

NEW!

MistBuster® 850 *Patented* Technology

Features & Specifications

PRINCIPLES OF OPERATION:

Polluted air is drawn through the first stage mechanical mist impingers. These impingers are designed to remove the larger mist droplets and particles. The remaining sub-micron particles are removed in the second and third stage electrostatic precipitator (ESP) sections.

To optimize efficiency, an aluminum post-filter entraps particles which may have been agglomerated on the cell plates. Clean air is then returned to the room.

STANDARD FEATURES:

- Motor starter and control circuitry included.
- Infinitely variable motor speed controller
- Dual power supplies, one for each stage
ESP provides increased collection efficiency as well as redundancy.
- Exclusive coolant selector switch
- 10-foot cord with molded plug
- 3-year parts warranty

OPTIONAL ACCESSORIES:

- Source capture plenum
- Direct mount kits for many popular machine tools.
- Add on HEPA, ESF or carbon modules.
- Pedestal mounting kit
- Wall mounting kit
- Machine mount stand
- Ceiling mount kit
- Optional wall mount variable speed controller
- Dacron prefilter



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SPECIFICATIONS:

DIMENSIONS:	23.5"H x 13.5"W x 25"L
INLET OPENING:	16.62" x 9.08"
WEIGHT:	91 lbs. installed 102 lbs. shipping weight
CABINET:	16-gauge welded steel cabinet with powder coated enamel finish
AIRFLOW:	Variable to 850 cfm
EFFICIENCY:	Up to 99.9% efficiency on submicron particles.
FILTRATION:	1 st Stage: 4" aluminum mist impingers 2 nd & 3 rd Stage: High efficiency ESP filters 4 th Stage: 1" aluminum mesh 5 th Stage: Optional HEPA or carbon
POWER SUPPLY:	Two self-regulating, dual voltage, solid state power supplies, one for each ESP cell.
MOTORIZED IMPELLER:	Backward curved, vibration-free, direct drive rated 850 CFM @ .7" H ₂ O.
POWER:	115 Vac, 60 Hz, single phase, 2 amps 240 Vac, 60 Hz, single phase, 1 amp
POWER CORD:	Ten-foot power cord with standard molded plug
SOUND LEVELS:	74 dBA @ 3' (at max airflow) 70 dBA @ 6' (at max airflow)



The MistBuster 850 with two high efficiency ESP filters and two power supplies offers increased efficiency and redundancy.