

## Model 300 Stainless Steel Portable Floor Sentry - Portable Fume Extractor



### Model # SS-300-PFS-ST

The **Model 300 Stainless Portable Floor Sentry** acts as an engineering safety control for a variety of food industry and medical applications that require the capture and filtration of airborne contaminants and fumes. Constructed of stainless steel, this fume extractor allows for use with sensitive applications that require food/medical grade equipment and offers additional durability for use with caustic chemicals. Also, the stainless steel chassis provides a smooth internal surface for easy cleaning and disinfecting ideal for meeting food industry requirements. This source capture fume extractor features quiet operation, a powerful fan, a flame-retardant self-supportive flex arm, and a variety of high-quality filtration media.

Typical applications for this unit include: *ingredient food labs, food production and processing, applications that use corrosive chemicals, pharmaceutical powder transfer, and a variety of medical applications involving fumes and dust.*

Several filter media options are available for this unit and include: **HEPA filtration** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE filtration** (up to 95% efficiency on particles 0.5 microns and larger), **ULPA filtration** (up to 99.9995% efficiency on particles 0.12 microns and larger), **Activated Carbon**, and **specialty-blended filter media** [i.e. acid gas, mercury, aldehyde, and ammonia]. The **Stainless Portable Floor Sentry** allows for multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

Other unit features include a Variable Speed Controller (115 V only), portability handle, 360-degree swivel arm, and simple and quick “no-tool” filter change. Optional accessories include a Magnehelic Gauge, digital hour counter, and quick change pre-filter.

*A powder-coated steel model [SS-300-PFS] is also available and recommended for industrial applications.*



Model 300 Stainless Steel Portable Floor Sentry

### Product Features

- **Includes:** Variable Speed Controller (115 V only), ON/OFF switch (220 V only), portability handle, and (1) 72” L self-supportive flexible arm (360° swivel)
- **Optional:** Magnehelic Gauge, quick change pre-filter, and hour counter
- 316 stainless steel chassis (medical and food grade)
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter-life
- Simple, quick “no tool” filter change



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate.  
Shown with optional accessories.



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<b>Base Unit Dimensions</b>	<b>Length:</b> 15.5" (Including Control Box) <b>Width:</b> 13" <b>Height:</b> 16.5"
<b>Arm Dimensions</b>	4" or 5" diameter x 68" long fire-retardant flex arm 7" or 8.5" round capture hood
<b>Cabinet Material</b>	316 Stainless Steel
<b>Weight (approximately)</b>	41 lbs.
<b>Air Volume (approximately)</b>	Up to 350 CFM
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	Approx. 61 to 66 dba
<b>Main Filter Options</b>	<i>Depending on the Application:</i> <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ASHRAE</b> [up to 95% efficiency on particles 0.5 microns and larger] <b>Activated Carbon</b> <b>Specialty-Blended Filter Media</b> [i.e. acid gas, mercury, aldehyde, and ammonia]
<b>US Patent</b>	#5,843,197