

MistBuster® 2000

Mist and Smoke Collector

Principles of Operation:

Polluted air is drawn through the first stage of mechanical mist impingers, designed to remove the larger mist droplets and particles. The remaining sub-micron mist droplets and particles are removed in the second stage of two side by side electrostatic precipitators (ESP). In this stage the contaminants are subjected to an intense electrical charge through ionization and then collected by the collector plates, working similar to magnets by attracting the charged particles. A third stage and optional fourth stage of ESP's collect any mist particles that may not have been captured by the first two stages of filtration.



STANDARD FEATURES

- Control circuitry included. Motor starter is not required
- Infinitely variable motor speed controller
- Patented selector switch for synthetic and water-based coolants or oil coolants
- Two power supplies for added reliability
- 10 foot cord with molded plug
- 3 year parts warranty

OPTIONAL ACCESSORIES

- Source capture plenum
- Direct mount kits for many popular machine tools
- HEPA Post filter
- Pedestal mounting kit
- Wall mounting kit
- Machine mount stand
- Ceiling mount kit
- Wall mount variable speed controller
- "M" code control allowing automatic variable speed settings

SPECIFICATIONS:

DIMENSIONS:	33"H x 26"W x 26.4"L
INLET OPENING:	16" x 20.75"
WEIGHT:	220 lbs. Installed* 260 lbs. Shipping* *Approximate
CABINET:	16 gauge welded steel cabinet with powder coated enamel finish
AIRFLOW:	1650 CFM @ .6" W.C.
EFFICIENCY:	Up to 99.9% efficiency on sub-micron particles
FILTRATION:	1 st Stage: 4" Aluminum mist impingers 2 nd Stage: Electrostatic Precipitators 3 rd Stage: Electrostatic Precipitators 4 th Stage: Optional Electrostatic Precipitators
POWER SUPPLY:	Self-regulating, dual voltage, solid state
MOTORIZED IMPELLER:	Backward curved, vibration-free, direct drive, Rated at 1950 CFM Maximum
POWER:	115 VAC, 60 Hz, single phase, 4 amps 240 VAC, 60 Hz, single phase, 2 amps
SOUND LEVEL:	69 dBA @ 3' (at max airflow)



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