

# MistBuster® 500 Media Air Cleaner

## 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 particles are removed in the second stage consisting of a 95% polypropylene pleated media filter.



### STANDARD FEATURES:

- Control circuitry included. Motor starter is not required
- Infinitely variable motor speed controller
- 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
- Wall mount variable speed controller
- Dacron pre-filter
- "M" code control allowing automatic variable control settings

### SPECIFICATIONS:

DIMENSIONS: 18.4"H x 13.5"W x 25"L

INLET OPENING: 16.62" x 9.08"

WEIGHT: 71 lbs. Installed\*  
82 lbs. Shipping\*  
\*Approximate

CABINET: 16 gauge welded steel cabinet with powder coated enamel finish

AIRFLOW: Variable up to 500 cfm

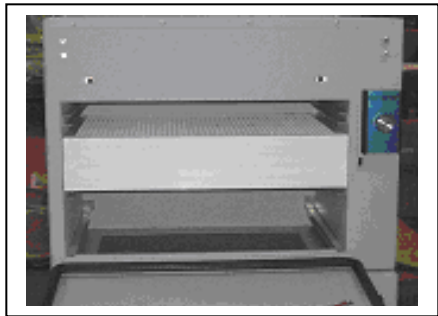
EFFICIENCY: Up to 95% efficiency on sub-micron particles

FILTRATION: 1<sup>st</sup> Stage: 4" aluminum mist impingers  
2<sup>nd</sup> Stage: 95% efficient pleated filter.  
3<sup>th</sup> Stage: 1" aluminum mesh  
4<sup>th</sup> Stage: Optional HEPA or Carbon

MOTORIZED IMPELLER: Backward curved, vibration-free, direct drive rated at 500 CFM @ 2.0" W.C.

POWER: 115 VAC, 60 Hz, single phase, 3.5 amps  
240 VAC, 60 Hz, single phase, 1.75 amps

SOUND LEVELS: 74 dBA @ 3' (at max airflow)  
70 dBA @ 6' (at max airflow)



The MistBuster 500 Media inside view with 95% filter shown in place.



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