

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.
PATENT #5,843,197



Dimensions are Approximate



Product Features

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

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 than 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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