

# Model 450 Floor Sentry Double

## Model # SS-450-FSD

## Multi-Operator

### Product Specifications

#### BASE UNIT DIMENSIONS

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

#### ARM DIMENSIONS

(2) 5" Dia., 48" Long Fire-Retardant Flex Hose (8.75" 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  
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 two-year warranty from date of shipment on defects due to materials or workmanship.  
PATENT #5,843,197



Dimensions are Approximate

## Product Features

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

The **Model 450 Floor Sentry Double** provides source-capture fume extraction to two operators simultaneously. These energy-efficient systems are equipped with two flame-retardant, self-supportive flex arms that provide equal suction at both inlets.

Typical applications for this unit include welding smoke, chemical and solvent fumes, light grinding, epoxy fume control, particulate extraction, pharmaceutical powders, soldering, and many other procedures that involve the emission particulate and fume. This dual-arm fume extractor is an economical solution for many commercial, medical, laboratory, pharmaceutical and industrial applications.

Standard filtration options for this system include: 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, Aldehyde, Ammonia]. The Floor Sentry Double allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

This unit features heavy-duty casters for easy mobility, flex arms that are capable of 360 degree rotation, and an infinitely-adjustable variable speed controller. Endcaps to plug inlet holes are available when use of only one arm is desired. Other optional features include a digital hour counter and quick change pre-filter.

This unit is also available with a single arm [SS-450-PFS], in a mounted configuration [SS-450-MSD], and in larger [SS-500-PFS-MP1] and smaller models [SS-300-FSD & SS-400-FSD].



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