

Model 400/450 Mounted Sentry Fume Extractor with Stand



Model # SS-400/450-MS-FES

The **Model 400/450 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 400/450 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, 91" T fume extractor stand, and 62.5" swivel radius self-supportive extractor arm
- **Optional:** Magnehelic Gauge, hour counter, 7' heavy-duty extractor arm, and remote control
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change



Model 400/450 Mounted Sentry frees up valuable benchtop space with fume extractor stand.



21221 FM 529 Rd, Cypress, TX 77433
1.800.799.4609 • sales@sentryair.com

www.sentryair.com

Fume & Particulate Removal

Product Specifications



Dimensions are approximate.
Floor mounting hardware not included.



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Stand Dimensions	Total Height: 91" Platform Base: 16" W x 22" D Platform Top: 23" W x 19" D
Stand Weight	133 lbs.
Base Unit Dimensions (L x W x H)	400: 21" x 20" x 19.5" 450: 21" x 20" x 21.75"
Cabinet Material	16 ga. carbon steel
Cabinet Weight	Approx. 50 - 110 lbs.
Arm Dimensions	4" diameter, 32" L fire-retardant flex arm, 15" L stainless steel ducting 7" diameter round hood
Air Volume (approximately)	400: 50 - 700 CFM 450: 0 - 877 CFM (low to high)
Electrical	400: 115/1/60, 2.5 amps 220/1/50 or 60, 1.5 amps 450: 115/1/60, 5.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	400: Approx. 65 dba (high) 450: Approx. 71 dba (high)
Main Filter Options	<i>Depending on the Application:</i> 400 - Chemical: Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia] 400 & 450 - Particulate: HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ASHRAE [up to 95% efficiency on particles 0.5 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger]
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