

## Model 500/550 Industrial Air Cleaner



Model # SS-500/550-BU-MP1/240CF/HEPA

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 voluminous air volume 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 (MP1 & HEPA models only). 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 (MP1) or replaced (HEPA).

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.



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

### Product Features

- **Includes:** Variable Speed Controller, Magnehelic Gauge (MP1 & HEPA only), integral dust pan assembly, heavy-duty casters, and portability handles
- **Optional:** 6" or 10" diameter inlet collar, and a variety of arm choices available
- **Filter Choices:** Micro-Pleat cleanable filters, HEPA filters, Activated Carbon filters, or specialty-blended filter media
- Reliable, low maintenance option
- Cleanable filters with a 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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<b>Base Unit Dimensions</b>		30" L x 30" W x 42.5" H			
<b>Cabinet Material</b>		16 Ga. cold rolled steel			
<b>Weight (approximately)</b>		220 lbs with clean filters			
<b>Air Volume (Max CFM)*</b>	<b>Filter</b>	MP1	HEPA	Carbon	HEPA/Carbon
	<b>500</b>	1,045	936	902	884
	<b>550</b>	1,614	1,570	1,533	1,420
<b>Electrical</b>		<b>500:</b> 115/1/60, 2.5 amps 220/1/50, 1.5 amps  <b>550:</b> 115/1/60, 5.7 amps 8' grounded power cord with NEMA 5-15P plug			
<b>Sound Level (High at 3' from inlet)</b>		<b>500:</b> Approx. 65 dba <b>550:</b> Approx. 70 dba			
<b>Main Filter Options</b>		(4) Cleanable <b>Micro-Pleat Series 1 Particulate Filters</b> (MERV 15)  (4) <b>HEPA Filters</b> (up to 99.97% efficiency on particles down to 0.3 microns) <i>Non-Cleanable</i>  (4) <b>42 lb. Activated Carbon Filters</b>  (4) <b>42 lb Specialty-Blended Filter Media</b> [acid gas, ammonia, aldehyde, and mercury]			
<b>Warranty</b>		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.			
<b>US Patent</b>		#61,563,228			

\*Airflow values tested in-house. Actual airflow may vary.