

Model 400/450 Welding Fume Extractor

Model # SS-400/450-WFE



The **Model 400/450 Portable Welding Fume Extractors** are simple and highly efficient source-capture fume extractors for welding fume control. Typical applications include *MIG welding fumes, TIG welding fumes, maintenance welding, stainless steel pipe welding, production welding, clean room welding, occasional stick welding, spot welding, brazing, and more.*

This source-capture welding fume extractor includes a flame-retardant, self-supportive flex arm for ease of varied placement. Other benefits include small footprint, portability handle, heavy-duty casters for easy maneuverability, quick change pre-filter, and a variable speed controller.

The **Model 400/450 Welding Fume Extractor** comes equipped with patented filtration media that is customized specifically for welding fume control. In most cases, **HEPA** filtration is utilized and offers up to 99.97% efficiency on particles 0.3 microns and larger. Other options include **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger] and **ULPA** filtration media [up to 99.9995% efficient on particles 0.12 microns and larger].

Portable Welding Fume Extractors are also available in a smaller model [SS-300-WFE] and two larger models [SS-450-WFE & SS-500-WFE-MP1].



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The Model 400/450 Welding Fume Extractor helps protect the operator from fumes by extracting at the source.

Product Features

- **Includes:** variable speed controller portability handle, and (1) 72" L self-supportive flexible arm (360° swivel)
- **Optional:** Magnehelic Gauge and hour counter
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple quick "no tool" filter change



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate.
Shown with optional accessories.



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Base Unit Dimensions (L x W x H)	400: 22.5" x 20" x 19.5" 450: 22.5" x 20" x 21.75" (includes control box in length)
Arm Dimensions	6" diameter, 72" long fire-retardant flex arm 10.5" diameter capture hood
Cabinet Material	16 ga. carbon steel
Weight	Approx. 50 - 110 lbs.
Air Volume (approximately)	400: 50 - 700 CFM 450: 0 - 877 CFM (from 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. 60 dba (high) 450: Approx. 71 dba (high)
Main Filter Options	Depending on the Application: 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]
Patent #	5,843,197