

## Model 500/550 Chemical Fumes Dual Stand Assembly - Activated Carbon Filtration



*Model # SS-500/550-STHD2-240CF*

The **Model 500/550 Dual Stand Chemical Fume Assembly** provides industrial-strength chemical fume extraction for two simultaneous workstations. Our **Model 500/550 Heavy Duty Industrial Fume Extractor** anchors this system with support of two **Fume Extractor Stands** and your choice of either (2) 7' or (2) 10' heavy duty extractor arms. This configuration provides multiple operators with powerful airflow and source-capture fume control without the need for exterior venting or make-up air generation.



*Model 500/550 Chemical Fume Extractors Dual Stand Assembly*

The **Fume Extractor Stands** mount to the floor and can be placed at varying distances from the Model 500/550. The **HD Extractor Arms** mount to the Elevated Fume Stands and extend up to 7 or 10 feet from the center of the stand's mounting plate. The arm has three bend locations for multiple positions and angles, allowing greater flexibility and placement. The extensive amount of activated carbon filtration makes this unit very unique and allows for operators to have access to a large amount of filtration.

This system features **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*. **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.

### Product Features

- **Includes:** variable speed controller (115V only) and (2) 7' L or (2) 10' L Heavy Duty Extractor Arms
- Refillable activated carbon filter frames
- Reliable, low maintenance option
- No wall space required
- No exterior ducting required or makeup air
- Long filter life
- Simple, quick "no tool" filter change



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## Product Specifications



<b>Dimensions</b>	<b>Base Unit:</b> 30" L x 30" W x 42.5" H <b>Arms:</b> (2) 10' L or 7' L x 6" diameter Heavy Duty Extractor Arms with 13" capture hood <b>Stands:</b> 91" total height; <b>Top Platform</b> - 23" W x 19" D; <b>Base Platform</b> - 16" W x 22" D <b>Ductwork (Recommended):</b> 8" diameter, up to 12' of duct with (4) 90° angles (Not Supplied by SAS)
<b>Material</b>	<b>Base Unit:</b> 16 ga. carbon steel <b>Arms:</b> Rigid segment - aircraft-grade aluminum; Flexible segment - flame-retardant Black Flex Sentry™ hose; Swivel Joint - Polypropylene <b>Stands:</b> carbon steel; <b>Ductwork (Recommended):</b> stainless steel or aluminum
<b>Weight</b>	<b>Base Unit:</b> 362 lbs with filters; <b>Arms:</b> 60 lbs each; <b>Stands:</b> 133 lbs each
<b>Air Volume</b>	<b>500:</b> Up to 500 CFM per arm <b>550:</b> Up to 630 CFM per arm
<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; <b>550:</b> Approx. 72 dba (High at 3' from inlet)
<b>Filtration Options</b>	(4) 42 lb Activated Carbon Filters (4) 42 lb Specialty Blended Filter Media (acid gas, ammonia, aldehyde, and mercury)
<b>Warranty</b>	Limited two-year warranty from date of shipment on defects due to materials or workmanship. <b>550:</b> Limited six-month warranty for fan/motor.



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