



# Got Allergies?



# Get Airfree!

at Bird Supply of New Hampshire  
[www.birdsupplynh.com](http://www.birdsupplynh.com)



## **Is Your Home or Office Making you Sick?**

**Individuals and Families spend up to 90% of their time indoors. Most of this time is spent either at home or at work. According to the EPA, indoor air pollution can be up to 50 times greater than outdoor pollution.**

**As those with allergies already know, indoor air treatment is extremely important for a healthy, normal lifestyle. Indoor air pollution is the number one concern in the United States today. In fact, the pollutants found indoors may cause 50% of all illness.**

**Airfree® safely destroys 99.99% of all:**

**Molds and Mildews,**

**Viruses,**

**Bacteria,**

**Airborne Allergens,**

**Pet Dander,**

**Ozone,**

**Dust mites,**

**Dust mite feces and skeletons,**

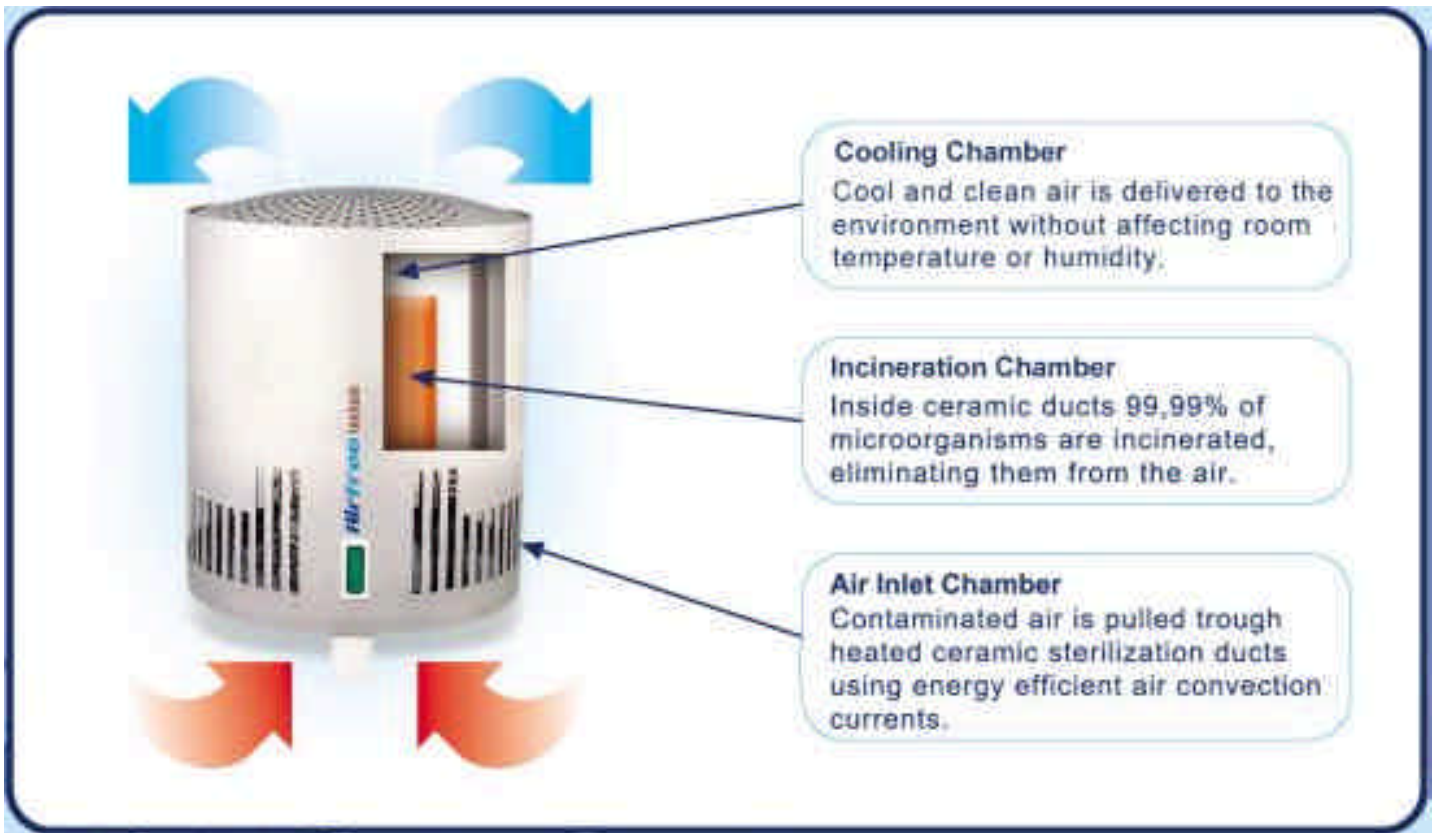
**Organic Odors,**

**and Tobacco Residual Smell,**

**that Pass Through It!**



# How Does Airfree® Work?



## Cooling Chamber

Cool and clean air is delivered to the environment without affecting room temperature or humidity.

