

**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.
- 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.



The MistBuster 850 shown with optional 3<sup>rd</sup> stage ESP.



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## 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 <sup>st</sup> Stage: 4" aluminum mist impingers 2 <sup>nd</sup> & 3 <sup>rd</sup> Stage: High efficiency ESP filters An optional third ESP stage is available 4 <sup>th</sup> Stage: 1" aluminum mesh 5 <sup>th</sup> 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 <sub>2</sub> 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)



7140 Northland Drive North, Brooklyn Park, MN 55428-1520 USA

FAX: (763) 531-9900 EMAIL: info@air-quality-eng.com

WEB SITE: www.air-quality-eng.com TOLL FREE: 1-800-328-0787

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PN 51824 01/07