

LASER FUME EXTRACTION SERIES

fume and particulate removal

a product of sentry air systems, inc.

Many laser applications produce hazardous fumes that can have negative health effects on operators and potentially damage expensive equipment. Sentry Air Systems offers several different styles of source capture fume extractors that can be easily integrated into a variety of laser systems. These mounted and portable units are designed for particulate and gas extraction for applications such as laser cutting, laser welding, welding marking, laser engraving, and much more.



WORKPLACE BENEFITS

Improved air quality

Cleaner workspace

Decrease in number of sick days

Improved worker morale

Increase in productivity

...and many more

SENTRY AIR SYSTEMS, INC.
Simple Solutions for Cleaner Air™



MADE IN USA



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SAS
SENTRY AIR SYSTEMS, INC.

EXHAUST PORT CONNECTION CONFIGURATION

Model 200 Mounted Sentry [Model # SS-200-MS]



The Model 200 Mounted Sentry fume extractor is a small but powerful industrial air cleaner that can be mounted directly to a workbench, a hood, or even to enclosed machinery. This modular unit provides multiple mounting options, two inlet configurations [3" or 4" diameter], and can be a simple and effective addition for multiple brands and types of enclosed machinery that require fume extraction.

Air Volume: Up to 100 CFM

Filtration Media: HEPA; ASHRAE; Activated Carbon; Specialty Blended

Base Unit Dimensions: 10.5" L x 10" W x 12.5" H

Electrical: 115/1/60, 0.3 amps; 220/1/50, 0.2 amps



Model 300 Mounted Sentry [Model # SS-300-MS]

The Model 300 Mounted Sentry fume extractor is an industrial air cleaner that is designed to be mounted directly to or on top of a workbench, a fume hood, or enclosed machinery. This unit is equipped with a powerful fan and a variety of inlet collar sizes (4", 5", 6" Diameter). Integrating the Mounted Sentry with existing machinery is simple because of the unit's small footprint, low power consumption, and lightweight frame. An optional remote control is available for those mounting their units in elevated locations.

Air Volume: Up to 350 CFM High; Down to 50 CFM Low (Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V)

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon

Base Unit Dimensions: 15.5" L x 13" W x 16.5" H

Electrical: 115/1/60, 2 amps; 220/1/50, 0.75 amps



Model 400 Mounted Sentry [Model # SS-400-MS]

The Model 400 Mounted Sentry fume extractor is equipped with a powerful fan and a variety of inlet collar sizes (6" and 10" Diameter) to match your unique application. This unit's small footprint, lightweight frame, and multiple mounting configurations make it a modular solution for integration with existing machinery. This system also features a variable speed controller and optional remote control.

Air Volume: Up to 700 CFM High; Down to 50 CFM Low (Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V)

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon

Base Unit Dimensions: 22.5" L x 22" W x 19.5" H

Electrical: 115/1/60, 2.5 amps; 220/1/50, 1.5 amps



Model 450 Mounted Sentry [Model # SS-450-MS]

The Model 450 Mounted Sentry fume extractor has the same footprint as the Model 400 but is capable of up to 950 CFM of air volume. This unit's small footprint, lightweight frame, and multiple mounting configurations make it a modular solution for integration with existing machinery. This system also features a variable speed controller and optional remote control.

Air Volume: Up to 950 CFM High; Down to 50 CFM Low (Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V)

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon

Base Unit Dimensions: 22.5" L x 22" W x 19.5" H

Electrical: 115/1/60, 10.7 amps; 220/1/50, 1.5 amps

SOURCE-CAPTURE STANDALONE CONFIGURATION



Model 200 Floor Sentry [Model # SS-200-FS]

The Model 200 Floor Sentry is a lightweight and portable fume extractor that is engineered with a self-supportive flex arm for easy maneuvering and optimum source capture placement. This unit can be placed on the floor to free up much needed work space, or it can sit on the benchtop; the Floor Sentry's small footprint takes up minimal workspace. The lightweight flex arm is designed to be placed right next to the source of fumes or particulate to capture them before they are able to escape into the working environment.