## Incineration Chamber

Inside ceramic ducts 99,99% of microorganisms are incinerated, eliminating them from the air.

## Air Inlet Chamber

Contaminated air is pulled through heated ceramic sterilization ducts using energy efficient air convection currents.

This breakthrough technology provides silent, effective operation. Because it works based on a totally natural process, Airfree® doesn't employ chemical or toxic products such as Ozone or UV light.

No moving parts, replacement filters, or replacement lamps.

**Best of all, no maintenance!**

# Independent Test Results From Prom Portugal's National Archives and Library

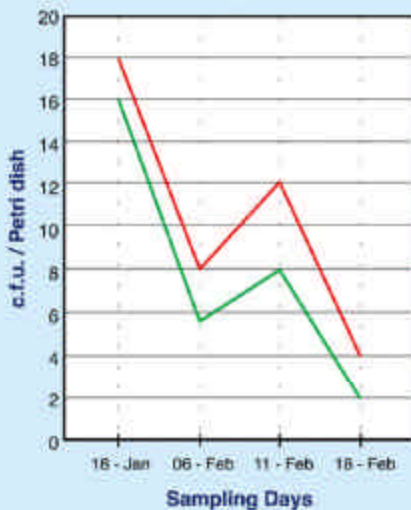
## AIRFREE efficiency confirmed by independent tests:

- SGS / Natec - Germany
- TMC - Technical Micronics Control - USA
- INETI - Portuguese Government Microbiology Laboratories
- SP - Swedish National Testing and Research Institute
- Universidad Complutense de Madrid

Other tests available at: [www.airfree.com](http://www.airfree.com)

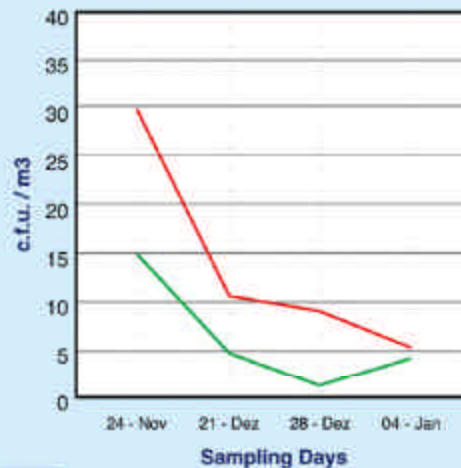


Test at National Archives  
"Book Cleaning Room"



Reduction: 87% molds  
89% bacteria

Test at Portuguese National Library  
"Newspaper Archive Room"



Reduction: 72% molds  
79% bacteria



- No maintenance required, no filters to replace
- Low consumption just 46W
- Silent, no moving parts
- No temperature or humidity interference
- NOT AN IONIZER - NO U.V. EMISSIONS

### FEATURES:

DIAMETER: 8" (20cm), HEIGHT: 10" (25cm), WEIGHT: 4lbs (1.8kg) AIRFLOW: 504cu.ft/h (14m3/h), CAPACITY: 2,000 cu.ft (60m3), NOISELESS, CHEMICAL AND FILTER FREE NOT AN IONIZER

[WWW.airfree.com](http://www.airfree.com)

# Independent Test From a Hotel

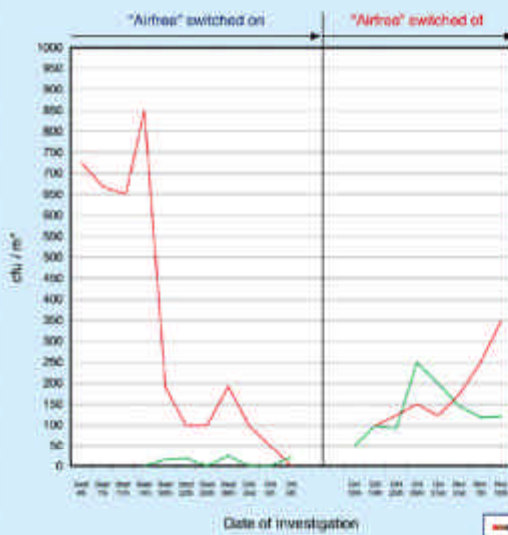
## AIRFREE WAS TESTED AND PROVEN EFFICIENT BY:

