

Model 500/550 Python Industrial Fume Extractor - Micro-Pleat Series 1



Model # SS-500/550-PYT-MP1

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 with the air volume up to 430/655 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 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.

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 Carbon Filters**.

This unit includes a Magnehelic Gage 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.

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 and quad python hose options.

Product Features

- Variable Speed Controller (115V only)
- Magnehelic Gage
- Reliable, low maintenance operation
- Cleanable filters with long filter life
- Simple "No tool" filter change
- No exterior ducting required or makeup air
- Heavy-duty casters & portability handles
- 12' L x 6" flexible python hose
- Magnetic capture hood
- 360° rotating source capture hose
- **Optional:** 25' hose, dual or quad configurations



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Cleanable Media Fume Extractor

Product Specifications



6" Diameter
12' L

Dimensions are approximate.



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Base Unit Dimensions	Length: 30" Width: 30" Height: 42.5"
Arm Dimensions	6" Diameter x 12' Long Optional: 25' Long
Arm Material	Flexible flame-retardant Python hose with black magnetic capture hood with handle
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	Without Filters: 190 lbs With Filters: 282 lbs
Air Volume (approximately)	500: Up to 430 CFM 550: Up to 655 CFM
Electrical	500: 115/1/60, 2.5 amps 220/1/50, 1.5 amps 550: 115/1/60, 10.7 amps 220/1/50, 5 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	500: Approx. 65 dba 550: Approx. 72 dba
Main Filter Options	(4) Cleanable Micro-Pleat Series 1 Particulate Filters (MERV 13) (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 Carbon Filters
Warranty (From Date of Shipment)	Limited two-year warranty on defects due to materials or workmanship.
US Patent	#61,563,228 Pending