

DIVERSIFIED AIR SYSTEMS, INC.

# **MAXFLO™ FIBER BED** series *Mist/Smoke Collectors*

- **Collects oil smoke & mist**
- **Applications: grinding, turning, milling, EDM's, machining**
- **High filter separating efficiency & self-draining**
- **Filters designed for 24 hour a day operation**



- **Modular design**
- **Standard 300 CFM to 7200 CFM units, custom sizes available**
- **Filter efficiency 99.97% @ .3 micron**
- **Made in USA**

*Superior technology generating substantial operating savings*

## OUTSTANDING MAXFLO STANDARD FEATURES

MAXFLO-Fiber Bed mist & smoke collectors are designed to provide efficient cost effective control of mist and smoke contaminants generated from a variety of manufacturing and process applications. Typically used for control of moderate to heavy concentrations of wet contaminants. Our fiber bed series can be used on a variety of machines that generate mist and smoke. The fiber bed filters are designed to offer a nominal 2 year filter life. The MAXFLO Fiber Bed filter will provide lower maintenance and reduced replacement filter costs. The MAXFLO Fiber Bed will help with compliance to local OSHA regulations by drawing contaminants away from the operator's breathing zone and reduce emissions to an acceptable level.

The MAXFLO Fiber Bed mist and smoke collector comes standard with one or two stages of fiber bed filters. Standard is a TEFC motor with non-overloading direct drive blower, tool-less filter access door. Prefilter stages can be added depending on the type of contaminant to reduce the particulate loading.

Final HEPA filter section can provide 95% or 99.97% @ 0.3 micron efficiency.

Model	CFM	HP	WxDxH (in.)
MAX-A	300-1200	.75-5	26x25x80
MAX-1	1200	5	30x26x77
MAX-2	2400	7.5	60x26x77
MAX-3	3600	10	90x26x77
MAX-4	4800	10	60x54x86
MAX-6	7200	15	90x54x86

## FEATURES

- Airflows range from 300 to 7200 CFM depending on table and booth size and motor horsepower
- 99% @ 0.3 filter efficiency for fiber bed filters
- Inlet plenum for ductwork attachment and drain
- Heavy duty construction with Kelly Green industrial textured powder coat finish
- Direct drive backward inclined airfoil non-overloading fan
- Magnehelic filter change-out gauge

## OPTIONS

- Starter
- HEPA module with an efficiency of either 95% DOP or 99.97% @ 0.3 microns
- Carbon module for the removal of gas/vapors and odors
- Prefilter module depending on the type of mist and particulate
- Floor stand
- Silencers
- Large custom sized units



MAX-3 Fiber Bed Mist/  
Smoke Collector in  
custom color

Note: Specifications listed above may be modified to suit application. contact D.A.S. or representative for information.

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