- SGS / Natec - Hamburg, Germany
- TMC - Technical Micronics Corp. - USA
- Universidad Complutense de Madrid
- Swedish National Testing and Research Inst.
- INETI - Microbiology Laboratories from the Portuguese Government

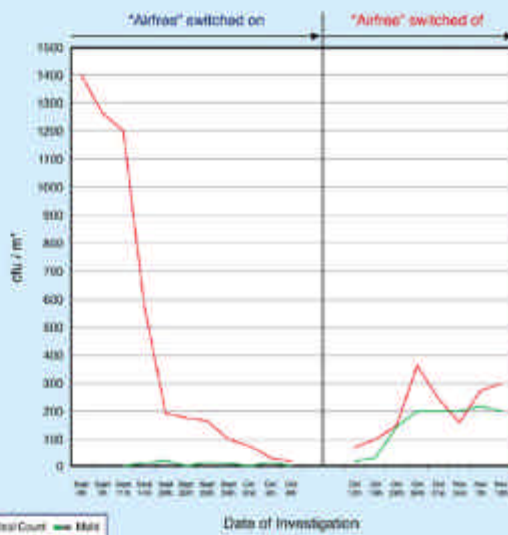


### SGS / Natec - TEST RESULTS

#### TEST-REPORT M00-04990/ROOM NO.9



#### TEST-REPORT M00-04990/ROOM NO.11



- Eliminates airborne fungi spores, bacteria and viruses
- Eliminates organic smells
- Low consumption (45w)
- Noiseless

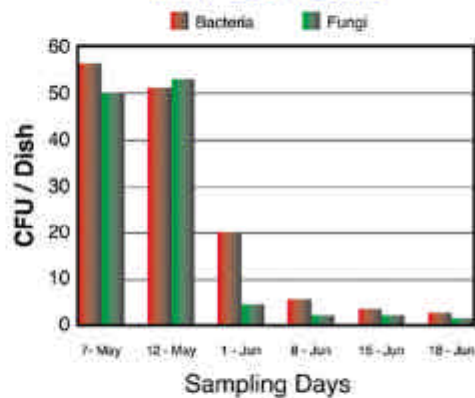
**No maintenance required**



### FEATURES:

DIAMETER: 8" (20cm), HEIGHT: 10" (25cm), WEIGHT: 4lbs (1.8kg) AIRFLOW: 504cu.ft/h (14m<sup>3</sup>/h), CAPACITY: 2,000 cu.ft (60m<sup>3</sup>), NOISELESS, CHEMICAL AND FILTER FREE NOT AN IONIZER

### INETI - TEST RESULTS



Please visit [www.airfree.com](http://www.airfree.com) to check this and other independent tests.



## Listing of Independent Tests Confirming Airfree's Effectiveness.

UNIVERSIDAD COMPLUTENSE DE MADRID	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
UNIVERSIDAD COMPLUTENSE DE MADRID (English)	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
SGS Natec Institute (Germany)	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
TMC – Technical Micronics Control (USA)	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test made in the Portuguese National Archives	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test made in the Portuguese National Library	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test at a Portuguese Bank	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test made at RTP (Portuguese National TV Broadcaster) Archive and Offices	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test at 4 Star Hotel.	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test made at a Hospital	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
INETI – Test in 8 people office in laboratoty	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
CAMPANA – Test at Campana Laboratory	<a href="#"><u>Fungi (Mold) and Bacteria</u></a>
SP – Swedish National Testing and Research Institute	<a href="#"><u>Airflow</u></a>
SP – Swedish National Testing and Research Institute	<a href="#"><u>Particules</u></a>
SP – Swedish National Testing and Research Institute	<a href="#"><u>Emissions</u></a>
SP – Swedish National Testing and Research Institute	<a href="#"><u>V.O.C.</u></a>
SP – Swedish National Testing and Research Institute	<a href="#"><u>Ozone Reduction</u></a>

These independent tests were conducted in libraries, offices, archives, hospitals, and laboratories in regular day-to-day use. In those tested rooms, an average of 85% reduction in mold and airborne microorganisms was achieved. 99.99% of all microorganisms that passed into the Airfree unit were destroyed.

