

Model 500/550 HD Welding Fume Extractor - Micro-Pleat Series 1



Model # SS-500/550-WFE-MP1

The **500/550 HD Industrial Welding Fume Extractor** is specifically designed for heavy welding applications that generate high volumes of fume and dust particulate. The powerful blower assembly suctions up to 830/705 CFM of air, while the dual hinged 10' long HD extractor arm offers exceptional reach and hold for precise fume source capture.

There are four cleanable **Micro-Pleat Series 1 Particulate Filters** on the unit uniquely designed to handle *high volume welding applications (MIG, TIG, Stick and Plasma Cutting)* as well as associated applications such as *light grinding and some dust collection*.

The **500/550 HD Industrial Welding Fume Extractor** is the perfect addition to welding and metal fabrication shops, large scale factories and other locations where welding fume is generated. Not only does this unit help protect the welder's respiratory zone from hazardous fumes, its construction and operation features offer a host of benefits.



Product Features

- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Magnehelic gauge
- Cleanable filters
- Filter media tested with hexavalent chromium
- Heavy-duty casters & portability handles
- 360° rotating source capture arm
- No exterior ducting required or makeup air
- Long filter life
- Simple, quick "no tool" filter change



21221 FM 529 Rd, Cypress, TX 77433
1.800.799.4609 • sales@sentryair.com

www.sentryair.com

Fume & Particulate Removal

Product Specifications

MADE IN THE USA



SINCE 1983



Dimensions are approximate



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Base Unit Dimensions	Length: 30" Width: 30" Height: 42.5"
Arm Dimensions	7" Diameter, 10' L HD Hybrid Arm
Arm Material	Rigid segment: Aircraft-grade aluminum, 7" diameter Capture Hood: 10.5" round powder coat aluminum hood
Cabinet Material	16 Ga. cold rolled steel
Weight (approximately)	240 lbs without filters 332 lbs with filters
Air Volume (approximately)	500: Up to 705 CFM 550: Up to 830 CFM
Electrical	500: 115/1/60, 2.5 amps 220/1/50, 1.5 amps 550: 115/1/60, 10.7 amps 220/1/50, 5 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	500: Approx. 65 dba (High) at 3' from inlet 550: Approx. 72 dba (High) at 3' from inlet
Main Filter Options	(4) MERV 16 Micro-Pleat Series 1 Particulate Cleanable Filters
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
US Patent	#61563228 Pending