# Model 300 Welding Fume Extractor

## Model # SS-300-WFE

### Product Specifications

**BASE UNIT DIMENSIONS**
- 15.5" Length, Including Control Box
- 13" Width
- 16.5" Height

**ARM DIMENSIONS**
- 5" Dia., 68" Long Fire-Retardant Flex Hose (8.75" Dia. Round Hood)

**CABINET MATERIAL**
- 16 ga. Carbon Steel with Polyester
- Epoxy Coating on all surfaces

**WEIGHT**
- Approx. 40 lbs. - 50 lbs.

**AIR VOLUME**
- Variable Speed Control Standard on 115V
- 350 CFM High, Down to 50 CFM Low
- On/Off Toggle Switch Standard on 220V

**ELECTRICAL**
- 115/1/60, 2 amps
- 220/1/50, 0.75 amps
- 8’ grounded power cord with NEMA 5-15P Plug

**SOUND LEVEL**
- 61 to 66 dba (Blower Speed: Low to High)

**FILTRATION**
- Depending on the Application:
  - HEPA [up to 99.97% efficient on particles 0.3 microns and larger]
  - ASHRAE [up to 95% efficient on particles 0.5 microns and larger]
  - ACTIVATED CARBON
  - SPECIALTY-BLENDED FILTER MEDIA [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]

**WARRANTY**
- Limited two-year warranty from date of shipment on defects due to materials or workmanship.

**Product Features**
- Variable Speed Controller Included (115V only)
- Portability Handle Included
- Quick Change Pre-Filter Included
- Quiet Operation
- Reliable, Low Maintenance Operation
- Simple, Quick "No Tool" Filter Change
- Low Power Consumption
- Optional Magnehelic Gage
- Optional Hour Counter

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The Model 300 Portable Welding Fume Extractor is 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 source-capture system includes a flame-retardant, self-supportive flex arm for easy and varied placement. 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.

The Model 300 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 is up to 99.97% efficient on particles 0.3 microns and larger. Other options include ASHRAE [up to 95% efficient on particles 0.5 microns and larger] and ULPA filtration media [up to 99.9995% efficient on particles 0.12 microns and larger].

This system 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 that OSHA’s Hexavalent Chromium regulation during four hours of MIG welding. Results may vary depending on application and appropriate use of equipment.

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[Image of the Model 300 Portable Welding Fume Extractor]

Dimensions are Approximate