## Which other Air Purifier Offers these Independent Test Results?



## Airfree® and Dust Mites



Mold and mold spores are always present in the air. Those airborne microscopic microorganisms will attach themselves to walls, furniture and other surfaces in any room. When the temperature and moisture level in the environment are suitable for germination, the fungus spores burst and grow into new mold or mildew colonies.

Airfree sterilization ceramic core destroys 99.99% of mold and spores. After 2-3 weeks of continuous usage, mold in the room is reduced in 80% and in some cases in 90%.

Dust mites are microscopic insects that are found everywhere. Studies and tests confirm that 5,000 dust mites can be found on one gram of dust. No matter how well you keep your house, millions can be found living in clothes, carpets, sofas, mattresses, cushions, and even in your food!

The average life span of a dust mite is four months. During this time, it produces 200 times its weight in feces. Young children exposed to dust mites can develop allergic diseases. A study published by the University of Virginia concluded that children exposed to dust mites had a larger tendency to develop asthma.

### Dust Mites Cause 70% of all Respiratory Allergies!

**Quietly and efficiently, Airfree® drastically reduces 85% of all airborne microorganisms. This includes any type of fungi (mold) and its spores, as well as virus and bacteria. Dust mites need the fungi to survive. By removing the fungi, you are ridding yourself of the dust mites!**

**Airfree® also destroys the extremely harmful toxins and fungus freed by dust mite feces that can trigger respiratory allergies.**



## Fungi (Mold) that Airfree is Proven to Eliminate

Name	Disease	Name	Disease
Phialaphora parasitica	Allergic Alveolitis	Phialaphora repens	Allergic Alveolitis
Exophiala jeanselmei	Humidifier water	Phialaphora hoffmannii	Allergic Alveolitis
Phialaphora richardsiae	Allergic Alveolitis	Phialaphora mutabilis	Allergic Alveolitis
Acremonium spp.	Allergic Alveolitis	Trichoderma harzianum	Allergic Alveolitis
Oidoidendron tenuissimum	Allergic Alveolitis	Geomyces pannorum	Allergic Alveolitis
Histoplasma capsulatum	Histoplasmosis	Paecilomyces variotti	Allergic Alveolitis
Wallemia sebi	Allergic Alveolitis	Emericella nidulans	Allergic Alveolitis
Phoma spp.	Allergic Alveolitis	Penicillium brevicompactum	Allergic Alveolitis
Penicillium chrysogenum	Allergic Alveolitis	Penicillium citreonigrum	Possible Allergin
Penicillium commune	Allergic Alveolitis	Penicillium corylophilum	Allergic Alveolitis
Penicillium cyclopium	Possible Allergin	Penicillium expansum	Allergic Alveolitis
Penicillium freii	Possible Allergin	Penicillium glabrum	Allergic Alveolitis
Penicillium hordei	Possible Allergin	Penicillium olsonii	Allergic Alveolitis
Penicillium polonicum	Allergic Alveolitis	Penicillium rugulosum	Possible Allergin
Penicillium solitum	Possible Allergin	Aspergillus flavus	Aspergillosis
Aspergillus fumigatus	Aspergillosis	Aspergillus Niger	Aspergillosis
Aspergillus versicolor	Aspergillosis	Absidia corymbifera	Zygomycosis
Coccidioides immitis	Coccidioidomycosis	Trichoderma viride	Allergic Alveolitis
Rhizomucor pusillus	Allergic Alveolitis	Aureobasidium pullulans	Allergic Alveolitis
Candida albicans	Non-respiratory	Chaetomium obosum	Allergic Alveolitis
Cryptococcus laurentii	Possible Allergin	Cryptococcus albidus	Possible Allergin
Cryptococcus neoforms	Cryptococcosis	Stachybotris chartarum	Allergic Alveolitis
Stachybotris atra	Allergic Alveolitis	Eurotium anstelodami	Allergic Alveolitis
Eurotium herbariorum	Allergic Alveolitis	Eurotium rubrum	Allergic Alveolitis
Scopulariopsis brevicaulis	Onychomycosis	Scopulariopsis fusca	Onychomycosis
Sporothrix schenckii	Sporotrichosis	Botrytis cinera	Allergic Alveolitis
Mucor plumbeus	Mucomycosis	Rhizopus stolonifer	Zygomycosis
Cladosporium cladosporioides	Chromoblastomycosis	Cladosporium herbarium	Chromoblastomycosis
Cladosporium sph.	Chromoblastomycosis	Fusarium culmorum	Allergic Alveolitis
Fusarium graminearum	Allergic Alveolitis	Fusarium moniliforme	Allergic Alveolitis
Fusarium sporotrichiodes	Allergic Alveolitis	Fusarium solani	Allergic Alveolitis
Helminthosporium	Allergic Alveolitis	Blastomyces dermatitidis	Blastomycosis
Rhodoturula minuta	Allergic Alveolitis	Rhodoturula glutinus	Allergic Alveolitis
Rhodoturula mucilaginosa	Allergic Alveolitis	Alternaria alternata	Allergic Alveolitis
Ulocladium chartarum	Allergic Alveolitis	Ulocladium botrytis	Allergic Alveolitis
Paracoccidioides brasiliensis	Paracoccidiomycosis	Epicoccum nigrum	Possible Allergin

