

## Model 500/550 Dual Industrial Fume Extractor - 10' Heavy-Duty Arms



*Model # SS-500/550-D10FA-MP1/240CF/HEPA*

The **Model 500/550 Dual Industrial Fume Extractor** provides fume extraction for heavy-duty and high volume applications for multiple operators such as *production welding (MIG, TIG, stick, plasma cutting), grinding, powder weighing, classroom settings, soldering and brazing stations, some dust collection applications, and more.*

The powerful blower assembly provides a powerful airflow, while the two 10' long HD Extractor Arms offer exceptional reach and hold for precise fume source capture. With the total reach of 20' from side to side, this unit can easily access dual operator stations.

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 (MP1 & HEPA filters only) 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 (MP1) or replaced (HEPA).

For easy mobility around the shop, the **Model 500/550 Dual Industrial Fume Extractor** features forklift legs that allow the operators to transport the system with ease if necessary. The primarily stationary unit, if desired, can be permanently bolted to the shop floor. For applications that do not require as much airflow, an included Variable Speed Controller can help reduce and control the airflow rates. This would be helpful in applications where shielding gases are critical. Also, a model with dual 7' Heavy-Duty Extractor Arms [SS-500/550-HFAD-MP1] is available for smaller shops.



*Model 500/550 Dual Industrial Fume Extractor with 10' Heavy-Duty Arms*



*This powerful fume extractor can help protect two operators from fumes for heavy-loading applications.*



### Product Features

- **Includes:** Variable Speed Controller, Magnehelic Gauge (HEPA & MP1 models only), forklift legs for easy transport, and (2) 10' L Heavy-Duty Extractor Arms
- **Filter Choices:** Micro-Pleat cleanable filters, HEPA filters, Activated Carbon filters, or specialty-blended filter media
- Filter media tested with hexavalent chromium
- Long filter-life
- No exterior ducting required or makeup air
- Simple, quick "no tool" filter change



21221 FM 529 Rd, Cypress, TX 77433  
1.800.799.4609 • sales@sentryair.com

[www.sentryair.com](http://www.sentryair.com)

# Cleanable Media Fume Extractor

## Product Specifications



Dimensions are approximate.



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<b>Base Unit</b>		30" L x 30" W x 42.5" H			
<b>Arm Dimensions</b>		7" Diameter (2) 10' L Heavy-Duty Arms			
<b>Arm Material</b>		<b>Rigid segment:</b> Aircraft-grade aluminum, 7" diameter <b>Flexible segment:</b> Black Flex Sentry hose Flame-retardant <b>Capture Hood:</b> 10.5" round hood			
<b>Cabinet Material</b>		16 Ga. cold rolled steel			
<b>Weight (approximately)</b>		<b>500:</b> 345 lbs with filters <b>550:</b> 360 lbs with filters			
<b>Air Volume (Max CFM)*</b>	<b>Filter</b>	MP1	HEPA	Carbon	HEPA/Carbon
	<b>500</b>	364	357	341	334
	<b>550</b>	432	421	408	403
<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			

\*Calculated airflow shown per arm. Actual airflow may vary.