

## 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].



Model 450 Welding Fume Extractor



### Product Features

- **Includes:** Variable speed controller (115V only), ON/OFF toggle switch (220V only), portability handle, and self-supportive flexible arm (360° swivel)
- **Optional:** Magnehelic Gauge
- 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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<b>Base Unit Dimensions</b>	<b>Length:</b> 22.5" (includes control box) <b>Width:</b> 20" <b>Height:</b> 19.5"
<b>Arm Dimensions</b>	6" Diameter, 72" L fire-retardant flex arm 10.5" diameter capture hood
<b>Cabinet Material</b>	16 Ga. carbon steel
<b>Weight (approximately)</b>	62 - 112 lbs
<b>Air Volume (approximately)</b>	<b>High:</b> up to 950 CFM <b>Low:</b> down to 50 CFM
<b>Electrical</b>	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (at 3' from inlet)</b>	Approx. 72 dba (High)
<b>Main Filter Options</b>	<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>Warranty</b>	Limited two-year warranty from date of shipment on defects due to materials or workmanship. Limited six month warranty on fan/motor assembly
<b>Patent #</b>	5,843,197