Air Volume: Up to 100 CFM

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 10.5" L x 8" W x 10.5" H

Electrical: 115/1/60, 0.3 amps; 220/1/50, 0.2 amps



Model 300 Portable Floor Sentry [Model # SS-300-PFS]

The Model 300 Portable Floor Sentry fume extractor is a safety engineering control used for the capture and filtration of airborne contaminants. This source-capture fume extractor features heavy-duty casters for easy mobility, a 5" diameter flame-retardant and self-supportive flex arm, a small footprint, and high-quality filtration media. Other features include a variable speed controller, attached portability handle, 360 degree swivel arm, and optional accessories including a magnehelic gauge, digital hour counter, and quick change pre-filter.

Air Volume: Up to 350 CFM High; Down to 50 CFM Low (Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V)

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 15.5" L x 13" W x 16.5" H

Electrical: 115/1/60, 2 amps; 220/1/50, 0.75 amps



Model 400 Portable Floor Sentry [Model # SS-400-PFS]

The Model 400 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. Other features include a variable speed controller, portability handle, and optional accessories including a magnehelic gauge, digital hour counter, and quick change pre-filter.

Air Volume: Up to 700 CFM High; Down to 50 CFM Low (Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V)

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 22.5" L x 22" W x 19.5" H

Electrical: 115/1/60, 2.5 amps; 220/1/50, 1.5 amps



Model 450 Portable Floor Sentry [Model # SS-450-PFS]

The Model 450 Portable Floor Sentry fume extractor has the same footprint as the Model 400 but is capable of up to 950 CFM of air volume. 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. Other features include a variable speed controller, portability handle, and optional accessories including a magnehelic gauge, digital hour counter, and quick change pre-filter.

Air Volume: Up to 950 CFM High; Down to 50 CFM Low (Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V)

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 22.5" L x 22" W x 19.5" H

Electrical: 115/1/60, 10.7 amps; 220/1/50, 1.5 amps

MULTIPLE EXHAUST PORT CONFIGURATIONS



Model 300 Floor Sentry Double [Model # SS-300-FSD]

The Model 300 Floor Sentry Double is designed to provide portable fume extraction to two operators simultaneously. Two flame-retardant, self-supportive flex arms provide equal suction at both inlets, which directs contaminants into the patented filtration system. This unit features heavy-duty casters for easy mobility 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.

Air Volume: Up to 175 CFM High; Down to 50 CFM Low (per arm) [Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V]

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 15.5" L x 13" W x 16.5" H

Electrical: 115/1/60, 2 amps; 220/1/50, 0.75 amps



Model 400 Floor Sentry Double [Model # SS-400-FSD]

The Model 400 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. This unit features heavy-duty casters for easy mobility 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.

Air Volume: Up to 350 CFM High; Down to 50 CFM Low (per arm) [Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V]

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 22.5" L x 22" W x 19.5" H

Electrical: 115/1/60, 2.5 amps; 220/1/50, 1.5 amps



Model 450 Floor Sentry Double [Model # SS-450-FSD]

The Model 450 Portable Floor Sentry Double fume extractor has the same footprint as the Model 400 but is capable of up to 475 CFM of air volume per arm. These energy-efficient systems are equipped with two flame-retardant, self-supportive flex arms that provide equal suction at both inlets. This unit features heavy-duty casters for easy mobility 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.

Air Volume: Up to 475 CFM High; Down to 50 CFM Low (per arm) [Variable Speed Control standard on 115V; On/Off Toggle Switch standard on 220V]

Filtration Media: HEPA; ASHRAE; ULPA; Activated Carbon; Specialty Blended

Base Unit Dimensions: 22.5" L x 22" W x 19.5" H

Electrical: 115/1/60, 10.7 amps; 220/1/50, 1.5 amps

CUSTOM LASER FUME EXTRACTORS AVAILABLE

