

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 submicron 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.



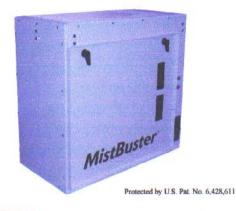
- Motor starter and control circuitry included.
- Infinitely variable motor speed controller Dual power supplies, one for each stage
- ESP provides increased collection efficiency as well as redundancy.
- Exclusive coolant selector switch
- 10-foot cord with molded plug
- · 3-year parts warranty

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



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



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:

1st Stage: 4" aluminum mist impingers 2nd & 3rd Stage: High efficiency ESP filters

4th Stage:

5th Stage:

1" aluminum mesh 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" H2O.

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)