



An electrostatic precipitation air cleaning system for the The Range and removal of mist, smoke and metal particles produced by machine tool operations. In the MistBuster® family of products, the system supplies a lower spindle speed and coolant pressure (0–600 PSI).

The MistBuster® 500 three-stage air filtration system features Air Quality Engineering, Inc.'s patented Advantage™ electronic collector cell and a collection efficiency of up to 97.8% on all submicron particles. Airflow is variable and controllable up to 500 CFM. Easily switch between watersoluble or oil-based machine tool coolants using Air Quality Engineering, Inc.'s patented variable voltage coolant selector.



Machining applications

- Metal machining
- Grinding/polishing
- EDM mist collectors

Specifications

Airflow	Variable to 500 CFM	
Cabinet	16 gauge steel cabinet with powder coated chemical resistant baked enamel, available in grey textured finish	
Power Input	115 VAC, 60 Hz, 1 ph, 2.5 A 240 VAC, 60 Hz, 1 ph, 1.25 A 460 VAC, 60 Hz, 1 ph, 0.63 A (connects to 2 legs of 460 VAC, 3 ph)	
Efficiency	Ultimate efficiency up to 97.8% on all submicron particles as measured by independent lab test in accordance with ASHRAE standard 52.2 at 500 CFM	
Filtration Stages	<p>1st Stage: 4" aluminum mesh impinger</p> <p>2nd Stage: AQE Advantage™ electronic cell (long life)</p>	<p>3rd Stage: Optional HEPA filter 99.97% efficiency, ESF filter, or carbon module</p>
Features and Benefits	<ul style="list-style-type: none"> • Energy-efficient, self-regulating, dual-voltage, solid-state power supply • Patented water/oil coolant selector for a wider range of application compatibility • Patented electronic cell design that helps decrease service intervals • ErP-compliant, backward-curved, vibration-free, direct drive motorized impeller rated at 500 CFM @ 1.3" w.g. provides energy-efficient operation and increased performance to save on operating costs while performing well with increased airflow resistance from post filter or long duct lengths 	<ul style="list-style-type: none"> • Ten-foot power cord with molded plug • Quick-release, quarter-turn fasteners for fast, easy side-panel electrical compartment access reduces service and repair time • Door and gasket profile increases door-to-seal contact to prevent leakage and pooling of coolant inside of door • Door-latch spacers prevent over-compression of the gasket and increase gasket life

Air Quality Engineering, Inc. stands behind the quality of its MistBuster® product line with a limited 36-month warranty. Specifications subject to change without notice

Specifications

Dimensions 690mm L x 355mm W x 440mm H

Inlet Opening 425mm x 230mm

Weight 30Kg

Accessories Machine mount stand | Pedestal stand
Ceiling mount kit | Wall mount kit

Plenum | Diffuser | HEPA post filter
ESF post filter | Carbon module

Specifications subject to change without notice

Dimensions*

