



An electrostatic precipitation air cleaning system for the source collection 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

CE Compliant

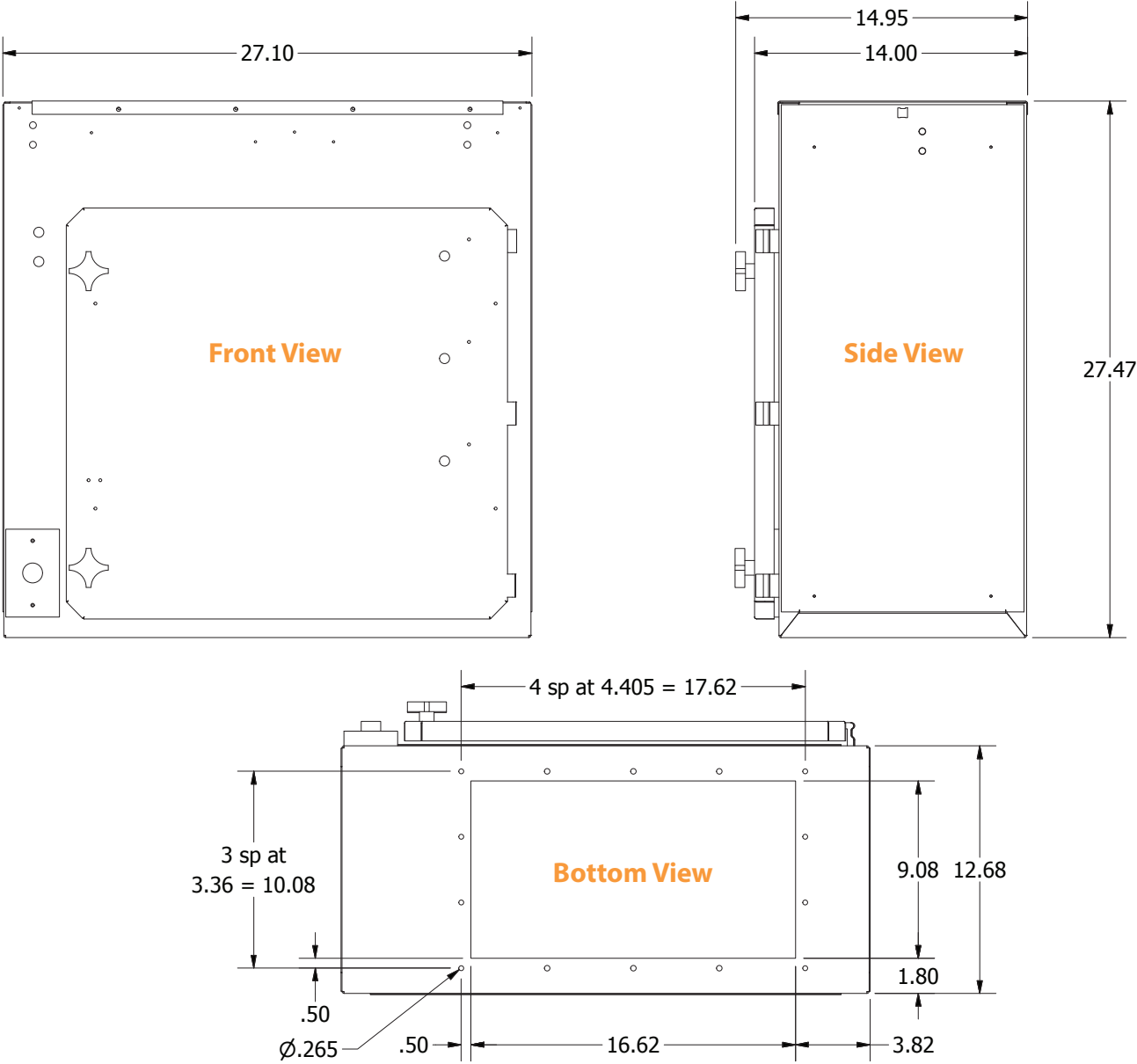
Specifications

Airflow	Variable to 850 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, 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	1st Stage: 4" aluminum mesh impinger 2nd Stage: AQE Advantage™ electronic cell (long life) 3rd Stage: MistBuster electronic cell (high efficiency)	4th Stage: Optional MistBuster electronic cell (high efficiency) 5th Stage: Optional HEPA filter 99.97% efficiency, ESF filter, or carbon module
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	

Specifications continued		
Dimensions	Cabinet: 27.10"L x 14.00"W x 27.47"H	
Inlet Opening	16.62" x 9.08"	
Weight	99 lbs. installed; 111 lbs. shipping (2 cells) 113 lbs. installed; 125 lbs. shipping (3 cells)	
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*



*All measurements in inches