

Model 450 Floor Sentry Double

Model # SS-450-FSD

Multi-Operator

Product Specifications

BASE UNIT DIMENSIONS

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

ARM DIMENSIONS

(2) 5" Dia., 48" Long Fire-Retardant Flex Arm (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
475 CFM High, Down to 25 CFM Low (per arm)
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



Product Features

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

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.

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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