

SUN AIRE™ PURIFIER MADE IN THE U.S.A!

Covers 2000+ sq. ft. Portable Only 8 lbs.

**Beautiful Brushed Stainless Steel With Handle Measures ONLY 11" X 10" X 8"
Life-time washable pre-filter filters down to 0.5 microns!**



**Many companies know how to identify and remove MOLD.
However, few know how to eliminate MOLD**

- **DESTROYS macro/micro organisms- BACTERIA, VIRUSES,**
- **MOLD, MILDEW, FUNGI, AND MORE - WITH A UVC LIGHT BULB**
 - **RELIEVES ALLERGY/ASTHMA SYMPTONS!**
- **NEUTRALIZES OFFENSIVE ODORS- SMOKE, PET, COOKING,**
 - **CHEMICAL, CARPET, PAINT, SOLVENTS, ETC.**
- **NO EXPENSIVE FILTERS TO HANDLE, DISPOSE OF, AND REPLACE!**
 - **ENERGY USE EQUIVALENT TO A 60 WATT LIGHT BULB!**
 - **PLUGS INTO ANY 110/120 OUTLET-Easy ON/OFF Switch!**
 - **BREATH EASIER with CLEAN, FRESH AIR!**
 - **PORTABLE- Take it with YOU!**

How Do SUN AIRE™ Purifiers WORK?

Room air is pre filtered as it enters the unit. The air is circulated around an ultra-violet, anti-germicidal lamp. The air is "energized" into allotropic oxygen, using this COOL, SAFE, PHOTON PROCESS! The "energized" air is blown out the front of the machine and enters your INDOOR AIR ENVIRONMENT, seeking out contaminates in every NOOK & CRANNY! When the "energized oxygen" comes into contact with a Particulate, Pathogen or Gas, the activated atoms attach themselves to the contaminate. If the contaminate is a gas, it changes its molecular structure. If the contaminate is a particle, it oxidizes it! Excellent for motel/hotel house keeping, plug-in while cleaning rooms, excellent for on-site clean up - water/smoke damage, mold, etc.

**POINT-OF-CONTACT is the KEY to the SUNAIRE SUCCESS!
ONE YEAR FACTORY WARRANTY**

Replacement UVC Bulb – Item No. – SARB

NATURALLIGHTING.COM

888.900.6830

Eliminate Household Odors... Sun Aire™ eliminates odors of smoke and a myriad of other odors from pets (widely used by Veterinarians, Breeders, anyone with indoor pets), cooking, mold, mildew and other household sources. Eliminate hazards provides a much healthier atmosphere and a more comfortable living environment.

Control Indoor Air Pollution...Energy efficiency has resulted in “sick building” syndrome. Many new facilities are built airtight, and the lack of fresh air results in odors, contaminants being trapped inside. Sun Aire™ purifiers can dramatically reduce pollution, contamination, creating a safer indoor environment. Beauty salons, restaurants, lounges, cleaners, stores and many other types of business areas can be cleansed of odors, and contaminants.

Cigarette & Cigar Smoke... Smoke filled restaurants, bars, lounges, pool halls are extremely irritating and dangerous due to second hand smoke. Sun Aire™ purifiers neutralize and eliminate smoke and results in healthy pleasing atmosphere for all customers.

Mold Control & Removal....Mold is a major problem in today's airtight environments. Medical studies have found that mold & mildew are the #1 causes of allergic symptoms. Stachybotrys Chartarum (atra) is a greenish-black fungus that can infect high-cellulose material, such as straw, hay, wet leaves, dry wall, carpet, wall paper, fiber-board, ceiling tiles, thermal insulation, etc. This toxic mold reproduces in areas where relative humidity is above 55%.

Use of a Sun Aire™ purifier, can help eliminate and retard mold growth in your home. Reduce high cost of mold remediation/removal. Thousand of dollars is spent removing mold, and many cases, mold returns within a short time since the spores were distributed into the air and attach to other areas. Resulting in additional growth and problems. The only way to eliminate is use of a UVC air purifier, which destroys and eliminates airborne mold spores. Many know how to identify and remove mold through expensive renovation and repair, however, few know how to eliminate mold. Thousand of dollars is spent on remediation, removal, repair, repainting, and mold will return within a few months. The use of Sun Aire™ will eliminate mold.

Hotel / Motel Room Odor Removal...Sun Aire™ keeps rooms and lobbies smelling fresher and cleaner. Reduce cleanup time, enabling rooms to be in service faster. Rooms stay fresher longer and customers will appreciate the fresh clean, fresh aroma. Sun Aire™ units are portable and safe for use while room is being cleaned. Eliminate odors, and smoke, from rooms. Keeps rooms smelling fresh, and clean without additional work or supplies.

Hospitals, Elderly Care Facilities, Medical, Dental Facilities.....Sun Aire™ purifiers reduce and eliminate airborne bacteria, viruses, and other infections. As noted in the news infections are now known to spread within hospitals, medical facilities, etc. Sun Aire™ can make medical facilities clean and safe and reduce potential hazards.