**For Every Airfree Claim, there is a Clinical Test to back it up!**

To view the results of our independent tests, go to  
[www.birdsupplynh.com/catalog/airfreeTesting.php](http://www.birdsupplynh.com/catalog/airfreeTesting.php)





## Viruses that Airfree is Proven to Eliminate

Virus Name	Disease Name	Status	Source
Parvovirus B19	Fifth disease, Anemia	Contagious	Humans
Rhinovirus	Common Cold	Contagious	Humans
Coxsackievirus	Common Cold	Contagious	Humans
Ecovirus	Common Cold	Contagious	Humans
Hantavirus	Hantavirus	Non	Rodents
Togavirus	German Measels	Contagious	Humans
Reovirus	Common Cold	Contagious	Humans
Adenovirus	Common Cold	Contagious	Humans
Orthomyxovirus-influenza	Influenza, Flu	Contagious	Humans/Birds
Coronavirus	Common Cold	Contagious	Humans
Morbilvirus	Measles	Contagious	Humans
Varicella-zoster	Chicken Pox	Contagious	Humans
Arenavirus-Junin	Hemmorhagic Fever	Contagious	Rodents
Arenavirus-Machupo	Hemmorhagic Fever	Contagious	Rodents
Arenavirus-Lassa	Lassa Fever	Contagious	Rodents
Filovirus-Marbug	Hemmorhagic Fever	Contagious	Rodents
Parainfluenza	Influenza, Flu	Contagious	Humans
Respiratory Syncyctal Virus	Pneumonia	Contagious	Humans
Poxvirus-Variola*	Smallpox (extinct)	Contagious	Humans
Poxvirus-Vaccina	Cowpox	Non	Agricultural
Monkeypox	Monkeypox	Contagious	Monkeys
Paramyxovirus	Mumps	Contagious	Humans

\*Possible Terrorist Threat

## Actinomycetes and Protozoa that Airfree is Proven to Eliminate

Name	Disease	Status	Source
Saccharomonospora Viridis	Farmers Lung	Non	Agricultural
Thermomonospora viridis	Farmers Lung	Non	Agricultural
Micropolyspora faeni	Farmers Lung	Non	Agricultural
Thermoactinomyces sacchari	Bagassosis, HP	Non	Agricultural
Mocromonospora faeni	Farmers Lung	Non	Agricultural
Thermoactinomyces vulgaris	Farmers Lung, HP	Non	Agricultural
Nocardia asteroides	Nocardiosis	Non	Environmental
Nocardia brasiliensis	Pulmonary mycetoma	Non	Environmental
Nocardia cavaie	Nocardiosis	Non	Environmental
Thermoactinomyces dichotomicus	Farmers Lung	Non	Environmental
Pneumocystis carinii	Pneumosystosis	Non	Environmental

**For Every Airfree Claim, there is a Clinical test to back it up!**

To view the results of our independent tests, go to  
[www.birdsupplynh.com/catalog/airfreeTesting.php](http://www.birdsupplynh.com/catalog/airfreeTesting.php)



