

# STERIL-ZONE®

Pure Air. Real Science.™



*A new generation  
of air purification*

**For the spaces where you live, work and play.**



# Steril-Zone and the Science of Clean Air



Are you just looking to keep your home or workplace cleaner, healthier and free of pollutants and odors? Steril-Zone uses real science to create clean air that will keep you and your family breathing easier.

Indoor air pollutants fall into three major categories. Steril-Zone combines three scientifically proven air purification technologies - one for each class of pollutants - to provide a safe, effective and energy-efficient way to **clean the air in rooms up to 1,000 square feet!**

- Uses the highest germicidal UVC technology to destroy biological contaminants, like mold, bacteria and viruses, achieving a whole new level of air cleaning.
- Carbon absorption removes VOCs that create irritating odors.
- Uses a high efficiency pleated filter media to trap particulates down to 0.3 microns - without using ionization or electrostatic charges.
- Safe and ozone-free, Steril-Zone is used around the world in hospitals, clinics, laboratories, schools, government facilities, offices and homes..

*Protects you and your family from:*

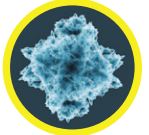
POLLEN



BACTERIA



DUST



MOLD



VIRUSES



VOCs



SMOKE



ODOR



PET DANDER

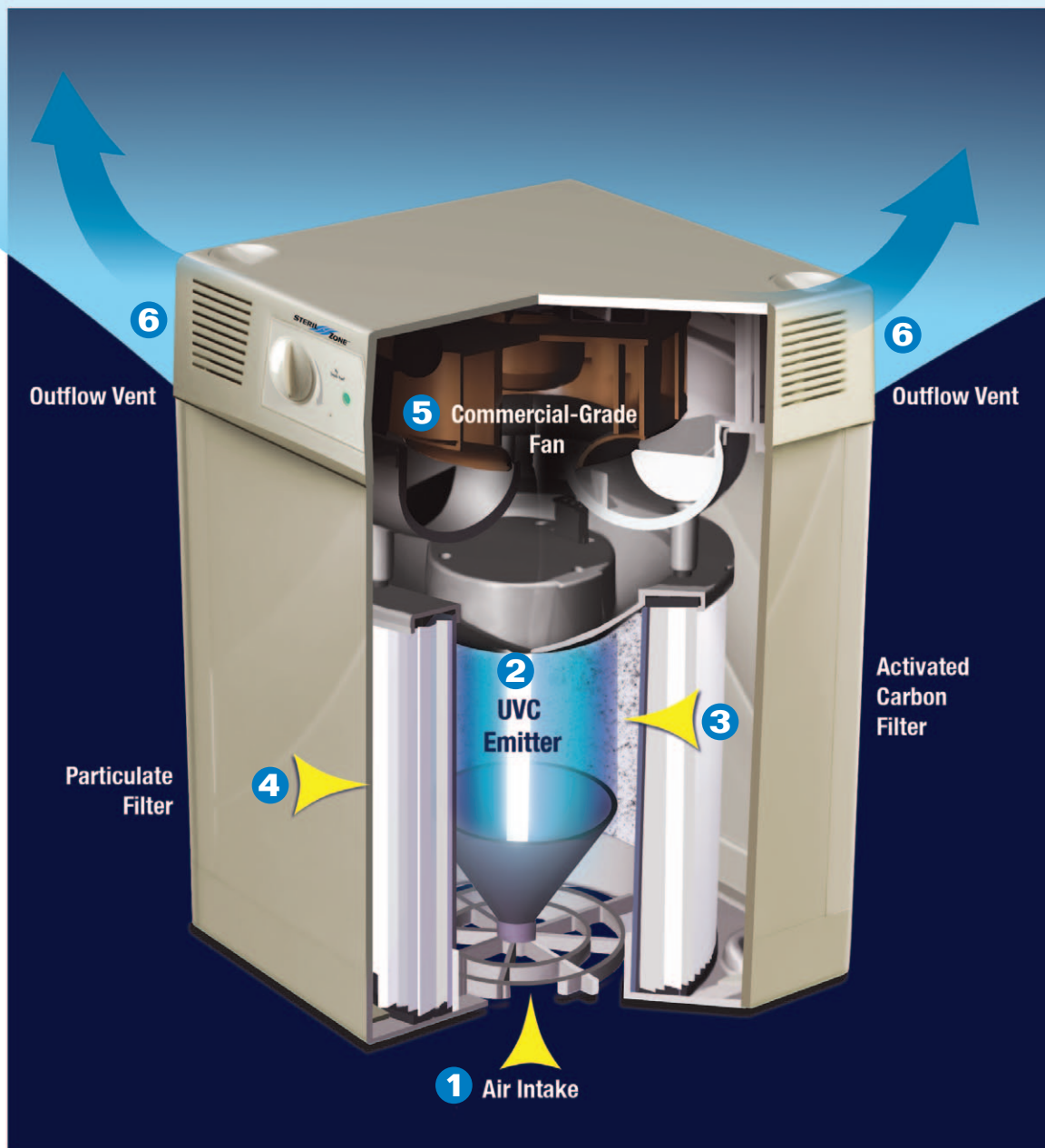


Pollutant Class	Typical Examples	Steril-Zone Component
Particulates	Dust, pollen, pet dander	95% efficiency particulate air filter at 0.3 micron
Volatile organic compounds (VOCs)	Smoke, pet and human odors, cooking fumes & odors	Patented extended-life activated carbon filter
Microorganisms	Viruses, bacteria and mold	Germicidal UVC Emitter™

# How Steril-Zone works to protect your home

The air flows through a **three-stage purification zone** that destroys allergens and pollutants to bring you a whole new level of air cleaning.

