

PROTECT YOURSELF FROM BREATHING WILDFIRE SMOKE



Dimensions are Approximate

PORTABLE ROOM AIR CLEANERS

Proudly made in the USA



- ▶ Significantly improve your indoor air quality
- ▶ Reduces respiratory hazards of wildfire smoke
- ▶ Help to adsorb odors and gases
- ▶ No need for exterior venting or make-up air

► PORTABLE ROOM AIR CLEANERS

Smoke is made up of a complex mixture of gases and fine particles produced when wood and other organic materials burn. The biggest health threat from smoke is from fine particles. These microscopic particles can penetrate deep into your lungs. They can cause a range of health problems, from burning eyes and a runny nose to aggravated chronic heart and lung diseases.

An indoor air filter, more specifically, HEPA filtration can be a real help when forest fire smoke is in the air. We offer multiple sizes of air cleaners ranging from 80 CFM up to 700 CFM depending on the size, efficiency and filtration requirements that you have.

We have four available models that can be customized to your applications and needs:

	SS-200-PRAC	SS-300-PRAC	SS-400-PRAC	SS-700-FH
Use	Ambient Air Cleaner	Fume & Particulate Removal	Fume & Particulate Removal	Ambient Air Cleaner
Cabinet Dimensions	10½" L x 8" W x 10¾" H	15½" L x 13" W x 14½" H	22½" L x 20" W x 17¾" H	32⅝" L x 24¾" W x 14½" H
Weight	12 lbs.	Approx. 40 lbs.	Approx. 50 - 100 lbs.	Approx. 132 - 160 lbs.
Cabinet Materials	16 ga. carbon steel	16 ga. carbon steel With polyester and poxy coating on all surfaces	16 ga. carbon steel	16 ga. carbon steel Power coated
Depending on the application:				
Filtration	<ul style="list-style-type: none"> • HEPA • ASHRAE • Activated Carbon 	<ul style="list-style-type: none"> • HEPA • ASHRAE • Activated Carbon • Specialty-blended filter media (i.e. Acid gas, mercury, aldehyde, ammonia) 		<ul style="list-style-type: none"> • HEPA • ASHRAE • MERV 7 Pre and Post-filter • Refillable Carbon & Specialty Blended Carbon
Variable speed control Standard on 115V				
Air Volume	Up to 100 CFM Varies with filter media	350 CFM high Down to 50 CFM low On/off toggle switch Standard on 220V	700 CFM high, Down to 50 CFM low On/off toggle switch Standard on 220V	700 CFM high
Electrical	115/1/60, Approx. 0.3 Amps 220/1/50, Approx. 0.2 Amps	115/1/60, 2 Amps 220/1/50, 0.75 Amps	115/1/60, 2.5 Amps 220/1/50, 1.5 Amps	115/1/60, 4.9 Amps
8' grounded power cord with NEMA 5-15P Plug				
Sound Level	58 dba @ 3'	61 to 66 dba (blower speed: low to high)	Approx. 60 dba @3'	Approx. 71 dBA @3' (high)
Warranty	**Limited two-year warranty from date of shipment on defects due to materials or workmanship			

Technical Applications Specialists are available to discuss your application and needs in regards to wildfire smoke filtration.

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► MODEL 200 PORTABLE ROOM AIR CLEANER

Ambient Air Cleaner

The Model 200 Portable Room Air Cleaner is a compact and highly efficient choice for workplace environments where ambient air cleaning is desired.

This unit's powerful fan combines with a HEPA filter [up to 99.97% efficient on particles 0.3 microns and larger] and/or Activated Carbon filtration for organic chemicals. This system features quiet operation, low power consumption, and variable speed control. Typical uses may include office air cleaner, room air cleaner, hospital air cleaner, dust control, odor control and a variety of applications involving chemical fumes and particulate.

The Model 200 Portable Room Air Cleaner can provide an effective and economical solution for many commercial, medical, laboratory and industrial ambient air cleaning applications.