## Bacteria that Airfree is Proven to Eliminate

Bacteria Name	Disease	Status	Source
Francisella tularensis	Tularemia	Non	Wild Animals
Bordetella pertussis	Whooping Cough	Contagious	Humans
Mycoplasma pneumoniae	Pneumonia	Contagious	Humans
Chlamydia pneumoniae	Pneumonia, Bronchitis	Contagious	Humans
Chlamydia psittaci	Psittacosis	Non	Birds
Klebsiella pneumoniae	Opportunistic Infections	Endogenous	Environmental
Haemophilus influenzae	Meningitis	Contagious	Humans
Coxiella burnetii	Q Fever	Non	Cattle, Sheep
Pseudomonas aeruginosa	Opportunistic Infections	Contagious	Environmental
Pseudomonas pseudomallei	Opportunistic Infections	Non	Environmental
Actinomyces israelii	Actinomycosis	Endogenous	Humans
Legionella parisiensis	Pneumonia	Non	Environmental
Legionella pneumophila	LD, Pontiac Fever	Non	Environmental
Cardiobacterium	Opportunistic Infections	Endogenous	Humans
Alkaligenes	Opportunistic Infections	Endogenous	Humans
Yersina pestis	Pneumonic Plague	Contagious	Rodents, Fleas
Pseudomonas cepacia	Non-Respiratory	Non	Environmental
Pseudomonas mallei	Opportunistic Infections	Non	Environmental
Enterobacter cloacae	Non-Respiratory	Contagious	Humans
Enterococcus	Non-Respiratory	Contagious	Humans
Neisseria meningitidis	Meningitis	Endogenous	Humans
Streptococcus faecalis	Non-Respiratory	Contagious	Humans
Streptococcus pyogenes	Strep Throat, Scarlet Fever	Contagious	Humans
Mycobacterium kansasii	Cavitary Pulmonary	Non	Unknown
Mycobacterium tuberculosis	Tuberculosis, TB	Contagious	Humans
Streptococcus pneumoniae	Pneumonia	Contagious	Humans
Staphylococcus aureus	Opportunistic Infections	Endogenous	Humans
Staphylococcus epidermis	Non-Respiratory	Endogenous	Humans
Lorynebacteria Diphtheria	Diptheria	Contagious	Humans
Clostridium tetani	Non-respiratory	Non	Environmental
Haemophilus parainfluenzae	Non-respiratory	Endogenous	Humans
Moraxella lacunata	Opportunistic Infections	Endogenous	Humans
Bacillus anthracis*	Anthrax	Non	Cattle, Sheep
Mycobacterium ovium	Cavitary Pulmonary	Non	Environmental
Mycobacterium intracellulare	Cavitary Pulmonary	Non	Environmental
Acinetobacter	Opportunistic Infections	Endogenous	Environmental
Moraxella catarrhalis	Opportunistic Infections	Endogenous	Humans
Serratia marcescens	Opportunistic Infections	Endogenous	Environmental

\* Possible Terrorist Threat

**For Every Airfree Claim, there is a Clinical test to back it up!**

To view the results of our independent tests, go to  
[www.birdsupplynh.com/catalog/airfreeTesting.php](http://www.birdsupplynh.com/catalog/airfreeTesting.php)



Don't take our word for our claims.  
Here's what Airfree users have to say!

### Customer Testimonial #1

Dear Airfree,

As a long-standing sufferer from Dust Mites, Hay Fever, and many other things, I think Airfree is fantastic. In the past, I had to close up the house and lie in a dark room for hours to feel better. I now have my Airfree unit plugged in to my bedroom and whenever I am suffering, I can go into that room. Within 20 minutes I am 100% better, even with the windows open!

Lesley C,  
Charleston, SC

### Customer Testimonial #2

Dear Airfree,

It is my 90-year-old husband who has chronic pulmonary disease. I bought the Airfree Enviro 60. He thinks it is been most helpful to him and wont live without it! Aside from being most effective, it is virtually maintenance free. We recommend it highly! I hope this will be of some help to you and if I can be of any assistance, feel free to contact me.

Sincerely,

EAG, MD  
Miami, Florida



## **Customer Testimonial #3**

### **AIRFREE AIR STERILISERS - Dr Diana Samways MD**

As a Physician specialising in allergy and environmental medicine, I am very impressed with the Airfree Air Steriliser for the purpose of removing molds and their spores from the air we breathe. These sterilisers work by using localised heat to sterilise the indoor air and encourage the circulation of cleaned air throughout the room. It does not require filters. This last point is important as all air filtration systems eventually block up with dust and mold, and this has the long-term effect of redistributing the molds throughout the room and is counterproductive. As a sufferer from an allergy to mold, I am very impressed with this machine as a way of keeping the air free of allergens. As a result of using an Airfree Steriliser in my bedroom for the last three months, I no longer wake up with depression and cold shakes from the mold spores that one would otherwise breathe during the night. This is a vast improvement. (I understand that it takes about 6 weeks for the Airfree to have its full effect, presumably because it has to sterilise the air in the room over a period of time. In this connection one should not move it from room to room, it is better left static in one place where it will work its magic.)

