

FRESH AIR SURROUND



NOT YOUR AVERAGE AIR PURIFIER



CERTIFIED SPACE TECHNOLOGY



ActivePure® Technology is based on a variation of the technology originally developed for use in the International Space Station and is recognized as the exclusive Certified Space Technology by the Space Foundation in its category.



Model	FreshAir Surround
Electrical	<ul style="list-style-type: none"> • 100 ~ 240VAC 50/60 Hz External Power Supply • 48 watts, 475 LFM • Negative ion generation
Size	<ul style="list-style-type: none"> • Dimensions: 12" high x 9" wide x 12" deep • Weight: 10.2 pounds
Purification Plate Output (High Mode)	7 watts
Coverage	Covers a range of 250 ft ² (23 m ²) to 3000 ft ² (279 m ²)* <small>* Depends on variables such as severity and frequency of pollution, humidity, and temperature.</small>
Warranty	Three Year Limited Warranty

HOW FRESHAIR SURROUND HELPS YOU BREATHE EASIER

Have you ever thought about what's really polluting your home environment? Little ones bring home all those nasty things they touch and spread them everywhere. Garbage cans are funky. The smell of leftover spicy food can linger for days. And who knows what surprises our pets bring in with them.

Now imagine eliminating that pollution at the source. We're not talking about spraying a cloud of flower-fragranced chemicals. Our solution is as easy as pushing a button to keep things cleaner and safer to touch, not to mention smelling fresher. The FreshAir Surround by Vollara is a revolutionary air purifier that does so much more than clean the air. Using the same science as Mother Nature, FreshAir Surround destroys odors, eliminates smoke and reduces contaminants ordinary cleaning can leave behind.

So how does the FreshAir Surround clean and freshen the air? In short, it is technology based on how nature keeps things safe and clean outdoors. The natural processes found in thunderstorms, sunlight, and lightening are recreated indoors. Negatively charged ions remove pollutants from the air. ActivePure Technology duplicates nature to safely reduce contaminants on surfaces.

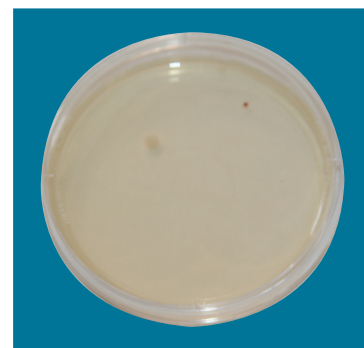
BENEFITS OF FRESHAIR SURROUND

- Reduces airborne contaminants for a healthier environment
- Freshens air and removes odors in otherwise stale-prone environments
- Reduces dirt and dust from the air to make cleaning easier
- Optional Ozone Free bulb allows for operation without creating ozone

FreshAir Surround by Vollara is like 24/7 healthy home insurance. It is the core of Vollara's total protection package for whole-home environmental conditioning. FreshAir is always working - sending out an active army of safe and natural ions as well as pollutant-controlling, odor reducing and oxygen-rich 'scrubbers' to make your home safer and healthier.



Before FreshAir



After 8 hours with FreshAir technology

Before and after laboratory tests showing reductions of airborne contaminants with the FreshAir Surround.

Based on preliminary test results. Field results may vary. Results do not constitute scientific substantiation.

This product does not meet California or Canada requirements and cannot be shipped to California or Canada.

FRESHAIR SURROUND

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PRODUCT FEATURES

The advanced technology contained within the FreshAir Surround serves to make breathing easier, cleaner and healthier. This convenient, in-home unit provides the cleanest, freshest air possible throughout the entire home.

- Uses super oxide ions and hydro peroxides created by ActivePure Technology to reduce contaminants
- Negatively charged ions reduce microscopic particles from the air that will reduce harmful airborne pollutants.
- Features a high intensity UVC light that makes use of the same oxidation and ionizing properties of light as naturally occurring sunlight
- FreshAir Surround with ActivePure Technology, Certified Space Technology™, creates healthier living spaces
- Normal Mode uses our exclusive ActivePure (RCI) technology to produce safe, low-level, natural oxidizers and super oxide ions for basic, everyday applications
- High Mode adds the power of activated oxygen for faster coverage and increased elimination of smoke, odor, and surface contaminants
- 8-hour Away Mode increases the maximum output of activated oxygen for incredible effectiveness in unoccupied areas
- Includes a remote control for easy operation
- An optional prefilter is available if your environment is exceptionally dusty
- Improves the quality of air in an environment up to 3,000 sq. feet
- IntelliAir Technology alerts you when normal maintenance is needed or service is required



