

# Model 450 Portable Floor Sentry

## Model # SS-450-PFS

### Product Specifications

#### BASE UNIT DIMENSIONS

22.5" Length, *Including Control Box*  
20" Width  
19.5" Height

#### ARM DIMENSIONS

6" Dia., 72" Long Fire-Retardant Flex Arm (10.5" Dia. Round Hood)

#### CABINET MATERIAL

16 ga. Carbon Steel

#### WEIGHT

Approx. 60 lbs. - 100 lbs.  
*Varies Depending on Filter Media Installed*

#### AIR VOLUME

Variable Speed Control Standard on 115V  
950 CFM High, Down to 50 CFM Low  
On/Off Toggle Switch Standard on 220V

#### ELECTRICAL

115/1/60, 10.7 amps  
220/1/50, 5.35 amps  
8' grounded power cord with NEMA 5-15P Plug

#### SOUND LEVEL

Approx. 72 dba @ 3'

#### 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 six-month warranty from date of shipment for the fan/motor assembly. Limited two-year warranty from date of shipment on defects to parts/assembly due to materials or workmanship.  
PATENT #5,843,197



Dimensions are Approximate  
Shown with Optional Accessories



## Product Features

- Variable Speed Controller *Included (115V only)*
- Reliable, Low Maintenance Operation
- Long Filter Life
- Portability Handle *Included*
- Low Power Consumption
- Optional Magnehelic Gage
- Self Supportive, Flexible Arm
- Simple, Quick "No Tool" Filter Change

The **Portable Floor Sentry** fume extractor is used as a respiratory safety control for a variety of industrial applications that require the capture and filtration of airborne contaminants and chemical fumes. This source-capture fume extractor features quiet operation, a powerful fan, a flame-retardant and self-supportive flex arm, and a variety of high-quality filtration media.

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

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 particulate and fume.

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

Three smaller models [SS-200-FS & SS-300-PFS & SS-400-PFS] and one larger model [SS-500-BU-MP1] are also available.



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