

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



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

The **Model 500/550 Python Industrial Chemical Fume Extractor** helps remove most of the chemical fumes from the air for industrial applications in order to help provide operator and environmental protection. The 12' long flexible Python hose with a 6" diameter provides powerful suction for fume removal. The magnetic capture hood allows the operator to secure the hose inlet to metal surfaces in hard-to-reach places. This unique portable unit provides voluminous amounts of Activated Carbon filtration to allow operators to have access to a large amount of filtration in a confined or isolated work area where external ducting is not possible.

The four 42 lb **Activated Carbon Filters**, equipped in this system, are designed for the *chemical fume removal in industrial applications producing volatile organic compounds including gluing, painting, applying varnishes and epoxies, printing, 3-D printing, and using cleaning products, solvents, or acetone.*



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**Activated Carbon Filters** capture fumes utilizing the millions of pores on the pieces of carbon. The large surface area created from the pores allows the carbon to adsorb compounds in the air to remove the contaminant. Adsorption occurs when the pollutant sticks to the outside of the carbon. Once the filters become saturated, the operator must properly dispose of the carbon and refill the filter frames with *Sentry Air Systems Activated Carbon*. The refillable filter frames allow for easy filter replacement and low cost maintenance. **Specialty-blended filter media** may also be utilized with this unit including *acid gas, mercury, aldehyde, and ammonia* filters.

The **Model 500/550 Python Industrial Chemical 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 multiple operator configurations of dual and quad python hose options. A Variable Speed Controller is standard with this unit.

*The Model 500/550 is also available with cleanable Micro-Pleat Particulate Filters [SS-500/550-PYT-MP1] for applications such as welding, grinding, powder weighing, and dust collection.*

### Product Features

- **Includes:** Variable Speed Controller (115V only), heavy-duty casters, a magnetic capture hood, and (1) 12' L x 6" flexible python hose with 360° rotation capability
- **Optional:** 25' hose, and dual or quad hose configurations
- Reliable, low maintenance operation
- Refillable Activated Carbon filter frames
- "No tool" filter change with no exterior ducting required or makeup air



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# Chemical Fume Control

## Product Specifications



Dimensions are approximate.



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Base Unit		30" L x 30" W x 42.5" H	
Arm Dimensions		6" Diameter x 12' Long <b>Optional:</b> 25' Long	
Arm Material		Flexible flame-retardant Python hose with black magnetic capture hood with handle	
Cabinet Material		16 Ga. carbon steel	
Weight (approximately)		<b>Without Filters:</b> 190 lbs <b>With Filters:</b> 430 lbs	
12' Python Arm			
Air Volume (Max CFM)*	Filter	Carbon	HEPA/Carbon
	500	494	490
	550	597	576
25' Python Arm			
Air Volume (Max CFM)*	Filter	Carbon	HEPA/Carbon
	500	352	349
	550	368	360
Electrical		<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	
Sound Level (High at 3' from inlet)		<b>500:</b> Approx. 65 dba <b>550:</b> Approx. 70 dba	
Main Filter Options		(4) 42 lb <b>Activated Carbon Filters</b> (efficiency varies), 168 lbs total (4) <b>42 lb Specialty-Blended Filter Media</b> [acid gas, ammonia, aldehyde, and mercury]	
Warranty		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.	
US Patent		#61,563,228	

\* Airflow for 12' tested in-house. Calculated figures shown for 25' arm. Airflow may vary.