ABOUT VOLLARA:

You've always heard we are what we eat... NOT TRUE... we are what we ABSORB! Air, water and nutrients are all vital to our health and what we absorb is the key. Vollara technologies offer complete health choices: choices to purify the air you breathe and the surfaces you touch, enrich the water you drink, support your immune system and strengthen your body. Our in-house team works closely with our esteemed Medical and Scientific Advisory Board that tests and researches every component of every technology to ensure we are delivering solid, best-in-class products. Our proven business systems empower people to command their financial footing, to bring security to their lives, to provide for themselves and their loved ones and to help all of us care for this precious planet with which we have been blessed. Welcome to a new way to live healthy. Welcome to Uncompromising Health™ by Vollara.



FreshAir Surround



Did you know that each of us consumes more air every day than anything else in the world? It's true. We each breathe in over 3,000 gallons of air every day. And don't we all want to breathe pure, fresh air? Unfortunately the air outside can be bad, and indoors where we spend most of our time, the air can be much worse. In fact according to the Environmental Protection Agency (EPA), indoor air levels of many pollutants may be 2-5 times, and sometimes, more than 100 times higher than outdoor levels. Without some method of control, airborne contaminants can be breathed in or eventually settle on exposed surfaces. But whether you suffer from allergies or not, there is something you can do about it. FreshAir Surround combines five nature-based processes into one unique, proven, active technology system that helps clean the air you breathe and the surfaces you touch.



About Indoor Air

One alarmingly simple fact to consider: if you don't use an air purifier, you are the air purifier. The EPA says the average adult breathes over 3,000 gallons of air each day and spends a significant amount of time, up to 90%, indoors. The Asthma and Allergy Foundation of America (AAFA) reports that one in four Americans currently suffer from asthma and allergies. And while the human respiratory system has several built-in defenses to prevent substances from entering the lungs, utilizing air purification to remove or reduce the amount of airborne pollution in the breathing space can potentially ease the burden of contamination in the body and help maintain overall wellness. Those common household airborne pollutants can potentially include:

- Dust which is generally comprised of dead skin, dust mites and dust mite feces, insect parts, and more.
- Smoke emanating from tobacco, wood-burning fireplaces, fuel-burning heaters, and cooking.
- Chemicals from spray cleaners, perfumed deodorizers, carpets, and other building materials.
- Various microscopic bacteria and viruses.

All of these will continue to be of concern as modern building methods and the energy efficiency improvements of retrofitting existing structures continue to seal pollutants within indoor spaces. Such buildings tend to have decreased ventilation rates, higher concentrations of indoor-emitted pollutants, and more occupants reporting health problems.

Dust Mites

It has been reported that up to 80% of U.S. homes have large dust mite infestations, which may not be surprising considering as many as 40,000 dust mites can live in a single ounce of dust. These pests are second only to pollen in causing allergic reactions, mostly from airborne dust mite feces, ranging from itchy noses and eyes to severe asthma attacks. Along with keeping a low relative humidity between 30 – 50%, one of the most obvious methods of controlling dust mites may be to just reduce the amount of dust. An air purifier that works to continuously remove particulate from the air, combined with a thorough cleaning regimen that includes vacuuming can be an effective, simple strategy to minimize the aggravations of airborne dust.

Exposed Surfaces

Contamination on surfaces isn't limited to visible dust - there are numerous other types of contaminants that generally get spread where people live. Whether from sneezing and coughing or just everyday handling, door knobs, counter tops, and almost any exposed surface can become a potential staging ground. It's also interesting to note that, by legal definition, disinfectants must be capable of reducing the level of pathogenic bacteria by 99.999% during a time frame of less than 10 minutes. Yet, as widely accepted as chemical disinfectants are, they may have little or no effect once removed from a surface due to lack of contact exposure. Because of this, some type of surface contaminant reduction between cleanings or disinfection may be desirable and beneficial as part of a regular regimen.

*These results have not been evaluated by the FDA. This product is not a medical device intended to diagnose, treat, cure, or prevent any disease.