I also installed an Airfree in my kitchen which I consider to be a natural mold trap because of the steam from cooking and various vegetable items which are kept in the environment.

I have noticed that since the Airfree was installed, my basil plants now survive instead of dying instantly, and that they are not afflicted with mold, either on the earth or on their leaves. They even survive having bits taken off in the usual way and are thriving. Also my onions don't go moldy.

Overall I feel the Airfree has contributed greatly to the reduction in the mold count in parts of my house (in which there was previously a problem due to the damp British climate.) It has also contributed to an increase in my mental and physical energy and stamina. I can wholeheartedly recommend this machine for anybody with a serious allergy to mold and other airborne allergens. Also I recommend it to my patients with this problem.

Dr. Diana Samways MD is a Physician specialising in Nutrition, Allergy, and Environmental Medicine in Haslemere, Surrey, England. 27 12 03 by Email



## Airfree compared Hepa Filter Air Purifiers

Hepa Air purifiers operate with filtration systems that can only capture one portion of airborne microorganisms such as allergens, molds, viruses and spores. Their concept is to trap not to destroy them. Its maximum filtration capacity is 0,3 microns. Such limitation allows small microorganisms like viruses and allergens to be released back into the ambiance. Air filter machines can become breeding ground for bacteria, mold and fungus. In order to maintain their purification level Hepa Filters must be replaced 3 to 4 times a year to keep their purification level acceptable, which are quite expensive. Considering that most Hepa air purifiers use up to 3 different filters the cost in replacement filters may more than double the initial purchase price in few years.

Hepa air purifiers are quite noisy to operate. A Hepa air purifier requires a fan to push the air through the filter. The fan high speed creates a continuous noise that may disturb human sleep and/or concentration at work.

Hepa filters can also produce toxic ozone as a by-product, a very dangerous gas as previously seen.

Airfree the recent patented technology utilizes heat to sterilize the air. Contaminated air is dragged by air convection into its patented ceramic core. This technology is very effective and noiseless. Inside the ceramic core air is sterilized at high temperatures (between 200° to 300° C or about 372F to 572F). Living microorganism such as bacteria, virus, germs, and spores are incinerated regardless of how small and dangerous they might be. Pure air is then cooled in inside Airfree's cooling chamber and released back into the ambiance.



## Airfree compared to Ionizers

“Ion generators act by charging the particles in a room so that they are attracted to walls, floors, tabletops, draperies, occupants, etc. Abrasion due to the movement of people, pets, and ceiling fans can result as these particles are disturbed back into the air. In some cases these devices contain a collector to attract the charged particles back to the unit. While ion generators may remove small particles (e.g., those in tobacco smoke) from the indoor air, they do not remove gases or odors, and may be relatively ineffective in removing large particles such as pollen and house dust allergens. Although some have suggested that these devices provide a benefit by rectifying a hypothesized ion imbalance, no controlled studies have confirmed this effect.

The U.S. Environmental Protection Agency (EPA) published several articles stating that in order to offer some potential efficiency, an enormous quantity of ions are needed which would greatly exceed the maximum government safety standards. A high level of ions in one room might cause headaches and sore throat.

Ozone, a lung irritant, is produced indirectly by an ion generator, other electronic air cleaners and directly by ozone generators. While indirect ozone production is a concern, there is even greater concern with the direct, and purposeful introduction of a lung irritant into indoor air. There is no difference, despite some marketers' claims, between the ozone in smog outdoors and ozone produced by these devices. Under certain use conditions ion generators and other [ozone generating air cleaners](#) can produce levels of this lung irritant significantly above levels thought harmful to human health”

Ionic air purifiers produce ozone. The ozone concentration and the electric charged air result in good cleaning smell like the one felt near swimming pools but in fact air is not purified.

Airfree new technology uses harmless heat to sterilize indoor air destroying all proteins, spores, mold, fungus, viruses and bacteria. Airfree contrary to ionizers reduces harmful ozone and destroys all airborne microorganisms.

Airfree has independent tests assuring its efficiency.



## Airfree compared to Ozone Generators

There is no such thing as good or bad ozone.

According to the EPA: "Ozone generators that are sold as air cleaners intentionally produce the gas ozone. Often the vendors of ozone generators make statements and distribute material that lead the public to believe that these devices are always safe and effective in controlling indoor air pollution. For almost a century, health professionals have refuted these claims (Sawyer, et. al 1913; Salls, 1927; Boeniger, 1995; American Lung Association, 1997; Al-Ahmady, 1997). The purpose of this document is to provide accurate information regarding the use of ozone-generating devices in indoor occupied spaces. This information is based on the most credible scientific evidence currently available.

