

## Model 450 Mounted Sentry Fume Extractor with Stand



*Model # SS-450-MS-FES*

The **Model 450 Stand Mounted Sentry Fume Extractor** with flex arm provides industrial air cleaning designed for elevated, source-capture fume extraction. This system comes equipped with a powerful fan and a variety of inlet collar sizes to match your unique application and features a variable speed controller with an optional remote control.

Ideal for environments with oversized machinery, open concept workspaces, or even smaller facilities who want to save valuable floor space, the **Model 450 Stand Mounted Sentry Fume Extractor** utilizes a high-strength industrial stand that secures and elevates the fume extractor up and off of the floor. The included flex arm provides a 62.5" swivel radius allowing greater flexibility within the workspace. To ensure superior hold, the stand underwent stringent structural testing with a third party engineering firm. Testing included a variety of weight loads and bend radii and the results were optimal.

Typical applications include: *Welding Fume Extraction, Laser Fume Control, Chemical Fume Extraction, Pharmaceutical Powders, Particulate Control, Printing Fumes, Soldering, Solvent and Epoxy Fume Control, Fume/Vapor Source Capture, Light Grinding, and various other industrial processes.*

As an option, this system can have a 7' Heavy Duty Extractor Arm equipped for greater reach and higher volume fume extraction applications.



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### Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), and 91" tall Fume Extractor Stand
- **Optional:** Magnehelic Gauge and 7' Heavy Duty Extractor Arm
- Self-supportive, flexible arm with 62.5" swivel radius
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change



*Model 450 Mounted Sentry frees up valuable benchtop space with fume extractor stand.*



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate.  
Floor mounting hardware not included.



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Stand Dimensions	<b>Total Height:</b> 91" <b>Platform Base:</b> 16" W x 22" D <b>Platform Top:</b> 23" W x 19" D
Stand Weight	133 lbs
Base Unit Dimensions	<b>Length:</b> 21" <b>Width:</b> 20" <b>Height:</b> 19.5"
Cabinet Material	16 Ga. carbon steel
Cabinet Weight (approximately)	60 - 112 lbs
Arm Dimensions	4" diameter, 32" L fire-retardant flex arm, 15" L stainless steel ducting 7" diameter round hood
Air Volume (approximately)	<b>High:</b> up to 950 CFM <b>Low:</b> down to 50 CFM
Electrical	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (at 3' from inlet)	Approx. 72 dba (High)
Main Filter Options	<i>Depending on the Application:</i> <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ASHRAE</b> [up to 95% efficiency on particles 0.5 microns and larger] <b>ULPA</b> [up to 99.9995% efficiency on particles 0.12 microns and larger] <b>Activated Carbon</b> <b>Specialty-Blended Filter Media</b> [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]
Limited Warranty (From Date of Shipment)	Limited two-year warranty on defects due to materials or workmanship. Limited six-month warranty on fan/motor assembly
Patent #	5,843,197; 8,353,745