

## Model 450 Mist Collector

### Model # SS-450-MIST

#### Product Specifications

##### BASE UNIT DIMENSIONS

22.5" Length, Including Control Box  
20" Width  
25.25" Height  
Inlet options 4", 5", 6", 10"

##### CABINET MATERIAL

16 ga. Carbon Steel

##### WEIGHT

Approx. 60 lbs. - 100 lbs.  
Varies Depending on Filter Media Installed

##### AIR VOLUME

Variable Speed Control Standard on 115V  
950 CFM High, Down to 50 CFM Low  
On/Off Toggle Switch Standard on 220V

##### ELECTRICAL

115/1/60, 10.7 amps  
220/1/50, 5.35 amps  
8' grounded power cord with NEMA 5-15P Plug

##### SOUND LEVEL

Approx. 72 dba @ 3'

##### FILTRATION

Pre-Filters

- Washable Mist Pre-Filter
- Activated Carbon Pre-Filter

Main Filter-Depending on the Application:

- HEPA [up to 99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [up to 95% efficient on particles 0.5 microns and larger]

##### WARRANTY

Limited six-month warranty from date of shipment for the fan/motor assembly. Limited two-year warranty from date of shipment on defects to parts/assembly due to materials or workmanship.  
PATENT #5,843,197



Dimensions are Approximate

#### Product Features

- Variable Speed Controller Included (115V only)
- Mounting Brackets Included
- Washable Mist Pre-Filter
- Reliable, Low Maintenance Operation
- Low Power Consumption
- Simple, Quick "No Tool" Filter Change
- Long Filter Life
- Optional Magnehelic Gage

The **Model 450 Mist Collector** is designed for mist collection on enclosed machinery and most commonly CNC mist elimination. In addition, this high-powered mist collector may be an excellent choice for other systems that produce synthetic coolant mist, water mist, and oil mist. This system allows for easy integration because of its small footprint and convenient mounting options [mounting brackets are included]. This system is typically flush-mounted to the top of CNC machines without major alterations to the machinery itself. This patented mist collector offers high efficiency, quiet operation, low power consumption, and minimal maintenance. No external exhausting or ducting is required with this recirculating mist eliminator.

The unique washable mist filter collects mist vapors and conveniently drains it back into the machinery itself and may be reusable depending upon the application. HEPA [up to 99.97% efficient on particles 0.3 microns and larger] and ASHRAE filtration media [95% efficient on particles 0.5 microns and larger] are also typical filter options for this system.

The **Model 450 Mist Collector** can provide an effective and economical solution for CNC machines, milling, grinding, and various other applications requiring mist collection. Three smaller models [SS-200-MIST & SS-300-MIST & SS-400-MIST] are also available.



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