

Model 500/550 Dual Industrial Fume Extractor - 7' Heavy-Duty Arms



Model # SS-500/550-HFAD-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.*

This particular configuration has dual 7' L and 7" diameter heavy-duty source capture arms with a 10.5" capture hood and 360° swivel radius. Made of aircraft-grade aluminum and flexible segments of flame-retardant hose, the dual heavy-duty extractor arms outfit the **Model 500/550 Dual Industrial Fume Extractor** to provide fume and particulate control for high intensity industrial applications with multiple operators.

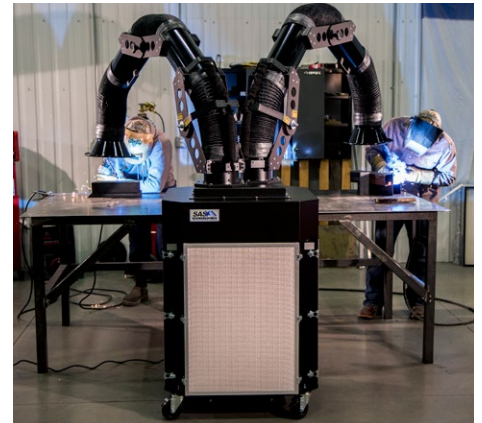
This system features four cleanable **Micro-Pleat Series 1 Particulate Filters** that offer the ability to clean the filters with compressed air without removing them from the unit's chassis. The operator simply sprays compressed air into the filter media for cleansing while excess dust and waste fall 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 models 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).

The **Model 500/550 Dual Industrial Fume Extractor** requires no exterior-ducting or makeup air. Heavy-duty locking casters and dual flexible extraction arms make this fume extractor a great solution for applications with multiple operators that require a powerful respiratory engineering control with maneuverability. For a wider range of fume capture, Sentry Air Systems offers dual 10' Heavy-Duty Extractor Arms [SS-500/550-D10FA-MP1].



Model 500/550 Dual Industrial Fume Extractor with 7' Heavy-Duty Arms



The 7' Heavy-Duty arms are easy to move for capturing fumes at the source.



Product Features

- **Includes:** Variable Speed Controller, Magnehelic Gauge (MP1 & HEPA models only), heavy-duty casters, portability handles, and (2) 7' L Heavy-Duty Extractor Arms with 180° rotation
- **Filter Choices:** Micro-Pleat cleanable filters, HEPA filters, Activated Carbon filters, or specialty-blended filter media
- Reliable, low maintenance option
- Long filter-life with a 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		30" L x 30" W x 42.5" H			
Arm Dimensions		(2) 7" Diameter, 7' L Heavy-Duty Arms			
Arm Material		Rigid segment: Aircraft-grade aluminum, 7" diameter Flexible segment: Black Flex Sentry™ flame-retardant hose Capture Hood: 10.5" round powder coat aluminum hood			
Cabinet Material		16 Ga. cold rolled steel			
Weight (approximately)		500: 345 lbs with filters 550: 360 lbs with filters			
Air Volume (Max CFM)*	Filter	MP1	HEPA	Carbon	HEPA/Carbon
	500	389	381	364	356
	550	478	465	449	443
Electrical		500: 115/1/60, 2.5 amps 220/1/50, 1.5 amps 550: 115/1/60, 5.7 amps 8' grounded power cord with NEMA 5-15P plug			
Sound Level (High at 3' from inlet)		500: Approx. 65 dba 550: Approx. 70 dba			
Main Filter Options		(4) Cleanable Micro-Pleat Series 1 Particulate Filters (MERV 15) (4) HEPA Filters (up to 99.97% efficiency on particles down to 0.3 microns) <i>Non-Cleanable</i> (4) 42 lb Activated Carbon Filters (4) 42 lb Specialty-Blended Filter Media [acid gas, ammonia, aldehyde, and mercury]			
Warranty		Limited two-year warranty from date of shipment on defects due to materials or workmanship. 550: Limited six-month warranty for fan/motor.			
US Patent		#61,563,228			

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