**Published scientific studies conducted on behalf of Vollara by Dr. James Marsden at Kansas State University demonstrated that Vollara's ActivePure® Technology substantially reduces contaminants on surfaces. No claim with respect to contaminants is made based on these results. Field results may vary based on environmental conditions.

FreshAir Surround

The Advantage of ActivePure®

With an end result similar to traditional filtration, ActivePure's active technology will clear the air of dust and floating particles, but unlike filters, it works out in the indoor environment, using air from the unit to carry "scrubber" ions and oxidizers through the air and to surfaces where they may be needed most. ActivePure® makes extensive use of five nature-based processes:

- **Sunlight** - for germicidal UV light
- **Rain and thunderstorms** - to generate ionization
- **Lightning** - to produce activated oxygen
- **Photocatalysis** - for hydro peroxides and oxide ions
- **Wind** - to distribute these properties into the environment

Utilizing Lights and Metals

To create oxide ions and powerful oxidizers, the ActivePure® cell located inside the FreshAir Surround utilizes an advanced form of photocatalytic process known as radiant catalytic ionization. This proprietary cell technology incorporates short wave UVC germicidal light as a catalyst to react with a formulated titanium dioxide and a proprietary blend of transition metals coating a target honeycomb matrix. The strong germicidal capabilities of the cell ensure any contaminants passing through the FreshAir Surround are inactivated and rendered harmless.

Ionization Reduces Airborne Particulate

FreshAir Surround includes a dual polarity ionization system designed to bring about the agglomeration of airborne dust particles, odors, smoke, and contaminants to effectively cause them to cluster together and drop from the air. This airborne particulate can contain both pollen and dust along with its various constituents including dust mites, dust mite feces, and insect parts. Tobacco, cooking, and other types of smoke are also removed from the air by ionization through a similar process.

The Power of Activated Oxygen

To eliminate difficult odors as well as odor-causing bacteria at the source, FreshAir Surround offers an adjustable, optional purification function to produce activated oxygen, otherwise known as O₃ or ozone. A naturally occurring oxidizer with a very short half-life of approximately 5 minutes, activated oxygen works to break down all

forms of odors and many types of air pollutants before breaking down itself to basic oxygen, allowing it to be used in unoccupied spaces for odor remediation and dust mite control as well as for everyday low level odor and contaminant control purposes as desired.

Scientifically Studied

Testing on behalf of Vollara by Dr. James Marsden, and others at Kansas State University was conducted to determine the potential use of ActivePure® (RCI) Technology for the inactivation of Staph (Staphylococcus aureus), MRSA (Antibiotic Resistant Staph), E. coli (Escherichia coli), Bacillus spp., Streptococcus spp., Pseudomonas aeruginosa, Listeria monocytogenes, Candida albicans, and black mold on stainless steel surfaces at diverse contact times in a controlled airflow cabinet. Further testing was conducted for Vollara at the University of Cincinnati Center for Health-Related Aerosol Studies to investigate the novel air purification technique combining aerosol/bioaerosol control mechanisms of unipolar ion emission and photocatalytic oxidation promoted by the ActivePure® (RCI) technique. These tests validated the effectiveness of the ActivePure® Technology in controlling contaminants.

An Earth Friendly Value

Active technology air purifiers like FreshAir Surround with ActivePure® offer opportunities to contribute to an earth friendly lifestyle by continuously working to reduce biological contaminants on surfaces which may lessen the amount and impact of chemicals needed for cleaning and deodorizing, potentially saving money and resulting in fewer empty containers going into the trash. By evaluating based on total area covered and suggested retail pricing, Vollara has calculated that FreshAir Surround costs up to 83% LESS per square foot of coverage when compared to popular brands of simple HEPA filters.

Space Certified Technology

ActivePure® Technology is based on a variation of the technology originally developed for use in the International Space Station and is recognized as the exclusive Certified Space Technology by the Space Foundation in its category.

