

## Model 500/550 Industrial Chemical Fume Extractor with Activated Carbon Filtration



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

The **Model 500/550 Python Industrial Chemical Fume Extractor** removes chemical fumes from the air for industrial applications in order to provide operator and environmental protection. The 12' long flexible Python hose with a 6" diameter provides powerful suction for fume removal with the air volume up to 375/490 CFM (cubic feet per minute). 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 24 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.*

**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 allows for easy filter replacement and low cost maintenance. **Specialty-blended filtration** media may also be utilized with this unit and includes *Acid Gas, Mercury, Aldehyde, and Ammonia* filters.

The **Model 500 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 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 Particulate Filters for applications such as welding, grinding, powder weighing, and dust collection.*



### Product Features

- Variable speed controller (115V only)
- Reliable, low maintenance operation
- Refillable carbon filter frames
- "No tool" filter change
- No exterior ducting required or makeup air
- Heavy-duty casters
- 12' L x 6" flexible python hose
- Magnetic capture hood
- 360° rotating source capture hose
- Dual or quad hose options available



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# Chemical Fume Control

## Product Specifications

MADE IN THE USA



SINCE 1983



6" Diameter  
12' L

Dimensions are approximate



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<b>Base Unit Dimensions</b>	<b>Length:</b> 30" <b>Width:</b> 30" <b>Height:</b> 42.5"
<b>Arm Dimensions</b>	6" Diameter x 12' Long
<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> 430 lbs
<b>Air Volume (approximately)</b>	<b>500:</b> Up to 355 CFM <b>550:</b> Up to 490 CFM
<b>Electrical</b>	<b>500:</b> 115/1/60, 2.5 amps 220/1/50, 1.5 amps <b>550:</b> 115/1/60, 10.7 amps 220/1/50, 5 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	<b>500:</b> Approx. 65 dba (High) at 3' from inlet <b>550:</b> Approx. 72 dba (High) at 3' from inlet
<b>Main Filter Options</b>	(4) 42 lb Activated Carbon Filters (efficiency varies), 168 lbs total
<b>Warranty (From Date of Shipment)</b>	Limited two-year warranty on defects due to materials or workmanship.
<b>US Patent</b>	#61563228 Pending