

Model 500/550 Heavy-Duty Dual Arm Welding Fume Extractor - Activated Carbon



Model # SS-500/550-D10FA-240CF

This **Model 500/550 Dual Arm Heavy Duty Industrial Chemical Fume Extractor** removes chemical fumes from the air with **four 42 lb Activated Carbon Filters** for industrial applications including *chemical fume control, epoxy and solvent fume removal, multiple operator fume extraction, and processes involving VOC's.*

The powerful blower assembly suctions up to 350/455 CFM of air per arm, while the two 10' long HD Extractor Arms offers exceptional reach (up to 20') and hold for precise fume source capture. The extensive amount of activated carbon filtration makes this very unique and allows for operators to have access to a large amount of filtration.

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 and includes acid gas, mercury, aldehyde, and ammonia filters.

For easy mobility around the shop, the **Model 500/550 Dual Arm Heavy Duty Industrial Chemical Fume Extractor** features forklift legs that allow the operators to transport the system with ease if necessary. The primarily stationary unit, if desired, can be permanently bolted to the shop floor. For applications that do not require as much airflow, an included Variable Speed Controller can help to reduce and control the airflow rates.

Also, a model with dual 7' Heavy Duty Extractor Arms [SS-500/550-HFAD-240CF] or with cleanable Micro-Pleat particulate filters [SS-500/550-BU-MP1] for applications such as *welding, grinding, powder weighing, and dust collection.*

Product Features

- **Includes:** variable speed controller (115V only), forklift legs for easy transport, and (2) 10' L Heavy Duty Extractor Arms
- Long filter life
- Refillable activated carbon filter frames
- No exterior ducting required or makeup air
- Simple, quick "no tool" filter change
- Reliable, low maintenance option



Model 500/550 10' Dual Arm Chemical Fume Extractor



This powerful fume extractor can help protect two operators from chemical fumes, shown here being used for welding.



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Chemical Fume Control

Product Specifications



Dimensions are approximate



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Base Unit Dimensions	Length: 30" Width: 30" Height: 42.5"
Arm Dimensions	7" Diameter (2) 10' L Heavy Duty Arms
Arm Material	Rigid segment: Aircraft-grade aluminum, 7" diameter Flexible segment: Black Flex Sentry hose Flame-retardant Capture Hood: 10.5" round hood
Cabinet Material	16 Ga. cold rolled steel
Weight (approximately)	500: 345 lbs with filters 550: 360 lbs with filters
Air Volume (approximately)	500: Up to 350 CFM/arm 550: Up to 455 CFM/arm
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) 42 lb Activated Carbon Filters (4) 42 lb Specialty Blended Filter Media (acid gas, ammonia, aldehyde, and mercury)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship. 550: Limited six-month warranty for fan/motor.
US Patent	#61563228 Pending