 3 microns these filters are 100% efficient!



Model	Airflow (ACFM)	Dimensions	Motor HP
MMC-2500	2500 ACFM	34 x 34 x 127 H*	7.5 HP
MMC-3000	3000 ACFM	34 x 34 x 144 H*	7.5 HP
MMC-4000	4000 ACFM	34 x 68 x 114.5 H*	10 HP
MMC-5000	5000 ACFM	34 x 68 x 127 H*	15 HP
MMC-6000	6000 ACFM	34 x 68 x 144 H*	15 HP

\* add 13.5" to height for unit with HEPA module

## Features

- Long Filter Life - **Up to 10 Years**
- Pre-Filter section to protect main filters
- Airflows ranging from 2500 CFM to 6000 CFM
- Low maintenance and operating costs
- Efficiencies of **100%** for particles >3 microns
- Efficiencies of **99.5%** for particles <3 microns
- **99.97%** collection efficiency of airborne mist and smoke with optional HEPA filter
- Blower inside housing for quieter operation
- 10 gauge heavy duty construction
- Small footprint
- Easy to read pressure gauges
- Hinged doors for easy access
- Small filter footprint for ease of handling - no forklift required
- Blower discharge is either out top or side of unit for easy installation

## Options

- HEPA final filter rated for 99.97% at 0.3 microns
- Motor Starter and controls
- Autoflush system
- Sump Pump
- Stand for gravity drain
- Optional blower upgrades available for more static pressure