Dimensions are approximate

PRODUCT FEATURES

- ✓ Variable Speed Controller *Included (115V only)*
- ✓ Quiet Operation
- ✓ Highly Portable and Lightweight
- ✓ Reliable, Low Maintenance Operation
- ✓ Low Power Consumption
- ✓ Simple, Quick "No Tool" Filter Change
- ✓ Long Filter Life
- ✓ Sturdy Construction
- ✓ Optional Hour Counter

SS-200-PRAC

Cabinet Dimensions	10½" L x 8" W x 10¾" H
Weight	12 lbs.
Cabinet Materials	16 ga. carbon steel
Filtration	Depending on the application: <ul style="list-style-type: none"> • 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
Air Volume	Variable speed control Standard on 115V Up to 100 CFM Varies with filter media
Electrical	115/1/60, Approx. 0.3 Amps 220/1/50, Approx. 0.2 Amps 8' grounded power cord with NEMA 5-15P Plug
Sound Level	58 dba @ 3'
Warranty	**Limited two-year warranty from date of shipment on defects due to materials or workmanship
Patented Design	U.S. PATENT #5,843,197

Special discount pricing available for California residents affected by wildfire smoke.
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► MODEL 300 PORTABLE ROOM AIR CLEANER

Fume & Particulate Removal

The Model 300 Portable Room Air Cleaner is a highly efficient and portable ambient room air cleaner. This unit is equipped with a powerful fan and high-quality HEPA filtration media that is up to 99.97% efficient on particles 0.3 microns and larger. Activated Carbon filtration is also an option for the removal of organic chemicals and odors. This system features quiet operation, low power consumption, and variable speed control. The small footprint of the Portable Room Air Cleaner makes it an ideal choice for smaller environments that require air purification.

Typical uses for this room air cleaner include hospital air cleaner, laboratory air cleaner, office air cleaner, general room air cleaner, dust control, odor control and a variety of applications involving chemical fumes and particulate. The Model 300 Portable Room Air Cleaner can provide an effective and economical solution for many commercial, medical, laboratory and industrial ambient air cleaning applications.



Dimensions are approximate
Shown with Optional Features

PRODUCT FEATURES

- ✓ Variable Speed Controller *Included (115V only)*
- ✓ Quiet Operation
- ✓ Reliable, Low Maintenance Operation
- ✓ Low Power Consumption
- ✓ Simple, Quick "No Tool" Filter Change
- ✓ Optional Magnehelic Gage
- ✓ Long Filter Life
- ✓ Sturdy Construction
- ✓ Optional Hour Counter

SS-300-PRAC

Cabinet Dimensions	15½" L x 13" W x 14½" H
Weight	Approx. 40 lbs.
Cabinet Materials	16 ga. carbon steel With polyester and poxy coating on all surfaces
Filtration	Depending on the application: <ul style="list-style-type: none"> • 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) <ul style="list-style-type: none"> • Activated Carbon • Specialty-blended filter media (i.e. Acid gas, mercury, aldehyde, ammonia)
Air Volume	Variable speed control Standard on 115V 350 CFM high, Down to 50 CFM low On/off toggle switch standard on 220V
Electrical	115/1/60, 2 Amps 220/1/50, 0.75 Amps 8' grounded power cord with NEMA 5-15P Plug
Sound Level	61 to 66 dba (blower speed: low to high)
Warranty	**Limited two-year warranty from date of shipment on defects due to materials or workmanship
Patented Design	U.S. PATENT #5,843,197

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► MODEL 400 PORTABLE ROOM AIR CLEANER

Fume & Particulate Removal

The Model 400 Portable Room Air Cleaner is a highly efficient and compact ambient room air cleaner that features quiet operation, low power consumption, and variable speed control. Typical uses for this room air cleaner are ambient air cleaning in medical environments, laboratory air cleaner, office air cleaner, general room air cleaner, dust control, odor control and a variety of applications involving chemical fumes and particulate.

This air cleaner is equipped with a powerful fan and high-quality HEPA filtration media that is up to 99.97% efficient on particles 0.3 microns and larger. For those that wish to control organic chemicals and odors, Activated Carbon filtration is also an option. The small footprint of the Portable Room Air Cleaner makes it an ideal choice for smaller environments that require air purification.

The Model 400 Portable Room Air Cleaner can provide an effective and economical solution for many commercial, medical, laboratory and industrial ambient air cleaning applications. Two smaller models [SS-200-PRAC & SS-300-PRAC] and one larger model [SS-450-PRAC] are also available.



