The **Model 400 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 400 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 a smaller model (SS-300-WFE) and two larger models (SS-450-WFE & SS-500-WFE-MP1).

### Product Features

- Variable speed controller (115V only)
- ON/OFF toggle switch (220V only)
- Portability handle
- Self-supportive, flexible arm
- 360-degree swivel arm
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple quick “no tool” filter change
- **Optional:** Magnehelic Gage, hour counter
# Product Specifications

| **Base Unit Dimensions** | **Length:** 22.5” (includes control box)  
**Width:** 20”  
**Height:** 19.5” |
|--------------------------|--------------------------------------------------|
| **Arm Dimensions**       | 5” Diameter, 72” L fire-retardant flex arm  
10.5” diameter capture hood |
| **Cabinet Material**     | 16 Ga. carbon steel |
| **Weight (approximately)** | 50 - 100 lbs |
| **Air Volume (approximately)** | High — 700 CFM  
Low — 50 CFM |
| **Electrical**           | 115/1/60, 2.5 amps  
220/1/50, 1.5 amps  
8’ grounded power cord with NEMA 5-15P plug |
| **Sound Level (at 3’ from inlet)** | Approx. 60 dba (High) |
| **Main Filter Options**  | Depending on the Application:  
HEPA [up to 99.97% efficiency on particles 0.3 microns and larger]  
ASHRAE [up to 95% efficiency on particles 0.5 microns and larger]  
ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger] |
| **Warranty**             | Limited two-year warranty from date of shipment on defects due to materials or workmanship. |
| **Patent #**             | 5,843,197 |

Dimensions are approximate  
Shown with optional accessories  

---

**Sentry Air Systems, Inc.**  
21221 FM 529 Rd  
Cypress, TX 77433  
1.800.799.4609  
sales@sentryair.com  
www.sentryair.com