

# Model 450 Welding Fume Extractor

## Model # SS-450-WFE

### Product Specifications

#### BASE UNIT DIMENSIONS

22.5" Length, *Including Control Box*  
20" Width  
19.5" Height

#### ARM DIMENSIONS

6" Dia., 72" Long Fire-Retardant Flex Arm (10.5" Dia. Round Hood)

#### CABINET MATERIAL

16 ga. Carbon Steel

#### WEIGHT

Approx. 60 lbs. - 100 lbs.  
*Varies Depending on Filter Media Installed*

#### AIR VOLUME

Variable Speed Control Standard on 115V  
950 CFM High, Down to 50 CFM Low  
On/Off Toggle Switch Standard on 220V

#### ELECTRICAL

115/1/60, 10.7 amps  
220/1/50, 5.35 amps  
8' grounded power cord with NEMA 5-15P Plug

#### SOUND LEVEL

Approx. 72 dba @ 3'

#### 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 six-month warranty from date of shipment for the fan/motor assembly. Limited two-year warranty from date of shipment on defects to parts/assembly due to materials or workmanship.

PATENT #5,843,197



Dimensions are Approximate  
Shown with Optional Accessories



## Product Features

- Variable Speed Controller *Included (115V only)*
- Reliable, Low Maintenance Operation
- Long Filter Life
- Portability Handle *Included*
- Low Power Consumption
- Optional Magnehelic Gage
- Self Supportive, Flexible Arm
- Simple, Quick "No Tool" Filter Change

The **Model 450 Portable Welding Fume Extractor** 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 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].

Portable Welding Fume Extractors are also available in two smaller models [SS-300-WFE & SS-400-WFE] and larger model [SS-500-PFS-MP1].



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