Model 500/550 Industrial Welding Fume Extractor - 10' Heavy-Duty Arm

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

The **Model 500/550 Industrial Welding Fume Extractor** provides fume extraction for heavy-duty welding applications such as *MIG, TIG, Stick, Plasma Cutting,* as well as associated applications like *light grinding and some dust collection.*

This powerful air filtration system provides a voluminous amount of air volume with a 10' L and 7" diameter heavy-duty source capture arm with a 10.5" capture hood. Made of aircraft grade aluminum and flexible segments of flame-retardant hose, the heavy-duty extractor arm outfits the **Model 500/550 Industrial Welding Fume Extractor** to provide fume and particulate control for high volume welding applications.

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 filters' saturation (MP1 & HEPA 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.

The **Model 500/550 Industrial Welding Fume Extractor** requires no exterior-ducting or makeup air. Heavy-duty locking casters and a flexible extraction arm make this fume extractor a great solution for welding and metal fabrication shops, large scale factories and other locations with welding fumes. Not only does this unit help protect the welder's respiratory zone from hazardous fumes, but its construction and operation features also offer a host of benefits.

Product Features

- Includes: Variable Speed Controller, Magnehelic Gauge (MP1 & HEPA models only), heavy-duty casters, portability handles, and 10' L Heavy-Duty Extractor Arm (360° rotation)
- Filter Choices: Micro-Pleat cleanable filters or HEPA filters
- · Filter media tested with hexavalent chromium
- No exterior ducting required or makeup air
- Long filter-life with a simple and quick "no tool" filter change



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Model 500/550 Industrial Welding Fume Extractor with 10' Heavy-Duty Arm

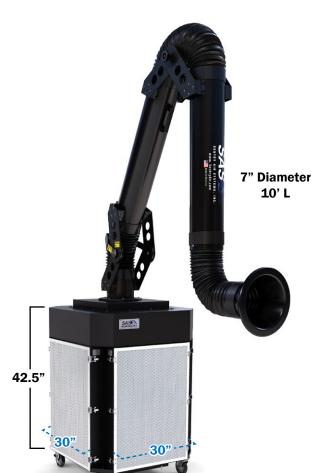


The 10' arm and capture hood allows the operator to capture most of the fumes and particulate close to the source.





21221 FM 529 Rd, Cypress, TX 77433 1.800.799.4609 • sales@sentryair.com Cleanable Media Fume Extractor



Dimensions are approximate.



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Base Unit		30" L x 30" W x 42.5" H			
Arm Dimensions		7" Diameter, 10' L			
		Heavy-Duty Arm			
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		240 lbs without filters			
(approximately)		332 lbs with filters			
Air Volume (Max	Filter	MP1	HEPA	Carbon	HEPA/ Carbon
	500	728	714	683	669
CFM)*	550	864	842	816	806
Electrical		500: 115/1/60, 2.5 amps 220/1/50, 1.5 amps			
		550:	, 00, 1.	o ampo	
		115/1	/60, 5.	7 amps	
		8' grounded power cord			
		with NEMA 5-15P plug			
Sound Level		500: Approx. 65 dba			
(High at 3' from inlet)		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) Non-Cleanable			
		(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. Actual airflow may vary.