- 1 Air enters through an **Air Intake** opening at the base of the unit
- 2 The germicidal **UVC Emitter™** kills viruses, bacteria, mold and other airborne microorganisms
- 3 The extended-life **Activated Carbon Filter** removes VOCs and odors
- 4 The high-efficiency **Particulate Filter** captures particulates from the air
- 5 A **Commercial-Grade Fan** moves air at a rate of up to five changes per hour
- 6 Clean air exits through the **Outflow Vents**



**Uses a Patented Germicidal UVC Emitter™** Filters simply cannot kill microbes - they collect and may be re-released. The Steril-Aire UVC Emitter™ produces energy in the ultraviolet spectrum to penetrate the tiniest microbes, destroying their DNA and RNA.

**Attacks Irritants and Pollutants.** Steril-Zone helps eliminate all three types of pollutants with its three stage purification zone.

**Extends Carbon Filter Life.** Steril-Zone uses a patented process to break down VOCs that the carbon traps, extending the carbon filter life.

**Safe and Ozone-Free.** Ozone is proven to be harmful because it can damage the respiratory system. Steril-Zone produces no ozone or other secondary contaminants.

**Provides Superior Air Movement.** To clean air, we must move the air. Steril-Zone has a commercial-grade fan that moves air at up to 250 cfm with an exchange rate of up to five per hour in the average room.

**Cleans up to 1,000 square feet.** Compact but powerful, Steril-Zone can do the job of two or three competitive units.

# Clean air for the spaces where you live, work and play.

## Steril-Zone... brought to you by Steril-Aire, the leader in UVC technology.

**Steril-Zone** is ideal for residential rooms, offices, community centers, waiting rooms, hotel rooms, apartments, condos, day care and senior facilities. **Steril-Zone** promises clean air for the spaces where you live, work and play.

### Steril-Zone Specifications:

<b>Room size</b>	Recommended for rooms up to 1,000 square feet
<b>Three-stage filter unit life</b>	9,000 hours of operation (approximately 1 year of continuous operation)
<b>Fan Speeds</b>	Variable speed fan for maximum user control. Max. air delivery up to 250 cfm (cubic feet per minute)
<b>Fan noise level (decibels)</b>	Low fan speed - 38 dBA High fan speed - 58 dBA
<b>Particulate filter efficiency</b>	Filters particles down to 0.3 micron in size with 95% efficiency. MERV 16 filter rating
<b>UVC Lamp Intensity</b>	1,600 microwatts per square centimeter at the face of the carbon filter
<b>Activated carbon filter</b>	Activated carbon filter is the most effective type of filter to adsorb chemicals, gases, cigarette smoke and odors. The Steril-Zone unique technology extends the life of the activated carbon.
<b>Safety</b>	Ozone-free Interlock disconnect switch UVC shield
<b>Display panel - Indicator</b>	Green = ready Yellow = 6,000 hours - time to order filter replacement unit Red = 9,000 hours - time to replace filter unit
<b>Power Consumption</b>	Total unit power consumption: Low = 120 watts High = 160 watts
<b>Operating Voltage</b>	120 volts, single phase, 60 hertz
<b>Size</b>	W 13.5" x D 15" x H 21"
<b>Weight</b>	19 lbs.
<b>Housing</b>	ABS (UV stabilized), non-offgassing, high impact resistant plastic
<b>Finish / Color</b>	Neutral beige
<b>Patents</b>	US Patents: 6,423,882 6,783,578
<b>Warranty</b>	5-year limited warranty
<b>Certifications</b>	UL certification pending; CE certified

*In the 1990s, Steril-Aire, Inc. pioneered the use of UVC light for microbial control in commercial and residential air conditioning systems. Building managers and engineers quickly recognized that Steril-Aire devices could provide a new level of air cleanliness not possible with conventional air filters alone. Today, these devices are found in thousands of buildings around the world including hospitals, clinics, laboratories, schools, government facilities, office buildings and homes.*

*Steril-Aire has earned more patents, more industry awards, and greater worldwide acceptance than anyone in the UVC industry. Steril-Aire's experience and reputation have become synonymous with the best indoor air quality solutions available.*

*You can trust that Steril-Zone delivers clean air through real science.*

**STERIL-ZONE®**

Manufactured By  
**Steril-Aire, Inc.**  
818-565-1128

[www.steril-zone.com](http://www.steril-zone.com)

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