Vehicle Restorations... Sun Aire™ purifiers can eliminate nasty odors from cars, trucks, vans, buses, and help in elimination of mold, bacteria, etc. from water damaged or fire damaged vehicles. A fresh smelling automobile can help increase sales of used or pre-owned vehicles.

Fire Restorations.....Sun Aire™ purifiers are excellent for eliminating fire & flood odors. These odors, some of the most difficult to remove, can only be effectively removed with a powerful ozone generator.

Pet and Animal odors... Excellent for eliminating pet odors in veterinary offices, kennels, avaries, reptiles, and homes. Eliminate areas of bacteria, viruses, mold, which can be very harmful to pets. Reduce the spread of viruses to other animals.

Controlling Insects and Rodents....Sun Aire™ purifiers eliminate bacteria, and odors from insects and vermin. Use in basements to retard mold growth, as well as keep insects and mice out.

Greenhouse and Hydroponics....The use of **Sun Aire™** purifiers hydroponics or greenhouse setting will help eliminate harmful molds, viruses, bacteria, etc.

Boat Odors....Boats can develop strong fish, mold, and other offensive odors. **Sun Aire™** purifiers help remove mold and fish odors with high ozone shock treatments.

Sun Aire™ purifiers use photo oxidative techniques to quickly and effectively oxidize odors, molds, mildew, fungi bacteria, viruses and other airborne pollutants. Oxygen allotrope (allotrope: one or two or more existing forms of an element. Ex: lampblack, graphite and diamond are allotrope of carbon) in the form of O₄, O₅, O₆, etc. breaks down the molecular structure of noxious and toxic gases as well as other organic matter (the source of mold, mildew and most odors) and pathogens. The process is one of elimination vs. filtration.

Clean Fresh Air – Breathe Easier with Sun Aire™

Ultraviolet germicidal air filtration products are used all over the world to control pathogens. Ultraviolet lamps can make ozone when they produce energy at around 185 nanometers (which is how UV ozone machines function). However, when they operate at 257 nanometers (UVC) they do not produce ozone but this energy is a powerful bactericide and virucide. **Sun Aire™** purifiers use UVC lamps and operate at 257 nanometers for SAFE indoor air purification. UVC alters the genetic code of any single-celled microorganism, causing it to virtually destroy itself.

Sun Aire™ purifier uses a process to make allotropic oxygen from O₄ up to O₁₀. These are very unstable molecules that oxidize harmful pollutants and pathogens much more effectively than ozone. **Sun Aire™** purifiers do not produce nitrous oxides, unlike many other purifiers.

When so-called air purifiers use heat to excite molecules in the air, like lightning occurs outdoors, Nitrogen Oxides form. This is a positive occurrence outdoors because the rain follows and washes the nitrogen into the soil for the plants to utilize. However, when heat is used indoors to excite oxygen molecules in the air into O₃ (OZONE), these same nitrogen oxides combine with the moisture found in the lungs of humans and animals. It then becomes nitric acid, and is not a healthy purification process indoors where humans and animals are breathing. Please review an excerpt from Ed McCabe's book (following page) regarding new technology and difference between PHOTOZONE - using the same COOL LIGHT PHOTON (photon - from the Latin word meaning LIGHT) process with our UVCC lamps. Ultraviolet in the C spectrum is what PURIFIES the air. The sun forms PHOTOZONE daily and continually purifies the air in the same way our **Sun Aire™** Purifiers do.

Mold and fungi is spread by airborne spores. **Sun Aire™** purifiers stops mold, mildew, fungi by oxidizing these airborne contaminants on contact. By stopping airborne reproductive cycle in the air, spores are unable to reproduce when/if they land on a host.

From the book - "Oxygen Therapies" - by Ed McCabe - Pages 140 & 141

NEW TECHNOLOGY

As we have seen in the previous section about the lab researchers, "Cold process" or "Nitric oxide free" types of ozone can be formed from special "ceramic sandwich" composition generators. Cold process ozone can also be formed from air or water that is subjected to high frequencies or ultraviolet light. The amount of type of ozone produced depends on the wavelength of the light being used. The closer we come to the natural sun produced ozone, the less problems there are. Scientists consider light to be a stream of invisible packets or compressions of energy that are called photons or waves. The energy carried by a light's photons increases as the length of the light's wave (wavelength) shortens. Only the UV light that is actually absorbed causes any chemical or physical changes, and atoms and molecules absorb only those wavelengths that provide the right frequency of energy to produce any changes to their status. Let's examine the differences between the traditional commercially produced ozone and the special UV lamp Photozone gas:

PHOTOZONE AND TRADITIONAL HOT SPARK OZONE COMPARED

PHOTOZONE

Negative Ions
pH Basic
No nitrogen oxies
2= hour half-life in tap water
66% negatively charged ozone

OZONE

Positive Ions
pH Acid
Nitrogen oxides present
20 minutes half-life in tap water
96.4% positively charged ozone

