

Model 450 Mist Collector

Model # SS-450-MIST



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% efficiency on particles 0.3 microns and larger] and **ASHRAE filtration media** [up to 95% efficiency 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 to provide mist collection for smaller machines.



Product Features

- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Mounting brackets
- Washable mist pre-filter
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change
- **Optional:** magnehelic gauge, hour counter



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate

Base Unit Dimensions	Length: 22.5" (w/control box) Width: 20" Height: 25.25"
Inlet Options	4", 5", 6", 10"
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs.
Air Volume (approximately)	High – 950 CFM Low – 50 CFM
Electrical	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (at 3' from inlet)	Approx. 72 dba (High)
Main Filter Options	Pre-Filters: Washable Mist Pre-Filter Activated Carbon Pre-Filter Main Filters: HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ASHRAE [up to 95% efficiency on particles 0.5 microns and larger]
Limited Warranty (From Date of Shipment)	Limited two year warranty on defects due to materials or workmanship. Limited six-month warranty on fan/motor assembly
Patent #	5,843,197



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