

Model 450 Sky Sentry – Wall Mounted Fume Extractor



Model # SS-450-SKY

The **Model 450 Sky Sentry** is a wall mounted fume extractor that features a free hanging, self-supportive and flame-retardant flex arm that can easily be maneuvered by the operator to their desired location. In limited space environments, this unit frees up valuable benchtop and floor space while the flex arm provides a 62.5" swivel radius.

Typical applications for this system include: *welding fume extraction, brazing fume control, particulate extraction, removal of organic vapors, solvent and epoxy fumes, chemical fumes, light grinding*, and various other industrial processes where a wall-mounted fume extractor is needed.

Depending on the application, several filter combinations can be utilized. Typical filtration media include: **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], **Activated Carbon**, and **specialty-blended filtration media** [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]. Multiple filter media can be housed inside the filter chamber for applications that emit both particulates and fumes.

Three smaller models [SS-200-SKY, SS-300-SKY, & SS-400-SKY] are also available. This system is also available with an outlet plenum.



Product Features

- Variable speed controller with wired remote (115V only)
- On/Off toggle switch (220V only)
- Wall mounting brackets
- Self-supportive, flexible arm
- 62.5" swivel radius
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change
- **Optional:** magnehelic gauge, hour counter

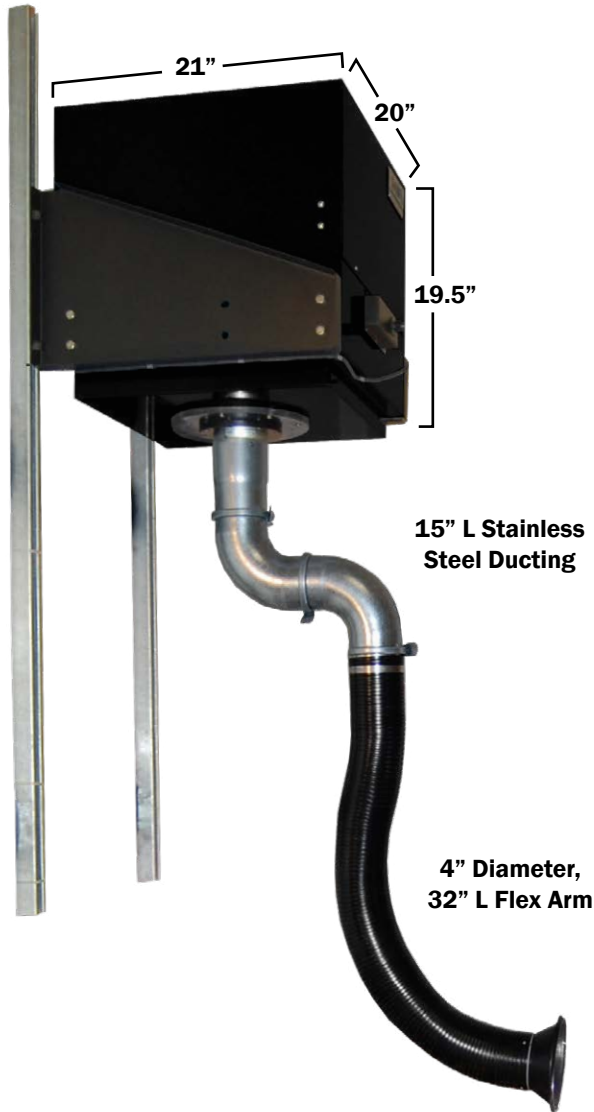


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Fume & Particulate Removal

Product Specifications



Dimensions are approximate
Shown with optional accessories



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Base Unit Dimensions	Length: 21" Width: 20" (not including mounting brackets) Height: 19.5"
Arm Dimensions	4" diameter, 32" L fire-retardant flex arm, 15" L stainless steel ducting 7" diameter round hood
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs.
Air Volume (approximately)	High – 950 CFM Low – 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> 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] Activated Carbon Specialty-Blended Filter Media [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
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