

## Model 500/550 Industrial Air Cleaner - Micro-Pleat Series 1



*Model # SS-500/550-BU-MP1*

This **Model 500/550 Air Cleaner with Micro-Pleat Filters** provides air filtration for applications such as *welding, grinding, powder weighing, and dust collection*. The **Model 500/550 Air Cleaner** provides up to 1,100 CFM/1,400 CFM of air volume and is built for heavy-duty fume extraction and air filtration.

This system features four cleanable **Micro-Pleat Series 1 Particulate Filters** that offer the ability to clean the filters with compressed air without removing them from the unit's chassis. The operator simply sprays compressed air into the filter media for cleansing while excess dust and waste fall into the internal dustpan, allowing for easy and clean debris removal. Other filter options include four **HEPA** non-cleanable filters, four 42 lb disposable **Activated Carbon Filters**, and four 42 lb **Specialty Blended Filter Media** (acid gas, ammonia, aldehyde, and mercury).

This unit includes a Magnehelic Gauge to monitor the saturation of the filters. As the filters become saturated, the static pressure increases and the digital readout will display this increase in pressure. Once the pressure reaches a certain point, the filters will need to be cleaned.

This portable system requires no exterior-ducting or makeup air. Heavy-duty locking casters and a variety of extraction arm options make this fume extractor a helpful solution for applications that require a powerful respiratory engineering control with maneuverability.



*Model 500/550 Activated Carbon Air Cleaner*



*Shown with ductwork (not included) for chemical extraction from multiple fume hoods.*

### Product Features

- **Includes:** variable speed controller (115V only), Magnehelic Gauge, integral dust pan assembly, heavy-duty casters, and portability handles
- **Optional:** 6" or 10" diameter inlet collar, and a variety of arm choices available
- Reliable, low maintenance option
- Cleanable filters
- Long filter life
- No exterior ducting required or makeup air
- Simple, quick "no tool" filter change



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# Cleanable Media Fume Extractor

## Product Specifications



Dimensions are approximate.



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Base Unit Dimensions	<b>Length:</b> 30" <b>Width:</b> 30" <b>Height:</b> 42.5"
Cabinet Material	16 Ga. cold rolled steel
Weight (approximately)	220 lbs with clean filters
Air Volume (approximately)	<b>500:</b> Up to 1,100 CFM <b>550:</b> Up to 1,400 CFM
Electrical	<b>500:</b> 115/1/60, 2.5 amps 220/1/50, 1.5 amps <b>550:</b> 115/1/60, 10.7 amps 220/1/50, 5 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	<b>500:</b> Approx. 65 dba <b>550:</b> Approx. 72 dba
Main Filter Options	(4) Cleanable <b>Micro-Pleat Series 1 Particulate Filters</b> (MERV 13) (4) <b>HEPA Filters</b> (up to 99.97% efficiency on particles down to 0.3 microns) Non-Cleanable (4) <b>42 lb. Activated Carbon Filters</b> (4) <b>42 lb Specialty Blended Filter Media</b> (acid gas, ammonia, aldehyde, and mercury)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship. <b>550:</b> Limited six-month warranty for fan/motor.
US Patent	#61,563,228 Pending