

Model 450 Welding Fume Extractor



Model # SS-450-WFE

The **Model 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 easy and 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 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 two smaller models [SS-300-WFE & SS-400-WFE] and a larger model [SS-500-WFE-MP1].

Product Features

- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Portability handle
- Self-supportive, flexible arm
- 360-degree swivel arm
- 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



6" Diameter,
72" L Flex Arm

Dimensions are approximate
Shown with optional accessories



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Base Unit Dimensions	Length: 22.5" (incl control box) Width: 20" Height: 19.5"
Arm Dimensions	6" Diameter, 72" L fire-retardant flex arm 10.5" diameter capture 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]
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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