Unique Features of FreshAir Surround

- Uses super oxide ions and hydro peroxides created by ActivePure® Technology to remove contaminants.
- Alternating positive and negative charged ions remove microscopic particles from the air to reduce harmful airborne pollutants.
- Features high intensity UVC light to make use of the same oxidation and ionizing properties as naturally occurring sunlight.
- Certified Space Technology™ (www.spacefoundation.org)
- Normal Mode uses exclusive ActivePure® (RCI) Technology to produce safe, low-level, oxidizers and super oxide ions for basic, everyday applications.
- High Mode adds the power of activated oxygen for faster coverage and increased elimination of smoke, odors, and surface contaminants.
- 8-hour Away Mode increases the maximum output of activated oxygen for increased effectiveness in unoccupied areas.
- Includes a remote control for easy operation.
- Optional Ozone Free ActivePure® Cell allows for operation without creating ozone in normal mode.
- Optional prefilter available for harsh or dust-prone environments.
- Improves the quality of air in an environment up to 3,000 sq. feet.
- Alerts for normal maintenance or when service is required.

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FreshAir Surround

Who Should Use

Without exception, everyone breathes, so it's really a matter of having the knowledge and understanding of what else is being absorbed from the air when it is inhaled. And, unlike other purifiers, FreshAir controls surface contaminants that can affect your health. FreshAir Surround is suitable for anyone concerned about indoor air quality and surface contaminants with the desire to provide a healthier indoor living environment using nature-based, proven technologies that are both convenient and cost effective.

Complementary Products

As one part of a group of essential wellness products designed around the concept of absorbing the best air, water, and nutritional products for overall wellness, FreshAir Surround offers university tested, environmentally active air purification that works out in the indoor environment to provide cleaner, healthier air to breathe as it helps control and eliminate specific contaminants on exposed surfaces.

FreshAir Box - designed to provide the same benefits of ActivePure® in a more compact unit. The FreshAir box is intended for use in smaller homes, apartments, college dorms, basements, and wherever ActivePure® is needed in a smaller indoor space.

LivingWater - offers great-tasting pH-optimized water with buffering alkalinity and antioxidant properties with the convenience of tap water, all at a fraction of the cost of bottled water. When used with naturally occurring extracts and whole food nutritional products, LivingWater may improve effectiveness by increasing absorption into the body and providing pristine hydration.

LaundryPure - supports a "green" lifestyle by helping reduce waste and cut down on energy consumption, eliminating the need to wash clothing in hot water or use detergents. LaundryPure also helps keep laundry chemicals out of clothing, away from sensitive skin, and from going down the drain.

Re:Fuel - offers a naturally occurring, whole food nutritional foundation to build on by covering the body's basic needs of vitamins, minerals and enzymes. Re:Fuel is the starting point for a complete supplementation program.

Re:Plenish - centered around the high ORAC value of the muscadine grape, Re:Plenish is a delicious way to help rejuvenate cells with the power of the antioxidant properties of polyphenolics and resveratrol.

Re:Sist - contains a proprietary blend of herbal extracts, ImmuXTM, Elderberry fruit extract, astragalus root extract, Echinacea extract, Reishi mushroom, Aloe barbadensis and Larch tree arabinogalactans. This blend supports the immune system and includes antioxidants to prevent damage from free radicals.

Frequently Asked Questions

- *How does FreshAir Surround work?*
Five nature-based technologies including short wave UVC light, positive and negative ionization, RF ionization, activated oxygen, and proprietary ActivePure® Technology are combined in one system to very effectively reduce dust and particulate, smoke, odors, and surface contaminants in the indoor environment.
- *What is environmental conditioning?*
Because FreshAir Surround treats interior exposed surfaces as well as indoor air, it doesn't fit into the category of an air purifier only. The term "environmental conditioning" more accurately describes the overall effect of the active technologies within the living area.
- *Should I be concerned about ozone?*
FreshAir Surround provides the OPTION of using activated oxygen (ozone) when desired. The unit produces no ozone when set on Normal Mode, while allowing incremental preset adjustments for specific square footages when set to High Mode. Away Mode should not be used when anyone, including pets, is or will be present in the area. For complete operating procedures, see the FreshAir Surround owner's manual.
- *Is FreshAir Surround loud like a lot of air filtration machines?*
The loudness of an air purifier (measured in decibels) depends on the fan operating speed, and personal noise tolerance. In some

situations, a high fan setting may be somewhat more effective; however fan speed of the FreshAir Surround generally can be adjusted to your preference without adversely affecting overall performance, especially when using ceiling fans or operating an HVAC system.

