

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



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

The **Model 500/550 Dual 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 two 12' long flexible Python hoses with a 6" diameter offer powerful suction ideal for fume control in confined spaces or where external ducting is not possible. The magnetic capture hood allows the operator(s) to secure the hose inlet to metal surfaces in hard-to-reach places.

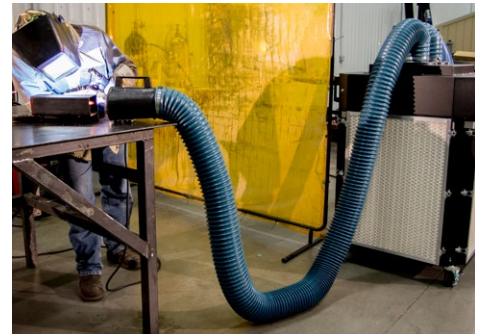
This system features four cleanable **Micro-Pleat Series 1 Particulate Filters** that offer the ability to clean the filters with compressed air without removing them from the unit's chassis. The operator simply sprays compressed air into the filter media for cleansing while excess dust and waste fall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

This unit includes a Magnehelic Gauge (MP1 & HEPA models only) to monitor the filters' saturation. 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 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 with multiple operators that require a powerful respiratory engineering control with easy maneuverability. This system is also available with a single [SS-500/550-PYT-MP1] or quad python hose configuration.



*Model 500/550 Dual Python Industrial Fume Extractor*



*Dual operators utilizing the Dual Python Industrial Fume Extractor to help protect themselves from particulate and fumes.*

### Product Features

- **Includes:** Variable Speed Controller, Magnehelic Gauge (MP1 & HEPA units only), heavy-duty casters, portability handles, magnetic capture hood, and (2) 12' L x 6" flexible python hoses with 360° rotation
- **Optional:** 25' hose and single hose 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



*As an option, the 25' python hose provides flexibility for reaching multiple operators in larger welding work areas.*



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# Cleanable Media Fume Extractor

## Product Specifications



Dimensions are approximate.

<b>Base Unit</b>		30" L x 30" W x 42.5" H							
<b>Arm Dimensions</b>		(2) 6" Diameter x 12' Long; <b>Optional:</b> 25' Long							
<b>Arm Material</b>		Flexible flame-retardant Python hose 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>Arm Length</b>		<b>Dual 12' Python Hoses</b>				<b>Dual 25' Python Hoses</b>			
<b>Air Volume (Max CFM)*</b>	<b>Filter</b>	MP1	HEPA	Carbon	HEPA/Carbon	MP1	HEPA	Carbon	HEPA/Carbon
	<b>500</b>	258	253	247	245	181	179	176	174
	<b>550</b>	319	309	298	288	192	188	184	180
<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. Airflow may vary.



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