

Model 500 Industrial Chemical Fume Extractor

Model # SS-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

350 CFM (Low) to 1100 CFM (High) with
Activated Carbon Filters Installed

ELECTRICAL

115/1/60, Approx. 10.7 Amps
220/1/50, Approx. 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*
- Reliable, Low Maintenance Operation
- Refillable Carbon Filter Frames
- "No Tool" Filter Change
- No Exterior Ducting Required
- Portability Handles
- Heavy-Duty Casters
- A Variety of Arm Options Available

This **Model 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 500 is capable of providing up to 1100 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 500 is also available with Particulate Filters for applications such as welding, grinding, powder weighing, and dust collection.



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