

# STEALTH®

## XC Series Mist Collector

Stealth XC compact mist collector:

0-1,000 cfm Water soluble, washer and smoke applications.

0-600 cfm Oil and fine oils mist applications.

Configurable from 2 stages, 3 stages, or up to 4 stages of filtration are available.

Single machine application.



### 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.
- Easy to access filter compartments for quick and easy filter changes, reducing your downtime.
- Cleaner work environment for all your employees.
- An optional VFD for blower motor control lowers your energy costs while maximizing the effectiveness.
- Optional silencers available to reduce sound levels below 77dBA.
- Air purity levels allow for internal air discharge in plant.
- Sump pump options available.
- 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.

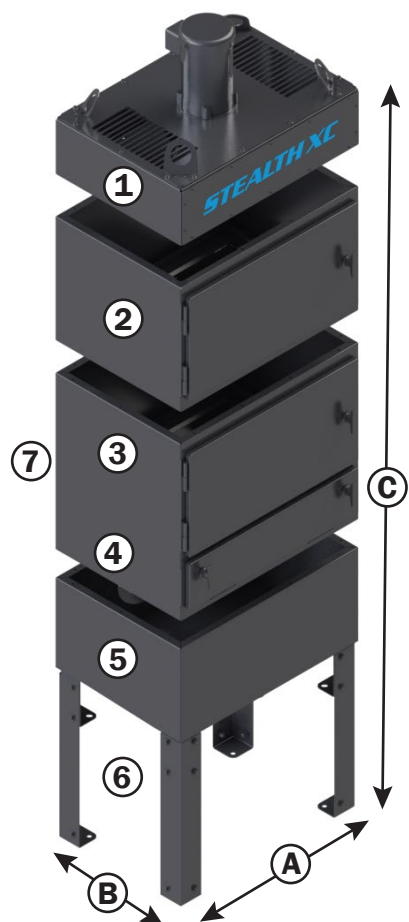


#### Do You Want Better Filtration?

Request Your Free Consultation & Quote Today

Office Phone: 248-427-9090

[info@fiiltrasystems.com](mailto:info@fiiltrasystems.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) Customizable Legs

The XC can be anchored to any surface. Standard 4" legs can be expanded with optional stilts.

### 7) Control Packages

The XC offers four levels of control package options. Control package not displayed on this unit.

Airflow (CFM)	Dimensions (In.)			Inlet Dia. (in.)	Blower (hp.)	Weight (lbs.)	Filter Stages
	A	B	C				
Water: 0-1000	27.5	20.0	92.5	6 - 10	1.5 - 7.5	450	3
Oil: 0-600	27.5	20.0	92.5	6 - 10	1.5 - 7.5	450	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.