

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.



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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.
- Triple pass ESP
- 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 pre-filter.

SPECIFICATIONS:

DIMENSIONS:	28.75"H x 13.5"W x 25"L
INLET OPENING:	16.62" x 9.08"
WEIGHT:	99 lbs. installed 111 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 An optional third ESP is stage is available 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, 3.5 amps 240 Vac, 60 Hz, single phase, 1.75 amps
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 shown with optional 3rd stage ESP.

Further information:
BERRIMAN ASSOCIATES
1-800-480-3630
www.berriman.com

[Click for Operations Manual](#)



Manufacturer has a policy of continuing product improvement and reserves the right to make changes in design and specification without notice. * Double pass only.

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