

Model 300 Medical Fume Extractor

Model # SS-300-MED

Product Specifications

BASE UNIT DIMENSIONS

15.5" Length, *Including Control Box*

13" Width

16.5" Height

ARM DIMENSIONS

4" or 5" Dia., 68" Long Flex Hose (7" or 8.75" Dia. Round Hood)

CABINET MATERIAL

16 ga. Carbon Steel with Polyester

Epoxy Coating on all surfaces

WEIGHT

Approx. 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



The Model 300 Medical Fume Extractor being used for collodion application.

Product Features

- Variable Speed Controller *Included*
- Reliable, Low Maintenance Operation
- Long Filter Life
- Portable Handle *Included*
- Low Power Consumption
- Optional Magnehelic Gage
- Quiet Operation
- Simple, Quick "No Tool" Filter Change
- Optional Hour Counter

Compact & Portable Solution. The Model 300 Medical Fume Extractor can be customized to fit a variety of medical applications or procedures that require fume extraction and air purification. This compact and ductless system is equipped with an energy-efficient fan that pulls airborne contaminants away from the operator's breathing zone and into the filtration system. This unit does not require exterior ducting and can move freely from place to place on locking casters. The self-supportive extraction arm provides additional flexibility, allowing the operator to position the inlet in the most effective position for their process.

Customizable Filtration Options. Several filtration options are available for this unit and are selected based on the application being performed. Options include: ULPA [up to 99.9995% efficient on particles 0.12 microns and larger], 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, and specialty-blended filter media [i.e. Acid Gas, Mercury, Aldehydes, Ammonia]. This system can house multiple filters, which allows for both extraction of particulate and adsorption of fumes when required.

Suitable for a Variety of Medical Processes. The Model 300 Medical Fume Extractor can be a simple and effective solution for air quality enhancement in a variety of medical, laboratory and dental applications.

- Pathology labs
- Respiratory sensitivities
- Odor sensitive areas
- Dental labs
- Clean room applications
- Oncology wards
- Orthopedic labs
- Surgery prep
- Pharmacies
- Dental technician labs
- Critical-care facilities
- Hematology ICUs
- Microbiology labs
- Laser surgery fume and odor
- General air purification



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