

# Model 300 Portable Floor Sentry

## Model # SS-300-PFS

### Product Specifications

#### BASE UNIT DIMENSIONS

15.5" Length, *Including Control Box*  
 13" Width  
 16.5" Height

#### ARM DIMENSIONS

4" or 5" Dia., 68" Long Fire-Retardant Flex Arm (7" or 8.75" Dia. Round Hood)

#### CABINET MATERIAL

16 ga. Carbon Steel with Polyester  
 Epoxy Coating on all surfaces

#### WEIGHT

Approx. 40 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, .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



## Product Features

- Variable Speed Controller *Included (115V only)*
- Portable 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

The Model 300 **Portable Floor Sentry** fume extractor is a safety engineering control used for the capture and filtration of airborne contaminants. This source-capture fume extractor features heavy-duty casters for easy mobility, a 5" diameter flame-retardant and self-supportive flex arm, a small footprint, and high-quality filtration media.

Typical applications for this unit include: welding fume control, chemical fume extraction, soldering, solvent and epoxy fume control, powder filling, light grinding, and a variety of applications involving chemical fumes and dust.

Other unit features include a variable speed controller, attached portability handle, 360 degree swivel arm, simple and quick "no-tool" filter change, and optional accessories including a magnehelic gauge, digital hour counter, and quick change pre-filter.

Several filter media options are available for this unit and include: HEPA filtration [up to 99.97% efficient on particles 0.3 microns and larger, ASHRAE filtration [up to 95% efficient on particles 0.5 microns and larger], Activated Carbon, and specialty-blended filter media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]. The Portable Floor Sentry allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

This Portable Fume Extractor can provide an effective and economical solution for many commercial, medical, laboratory and industrial applications. Two larger models [SS-400-PFS & SS-450-PFS] and a smaller model are available [SS-200-FS].



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