



An electrostatic precipitation air cleaning system for the source collection 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 water-soluble 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

CE Compliant

Specifications

Airflow	Variable to 500 CFM	
Cabinet	16 gauge steel cabinet with powder coated chemical resistant baked enamel, available in ivory or gray 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	1st Stage: 4" aluminum mesh impinger 2nd Stage: AQE Advantage™ electronic cell (long life)	3rd Stage: Optional HEPA filter 99.97% efficiency, ESF filter, or carbon module
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	

This unit is to be used exclusively for source control in industrial applications in California.

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

Dimensions	Cabinet: 27.10"L x 14.00"W x 17.16"H	
Inlet Opening	16.62" x 9.08"	
Weight	65 lbs. installed; 76 lbs. shipping (capable of being shipped via UPS)	
Accessories	Machine mount stand Pedestal stand Ceiling mount kit Wall mount kit	Plenum Diffuser HEPA post filter ESF post filter Carbon module

Dimensions*

