



An electrostatic precipitation air cleaning system for the The Range and removal of smoke, mist and metal particle contaminants produced from machine tool coolant fluids. In the MistBuster® family of products, the system supplies a higher spindle speed and coolant pressure (600–1,500 PSI).

The MistBuster® 850 five-stage air filtration system features Air Quality Engineering, Inc.'s patented Advantage™ electronic collector cell and one or two high-efficiency electronic collector cells. The electronic collector cells provide a collection efficiency up to 99.4% on all submicron particles. An optional fifth-stage HEPA filter offers filtration efficiency up to 99.97%. Airflow is variable and controllable up to 850 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
- EDM mist collectors
- Grinding/polishing

Specifications

Airflow	Variable to 850 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, 4.3 A 240 VAC, 60 Hz, 1 ph, 2.15 A 460 VAC, 60 Hz, 1 ph, 1.08 A (connects to 2 legs of 460 VAC, 3 ph)	
Efficiency	Ultimate efficiency up to 99.4% on all submicron particles as measured by independent lab test in accordance with ASHRAE standard 52.2 at 750 CFM	
Filtration Stages	<p>1st Stage: 4" aluminum mesh impinger</p> <p>2nd Stage: AQE Advantage™ electronic cell (long life)</p> <p>3rd Stage: MistBuster® electronic cell (high efficiency)</p>	<p>4th Stage: Optional MistBuster® electronic cell (high efficiency)</p> <p>5th Stage: Optional HEPA filter 99.97% efficiency, ESF filter, or carbon module</p>
Features and Benefits	<ul style="list-style-type: none"> • Two energy-efficient, self-regulating, dual-voltage, solid-state power supplies • 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 850 CFM @ 1.1" 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 • 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 698mm H

Inlet Opening 425mm x 230mm

Weight 45kg

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

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

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Dimensions*

