

# STEALTH<sup>®</sup><sub>XM</sub>

## XM Series Mist Collector

Stealth XM micro mist collector:

0-600 cfm water soluble, washer and smoke applications.

0-300 cfm Oil and fine oils mist applications.

Unit comes standard with 3 stages of filtration.

Single machine applications.



### FEATURES AND BENEFITS

- Wide selection of filtration media options solves all your air filtration requirement.
- Exceeds OSHA clean air standard of (5mg/m<sup>3</sup>). In most cases you'll get better than (0.5mg/m<sup>3</sup>).
- Stand alone controls options Available.
- Custom designed leak proof ductwork assemblies.
- Sump pump options available.
- Easy to access filter compartments for quick and easy filter changes, reducing your downtime.
- Cleaner work environment for all your employees.
- Optional silencers available to reduce sound levels below 77dBA.
- Air purity levels allow for internal air discharge in plant.
- And much more...

### APPLICATIONS

**Machining, Drilling, Milling, Grinding, Turning, Broaching, Honing, and more!** Engineered to easily control a wide range of aerosols from FINE OIL to WATER SOLUBLE MISTS, PARTS WASHERS to PROCESS DUST and SMOKE.



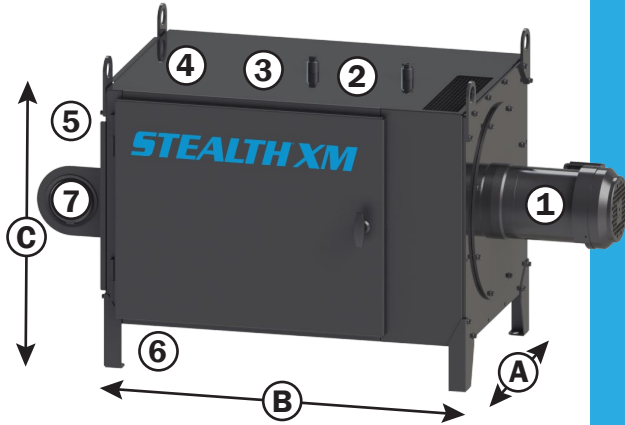
#### Do You Want Better Filtration?

Request Your Free Consultation & Quote Today

Office Phone: 248-427-9090

[info@fiiltrsystems.com](mailto:info@fiiltrsystems.com)

## MODERN MODULAR DESIGN



### 1) Blower Box

Utilizes high efficiency blowers to deliver airflow with minimum energy.

### 2) Final Filter Stage

Usually a long lasting HEPA filter, but can be tailored to meet your existing specifications.

### 3) Primary Filter Stage

Captures the majority of mist from the application up to efficiencies of 95% while preserving the lifespan of the final filters.

### 4) Mitigation Filter Stage

These Filters stops large particulate or high contaminate airflows, reducing the chance of premature plugging of your filter elements.

### 5) Plenum

The plenum slows down airflow, allowing maximum time for mist to be filtered through the media.

### 6) Legs

The XM can be floor mounted or hung from the ceiling. Both Standard on all XM models.

### 7) Control Package

The XM has a standard differential pressure gauge, shown here,

Airflow (CFM)	Dimensions (In.)			Inlet Dia. (in.)	Blower (hp.)	Weight (lbs.)	Filter Stages
	A	B	C				
Water: 0 - 600	19.0	50.0	28.0	4 - 8	0.75	205	3
Oil: 0 - 300	19.0	50.0	28.0	4 - 8	0.75	205	3

Standard configuration, single filter housing with 3 stages of filtration.

## FILTRATION PROCESS

### MITIGATION STAGE

#### Liquid and Solid Pre-Separation

Proprietary multi-layer construction.  
Low pressure drop for minimum energy use.  
Maximum primary filter stage life.  
Suitable for temps up to 350° F  
Washable.  
Recommended for applications with high loads and fine solids.

### PRIMARY STAGE

#### Advanced Fiber bed Technology Filters

Can achieve HEPA level efficiencies levels with maximum liquid reclamation.  
Long-life single use filters.  
Temps up to 190° F.  
Low pressure drop for minimum energy use.  
Suitable for all mist and MQL applications.

### FINAL STAGE

#### High Efficiency Final Filter

Low pressure drop for minimum energy use.  
Long-life single use.  
Low pressure drop for maximum energy efficiency.  
Recommended for in-plant air recycling.  
Multiple filter efficiencies available:  
95%, 99.75%, 99.97% and others.