

## Model 500/550 Python Industrial Fume Extractor - 12' Python Hose



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

The **Model 500/550 Python Industrial Fume Extractor** provides fume extraction for heavy-duty, high-volume applications such as *welding (MIG, TIG, stick, plasma cutting), grinding, powder weighing, some dust collection applications, solder, and brazing work stations.* The 12' long flexible Python hose with a 6" diameter offers powerful suction ideal for fume control in confined spaces or where external ducting is not possible. The magnetic capture hood allows the operator to secure the hose inlet to metal surfaces in hard-to-reach places.

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-to-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 units 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 Python Industrial Fume Extractor** serves as a portable fume control device that requires no external ducting or makeup air. Heavy-duty, locking casters allow mobility providing a great solution for applications that require a powerful respiratory engineering control with easy maneuverability. This system is also available with multiple operator configurations of dual [SS-500/550-PYTD-MP1] and quad python hose options.



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The operator placed the capture hose of the Python Industrial Fume Extractor close to his workstation to help capture particulate.

### Product Features

- **Includes:** Variable Speed Controller, Magnehelic Gauge (MP1 & HEPA units only), heavy-duty casters, portability handles, magnetic capture hood, and 12' L x 6" flexible python hose with 360° rotation
- **Optional:** 25' hose, and dual arm configuration
- **Filter Choices:** Micro-Pleat cleanable filters, HEPA filters, Activated Carbon filters, or specialty-blended filter media
- Reliable, low maintenance operation
- Simple "no tool" filter change
- No exterior ducting required or makeup air



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# 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>		6" Diameter x 12' Long <i>Optional: 25' Long</i>			
<b>Arm Material</b>		Flexible flame-retardant Python hose with black magnetic capture hood with handle			
<b>Cabinet Material</b>		16 Ga. carbon steel			
<b>Weight (approximately)</b>		<b>Without Filters:</b> 190 lbs <b>With Filters:</b> 282 lbs			
<b>12' Python Arm</b>					
<b>Air Volume (Max CFM)*</b>	<b>Filter</b>	MP1	HEPA	Carbon	HEPA/Carbon
	<b>500</b>	516	506	494	490
	<b>550</b>	638	618	597	576
<b>25' Python Arm</b>					
<b>Air Volume (Max CFM)*</b>	<b>Filter</b>	MP1	HEPA	Carbon	HEPA/Carbon
	<b>500</b>	363	358	352	349
	<b>550</b>	384	377	368	360
<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 for 12' tested in-house. Calculated figures shown for 25' arm. Airflow may vary.