

## Model 300 Welding Fume Extractor

MADE IN  
THE USA



SINCE 1983

### Model # SS-300-WFE

The **Model 300 Portable Welding Fume Extractor** provides a simple and highly efficient respiratory engineering control for a variety of welding applications, including MIG welding, TIG welding, maintenance welding, production welding, clean room welding, occasional stick welding, spot welding, brazing, and more.

This system captures fumes and particulate at the source with a flame-retardant, self-supportive flex arm that enables the operator to easily maneuver and change the placement. This unit's powerful fan draws in fumes and particulate into the filtration chamber before entering the operator's breathing zone. High quality filtration media specific for welding fume control includes **HEPA filtration** offering up to 99.97% efficiency on particles 0.3 microns and larger, **ASHRAE filtration** with up to 95% efficiency on particles 0.5 microns and larger, and **ULPA filtration** media maintaining up to 99.9995% efficiency on particles 0.12 microns and larger.

Other benefits include an exceptionally low noise level, small footprint, portability handle, heavy-duty casters for easy maneuverability, quick change pre-filter, and a variable speed controller. With portability features and ductless design, the operator can easily move the system to a different location.

The **Model 300 Portable Welding Fume Extractor** has been tested by a third-party industrial hygienist to measure this unit's efficiency according to the Hexavalent Chromium OSHA Standard 29 CFR1910.1026. Results indicated an exposure limit five times lower than OSHA's Hexavalent Chromium regulation during four hours of MIG welding. Results may vary depending on application and appropriate use of equipment.

*This unit is also available with a dust plenum for heavier loading applications [SS-300-WFEDP] and as a more powerful unit [SS-400-WFE]. For high volume applications, the welding fume extractor can come with a cleanable filter [SS-500-WFE-MP1] and a heavy-duty extractor arm.*

### Product Features

- **Includes:** Variable Speed Controller (115V only), ON/OFF toggle switch (220V only), portability handle, and a quick change pre-filter.
- **Optional:** Magnehelic Gauge and hour counter
- Quiet, reliable, low maintenance operation
- Simple, quick "no tool" filter change
- Low power consumption



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The self-supportive flex arm on the Model 300 Welding Fume Extractor allows the operator to easily adjust to capture fumes at the source.



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate



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<b>Base Unit Dimensions</b>	<b>Length:</b> 15.5" (includes control box) <b>Width:</b> 13" <b>Height:</b> 16.5"
<b>Arm Dimensions</b>	5" Diameter, 68" L fire-retardant flex arm
<b>Cabinet Material</b>	16 Ga. carbon steel with polyester epoxy coating on all surfaces
<b>Weight (approximately)</b>	40 - 50 lbs
<b>Air Volume (approximately)</b>	<b>High:</b> up to 350 CFM <b>Low:</b> down to 50 CFM
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (High at 3' from inlet)</b>	Approx. 61 to 66 dba
<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>Warranty</b>	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
<b>US Patent</b>	#5,843,197