Soldering Applications

Model 100 Stainless Steel Solder Sentry

Model # SS-100-SS-ST

The **Stainless Steel Solder Sentry** provides an *ESD-Safe* solder fume extraction unit constructed to capture and filter airborne contaminants at the work surface for stationary benchtop applications. The **Stainless Steel Solder Sentry** works well for both *solder fumes and smoke extraction*.

This system's energy-efficient fan draws in airborne fumes and particulate into the high-quality filtration media before releasing filtered air back into the surrounding room. Typical filtration media includes **HEPA filters**, which offers up to 99.97% efficiency on particles 0.3 microns and larger, and **ASHRAE filters** that provide up to 95% efficiency on particles 0.5 microns and larger. For fire reliant applications like soldering, this filtration media is constructed from fire-retardant materials.

The **Stainless Steel Solder Sentry** offers an effective, quiet, and economical *ESD-safe* fume extraction solution for many benchtop soldering operations. *ESD-safe* solutions help prevent electrostatic discharge while soldering to help protect expensive electronic media. All of Sentry Air's products are proudly manufactured in the United States and are backed by our two-year limited warranty on parts and labor.

Model 100 Stainless Steel Solder Sentry

Operator using Model 100 Stainless Steel Solder Sentry to helps protect from hazardous soldering fumes.

Product Features

- ESD-Safe (Electro-static discharge safe)
- Highly portable and lightweight
- Quiet, reliable, low maintenance operation
- Sturdy construction
- Simple, quick "no tool" filter change
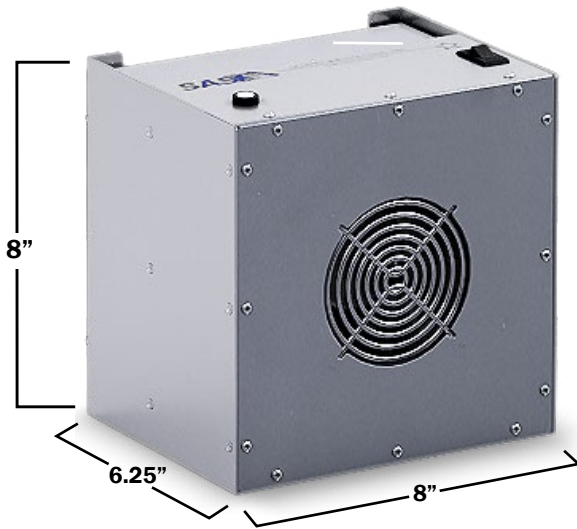- Long filter life
- *Optional:* Velometer

The Model 100 Stainless-Steel Solder Sentry is compact and takes up minimal benchtop space.

SAS
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Product Specifications

Dimensions are approximate

Base Unit Dimensions	**Length:** 6.25" **Width:** 8" **Height:** 8"
Cabinet Material	18 Ga. stainless steel
Weight (approximately)	8 lbs
Air Volume (approximately)	up to 80 CFM *Varies with filter media*
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	Approx. 62 dba
Main Filter Options	*Depending on the Application:* **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger] **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger]
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197

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