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, Aldehydes, Ammonia]

WARRANTY
Limited two-year warranty from date of shipment on defects due to materials or workmanship.

PATENT #5,843,197

Product Features

- Variable Speed Controller Included
- Portability Handle Included
- Quiet Operation
- Reliable, Low Maintenance Operation
- Low Power Consumption
- Simple, Quick “No Tool” Filter Change
- Long Filter Life
- Optional Magnehelic Gage
- 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
- Dental labs
- Orthopedic labs
- Dental technician labs
- Microbiology labs
- Respiratory sensitivities
- Chronic roof applications
- Surgery prep
- Critical-care facilities
- Laser surgery fume and odor
- Odor sensitive areas
- Oncology wards
- Pharmacies
- Hematology ICUs
- General air purification

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