

## Model 550/500 Chemical Fume Extractor

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

#### Product Specifications

##### BASE UNIT DIMENSIONS

30" Length  
30" Width  
42.5" Height

##### ARM DIMENSIONS

12' L x 6" Diameter Flame-Retardant Python  
Hose with Black Magnetic Hood

##### CABINET MATERIAL

16 ga. Carbon Steel

##### WEIGHT

Approximately 190 lbs. *without* Filters.  
Approximately 430 lbs. *with* Filters Installed.

##### AIR VOLUME

Variable Speed Control Standard on 115V  
On/Off Toggle Switch Standard on 220V  
550 - Up to 490 CFM High w/ Activated Carbon Filters  
500 - Up to 355 CFM High w/ Activated Carbon Filters

##### ELECTRICAL

115/1/60, (550) Approx. 10.7 Amps, (500) Approx. 2.5 Amps  
220/1/50, (550) Approx. 5 Amps, (500) Approx. 1.5 Amps  
8' grounded power cord with NEMA 5-15P Plug

##### SOUND LEVEL

Approximately 72 dba (High) at 3'

##### FILTRATION

(4) Activated Carbon Filters [60 lbs. each], 240 lbs. in Total

##### WARRANTY

Limited two-year warranty from date of shipment  
on defects due to materials or workmanship.  
U.S. PATENT #61563228 Pending



Conceptual Drawing - Chemical Fume Removal in a Laboratory Environment with Sentry Air Systems Exhaust Hoods

#### Product Features

- Variable Speed Controller Included (115V only)
- "No Tool" Filter Change
- Heavy-Duty Casters
- Reliable, Low Maintenance Operation
- No Exterior Ducting Required
- A Variety of Arm Options Available
- Refillable Carbon Filter Frames
- Portability Handles

This **Model 550/500 Industrial Chemical Fume Extractor** is engineered with 240 lbs. of Activated Carbon Filtration and is designed for applications including chemical fume control, epoxy and solvent fume removal, multiple operator fume extraction, and processes involving VOC's. The Model 550/500 is capable of providing up to 490/355 CFM of air volume and is built for heavy-duty fume extraction and air purification. The extensive amount of activated carbon filtration makes this portable unit very unique and allows for operators to have access to a large amount of filtration in confined or isolated areas where external venting is not possible. This system is equipped with four carbon filter frames that each hold 60 lbs. of activated carbon. When the carbon becomes saturated, the operator should properly dispose of it and simply refill the filter frames with Sentry Air Systems Activated Carbon. Specialty-blended filtration media may also be utilized with this unit and includes Acid Gas, Mercury, Aldehyde, and Ammonia filters.

This system is portable and requires no exterior-ducting or makeup air. Heavy-duty locking casters and a variety of extraction arm options make this fume extractor an optimal solution for applications that require a powerful respiratory engineering control with maneuverability. This particular model is equipped with a 12' L by 6" diameter flame-retardant, flexible "python" hose, which is also available in singular, dual, and quad options to accommodate one or more operators. This system also comes equipped with refillable filter frames for easy filter replacement and low cost maintenance. A Variable Speed Controller is also a standard feature.

The Model 550/500 is also available with Particulate Filters for applications such as welding, grinding, powder weighing, and dust collection.



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