- *How long should the FreshAir Surround run?*
For best results, it is recommended to continuously run the FreshAir Surround. This allows constant treatment for particle removal and reduction of contaminants on surfaces.
- *Where should I place FreshAir Surround?*
Place the FreshAir in your home, in as high a place as is feasible. By doing so, you'll get the most benefit from the clustering effect of ionization and maximum dispersion of ActivePure® properties and the purifier feature of the FreshAir Surround.
- *What is the expected coverage?*
The FreshAir Surround is designed to cover from 250 to 3000 square feet of area in an average home.
- *How do I know when to clean the unit?*
A notification will appear on the display as a reminder to clean the rear lint screen, purifier plate (if equipped), and to vacuum the ActivePure® cell and front and rear grills. This is a good sign and lets you know how much the FreshAir is helping you and your family.

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FreshAir Surround

Installing

For optimal performance, place FreshAir Surround in your home as high up as possible, near the source of pollution or in the most heavily used area.

Using FreshAir Surround

The power button on the remote or located on the front control panel will turn the unit on and off (standby). The 5-speed fan may be adjusted according to personal sound preference without adversely affecting performance.

The High Mode purification setting turns on the adjustable purification function for added effectiveness.

Reminders and notifications will appear on the screen when it's time for regular servicing or cleaning. For on-the-spot treatment, FreshAir Surround can be easily moved to any room or area.

Away Mode

For periodic additional effectiveness or remediation of stubborn, difficult odors, air quality problems, or surface contaminant issues, the Away Mode can be used, but only in areas that will remain unoccupied for the duration of the treatment.

Special Considerations

FreshAir Surround, which includes an adjustable purification function and Away Mode feature, does not meet California requirements and cannot be shipped to California or Canada. The FreshAir Everest has been designed to accommodate an optional second ActivePure cell in place of the purifier and Away Mode functions, and is available for use in all 50 states as well as Canada.

Warnings

- The rear of the unit should always have at least one inch of open area to allow unrestricted airflow.
- Point the unit toward the center of the room for maximum dispersion of ions.
- When operating a central heating and air conditioning fan, set the coverage up to the total ventilated indoor area. Otherwise, set the coverage up to the size of the room. Do not exceed the size of the ventilated indoor area when setting the purifier level.
- Please note: "unoccupied areas" includes pets. Some pets, like humans, may experience adverse reactions from exposure to increased levels of ozone and should not be present during AWAY MODE operation.
- Do not look directly at the glowing lamp. Prolonged exposure, even to reflected UV light, can cause eye damage according to the American Conference of Governmental Industrial Hygienists (ACGIH) Standards.

Specifications

Model	FreshAir Surround
Electrical	<ul style="list-style-type: none">• 100 ~ 240 VAC 50/60 Hz External Power Supply• 50 watts maximum power consumption• Negative ion generation
Size	<ul style="list-style-type: none">• Dimensions: 12" high x 9" wide x 12" deep• Weight: 16 pounds
Purification Plate Output (High Mode)	7 watts
Coverage	Covers a range of 250 ft ² (23 m ²) to 3000 ft ² (279 m ²)* <small>* Depends on variables such as severity and frequency of pollution, humidity, and temperature.</small>

Key Scientific Studies

National Academy of Sciences, 2011 Jun; S-1 Climate Change, the Indoor Environment, and Health. Committee on the Effect of Climate Change on Indoor Air Quality and Public Health; Institute of Medicine

Journal of Rapid Methods & Automation In Microbiology, 2007 Nov; 15(4):359-68 Efficacy of Radiant Catalytic Ionization and Ozone Generators at Reducing Microbial Populations on Stainless Steel Surfaces. M.T. Ortega, L.J. Franken, P.R. Hatesohl, J.L. Marsden. Department of Animal Sciences and Industry, K-State Food Science Institute, Kansas State University, Manhattan, KS 66506

Environ Sci Technol. 2007 Jan 15;41(2):606-12. Control of Aerosol Contaminants in Indoor Air: Combining the Particle Concentration Reduction with Microbial Inactivation. S.A. Grinshpun, A. Adhikari, T. Honda, K.Y. Kim, M. Toivola, K.S. Ramchander Rao, T. Reponen. Center for Health-Related Aerosol Studies, Dept. of Environmental Health, University of Cincinnati, 3223 Eden Avenue, Cincinnati, OH 45267

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