As you can see from the above comparison chart, the patented Photozone Advanced Photo Oxidation (APO) process, generates ozone, but has some significant differences: The special Photozone UV lamps produce the exact wavelength needed to produce not only ozone, but other higher forms of activated oxygen as well. No significant corrosive nitric oxides are present. The gas is full of negative ions. Note the similarity to the negative ion avalanche effect noted by the Japanese physicist in the section on cold process ozone. An analysis of the compounds in Photozone gas are as follows:

COMPOUNDS IN PHOTOZONE ACTIVATED OXYGEN GAS

Ozone, O₃, 66.7%
Hydroxyl Radical, OH 14.7%
Hydroperoxy Radical, HO₂, 6.3%
Hydrogen Peroxide, H₂O₂, 5.9%
Atomic Oxygen O, 4.4%
Other Oxidants, 2.0%
Nitrogen Oxides, NO, <0.1%

NOTE: Please note the presence of our friends, the peroxide radicals, and hydrogen peroxide.

Mold Facts

What is mold? There are thousands of types of molds and yeast, the two groups of plants in the fungus family. Yeasts are single cells that divide to form clusters. Molds consist of many cells that grow as branching threads called hyphae. Although both groups can probably cause allergic reactions, only a small number of molds are widely recognized offenders. The seeds or reproductive particles of fungi are called spores. They differ in size, shape, and color among species. Each spore that germinates can give rise to new mold growth, which in turn can produce millions of spores.

What is mold allergy? When inhaled, microscopic fungal spores or, sometimes, fragments of fungi may cause allergic rhinitis. Because they are so small, mold spores may evade the protective mechanisms of the nose and upper respiratory tract to reach the lungs. In a small number of people, symptoms of mold allergy may be brought on or worsened by eating certain foods, such as cheeses, processed with fungi. Occasionally, mushrooms, dried fruits, and foods containing yeast, soy sauce, or vinegar will produce allergic symptoms. There is no known relationship, however, between a respiratory allergy to the mold Penicillin and an allergy to the drug penicillin, made from the mold.

Where do molds grow? Molds can be found wherever there is moisture, oxygen, and a source of the few other chemicals they need. In the fall they grow on rotting logs and fallen leaves, especially in moist, shady areas. In gardens, they can be found in compost piles and on certain grasses and weeds. Some molds attach to grains such as wheat, oats, barley, and corn, making farms, grain bins, and silos likely places to find mold. Hot spots of mold growth in the home include damp basements and closets, bathrooms (especially shower stalls), places where fresh food is stored, refrigerator drip trays, house plants, air conditioners, humidifiers, garbage pails, mattresses, upholstered furniture, and old foam rubber pillows. Bakeries, breweries, barns, dairies, and greenhouses are favorite places for molds to grow. Loggers, mill workers, carpenters, furniture repairers, and upholsterers often work in moldy environments.

Which molds are allergenic? Like pollens, mold spores are important airborne allergens only if they are abundant, easily carried by air currents, and allergenic in their chemical makeup. Found almost everywhere, mold spores in some areas are so numerous they often outnumber the pollens in the air. Fortunately, however, only a few dozen different types are significant allergens. In general, *Alternaria* and *Cladosporium* (*Hormodendrum*) are the molds most commonly found both indoors and outdoors throughout the United States. *Aspergillus*, *Penicillium*, *Helminthosporium*, *Epicoccum*, *Fusarium*, *Mucor*, *Rhizopus*, and *Aureobasidium* (*Pullularia*) are also common.

Are mold counts helpful? Similar to pollen counts, mold counts may suggest the types and relative quantities of fungi present at a certain time and place. For several reasons, however, these counts probably cannot be used as a constant guide for daily activities. One reason is that the number and types of spores actually present in the mold count may have changed considerably in 24 hours because weather and spore dispersal are directly related. Many of the common allergenic molds are of the dry spore type -- they release their spores during dry, windy weather. Other fungi need high humidity, fog, or dew to release their spores. Although rain washes many larger spores out of the air, it also causes some smaller spores to be shot into the air. In addition to the effect of day-to-day weather changes on mold counts, spore populations may also differ between day and night. Day favors dispersal by dry spore types and night favors wet spore types.

Are there other mold-related disorders? Fungi or microorganisms related to them may cause other health problems similar to allergic diseases. Some kinds of *Aspergillus* may cause several different illnesses, including both infections and allergy. These fungi may lodge in the airways or a distant part of the lung and grow until they form a compact sphere known as a "fungus ball." In people with lung damage or serious underlying illnesses, *Aspergillus* may grasp the opportunity to invade the lungs or the whole body. In some individuals, exposure to these fungi also can lead to asthma or to a lung disease resembling severe inflammatory asthma called allergic bronchopulmonary aspergillosis. This latter condition, which occurs only in a minority of people with asthma, is characterized by wheezing, low-grade fever, and coughing up of brown-flecked masses or mucus plugs. Skin testing, blood tests, X-rays, and examination of the sputum for fungi can help establish the diagnosis. Corticosteroid drugs are usually effective in treating this reaction; immunotherapy (allergy shots) is not helpful.