Dimensions are approximate
Shown with Optional Features

PRODUCT FEATURES

- ✓ Variable Speed Controller *Included (115V only)*
- ✓ Portability Casters Included
- ✓ Reliable, Low Maintenance Operation
- ✓ Low Power Consumption
- ✓ Simple, Quick "No Tool" Filter Change
- ✓ Optional Magnehelic Gage
- ✓ Long Filter Life
- ✓ Quiet Operation
- ✓ Optional Hour Counter

SS-400-PRAC

Cabinet Dimensions	22½" L x 20" W x 17¾" H
Weight	Approx. 50 - 100 lbs.
Cabinet Materials	16 ga. carbon steel
Filtration	<p>Depending on the application:</p> <ul style="list-style-type: none"> • 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) <ul style="list-style-type: none"> • Activated Carbon • Specialty-blended filter media (i.e. Acid gas, mercury, aldehyde, ammonia)
Air Volume	<p>Variable speed control Standard on 115V 700 CFM high, Down to 50 CFM low On/off toggle switch standard on 220V</p>
Electrical	<p>115/1/60, 2.5 Amps 220/1/50, 1.5 Amps 8' grounded power cord with NEMA 5-15P Plug</p>
Sound Level	Approx. 60 dba @3'
Warranty	<p>**Limited two-year warranty from date of shipment on defects due to materials or workmanship</p>
Patented Design	U.S. PATENT #5,843,197

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► MODEL 700 FREE-HANGING AIR CLEANER

Ambient Air Cleaner

The Model 700 Free-Hanging Air Cleaner is a mid-size commercial-grade air filtration system with a quad-filter chamber. It is highly effective for removing renegade and ambient pollutants without the need for external ducting, or make-up air.

This compact unit is uniquely designed for multiple mounting configurations. One popular option is to affix the unit to a desired ceiling location, either flush mount and free-hanging mount. Both options take up zero floor space. Another option is to mount the unit to our Fume Extractor Stand which takes up minimal floor space and is ideal for environments with high ceilings.



Dimensions are approximate

Typical applications include laboratories, solvent fume control, pharmacy pill dust, secondary clean room scrubber, ambient shop fume control, and light grinding. It is also effective for general air cleaning in environments such as restaurants, event venues, game halls, community buildings, offices, cafeterias, sports facilities and other commercial arenas.

The quad-stage filtration system is composed of pre- and post-filters and the main filter chamber holds two full-size filters. Filter pairing is available by offering a HEPA or 95% ASHRAE filter with a carbon filter or impregnated media for applications that have both particulates and fumes.

PRODUCT FEATURES

- ✓ Easy Access to Filters
- ✓ Quiet Operation
- ✓ Adjustable Grill
- ✓ Reliable, Low Maintenance Operation
- ✓ Low Power Consumption
- ✓ Simple, Quick "No Tool" Filter Change
- ✓ Long Filter Life
- ✓ Sturdy Construction


SS-700-FH

Cabinet Dimensions	32 ⁵ / ₈ " L x 24 ³ / ₄ " W x 14 ¹ / ₂ " H
Weight	Approx. 132 – 160 lbs.
Cabinet Materials	16 ga. carbon steel Power coated
Filtration	<ul style="list-style-type: none">• MERV 7 Pre- and Post-filter (up to 70% efficient at 3 microns and larger)<ul style="list-style-type: none">• HEPA (up to 99.97% efficient on particles 0.3 microns and larger)• 95% ASHRAE (up to 95% efficient on particles 0.5 microns and larger)<ul style="list-style-type: none">• Refillable Carbon & Specialty Blended Carbon (Efficiency varies depending on application)
Air Volume	Variable speed control Standard on 115V 700 CFM high
Electrical	115/1/60, 4.9 Amps 8' grounded power cord with NEMA 5-15P Plug
Sound Level	Approx. 71 dBA @3' (high)
Warranty	**Limited two-year warranty from date of shipment on defects due to materials or workmanship
Patented Design	U.S. PATENT #5,843,197

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ABOUT US

Founded in 1983, Sentry Air Systems, Inc. engineers clean air through the design and manufacturing of high quality air purification systems proudly made in the USA. 

Our patented line of quiet, compact and durable air cleaners offers simple and effective solutions to fume control and extraction.

Our line of floor, bench top, mounted and portable units serve a variety of applications including welding, soldering, manufacturing, laboratory and pharmaceutical operations. We offer several types of filter media including: ULPA, HEPA, ASHRAE, Carbon, Acid Gas, and specialty blended filters. At Sentry Air we stringently test our filter media against a variety of chemicals.

CONTACT US



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