Some vendors suggest that these devices have been approved by the federal government for use in occupied spaces. To the contrary, **NO** agency of the federal government has approved these devices for use in occupied spaces. Because of these claims, and because ozone can cause health problems at high concentrations, several federal government agencies have worked in consultation with the U.S. Environmental Protection Agency to produce this public information document."

Both EPA and FDA classify ozone as a powerful irritant that destroys lung tissue and triggers respiratory allergies.

"Scientific evidence proves that at concentrations that do not exceed public health standards, ozone has little potential to remove indoor air contaminants."

"There is evidence to show that at concentrations that do not exceed public health standards, ozone is not effective at removing most odor-causing chemicals."

"If used at concentrations that do not exceed public health standards, ozone applied to indoor air does not effectively remove viruses, bacteria, mold, or other biological pollutants."

"Some data suggest that low levels of ozone may reduce airborne concentrations and inhibit the growth of some biological organisms while ozone is present, but ozone concentrations would have to be 5 - 10 times higher than public health standards allow before the ozone could decontaminate the air sufficiently to prevent survival and regeneration of the organisms once the ozone is removed (Dyas, et al., 1983; Foarde et al., 1997)."



## Commonly Asked Questions Regarding the Enviro 60

### 1 – How does Airfree Enviro 60 work?

Airfree utilizes heat to sterilize the air dragged into its patented ceramic core by air convection. Inside the ceramic core air is sterilized at high temperatures (between 200° to 300° C). Any living micro-organism, bacteria, virus are incinerated regardless of how dangerous they might be

### 2 – Are there any Side Effects?

Airfree has **NO** side effects! In fact, it should be used in every room in every single house to **improve** indoor air quality.

### 3 - What is the air capacity?

Airfree Enviro 60 has a 250 sq. ft. or 2000 cu. Ft. capacity. Although effective in small apartments, larger homes may require more than one device.

### 4 - Can I install Airfree in my closet?

Yes, as long as Airfree is not placed under shelves. In fact, Airfree is **ideal** for pantries but needs to be placed free of obstacles. Recommended minimum room volume is 30 sq. feet.

### 5 - Can Airfree be used in rooms with air conditioning?

Yes. You can **install an Airfree unit in any room** inside a central air conditioned home or office. In fact, research indicates that Airfree is even more effective in refrigerated rooms. It is also highly effective in commercial walk-in coolers.

### 6 - Can Airfree be installed in any room?

Airfree was designed for indoor use. Airfree is an electric device. As with all electric home appliances, Airfree requires common precautions to avoid electric hazards. **Never put it in water or any liquid. Do not remove the electric cord by yanking it from the plug.**

### 7 - Can Airfree be placed in a corridor to protect connecting rooms?

No. Airfree is to be placed in just one room, away from open windows and doors. The air cleaning efficiency in rooms connected to that corridor where Airfree is installed is diminished as walls and doorways reduce airflow into these rooms. So it is not recommended, unless those rooms have Airfree plugged in.

### 8 - Can Airfree be installed inside closed rooms?

Yes. Minimum recommended room volume is 30 sq. feet





**9 - Do I need to keep my doors and windows closed?**

No. Regular ventilation does not affect Airfree efficiency. It is recommended however, that you don't place Airfree next to window or doors; or in the middle of an air stream.

**10 - Can I use Airfree in the living room then move it into the bedroom at night?**

In order to achieve maximum results, Airfree should always be in the same room. Refer to your Manual.

**11 - Should I unplug Airfree when leaving the house or office?**

No. In order for the Enviro 60 to achieve maximum efficiency, it must be left on.

**12 - My Airfree was disconnected for a brief period. Is there a problem?**

Not if for just a couple of hours. Airfree will quickly recover for the time the machine was inactive. Extended periods of time will require the unit longer to recover.

**13 - Does Airfree eliminate bacteria and germs?**

Yes. Airfree's effectiveness as a bactericide and germicide has been proven multiple times by international independent laboratories and universities. A list of bacteria that Airfree is proven to eradicate is included in this publication.

**14 - How does Airfree eliminate Dust Mites?**

Molds, fungi and spores in general are destroyed by Airfree. Dust mites need fungi to survive. 85% of Dust mite population is eliminated in 85% due lack of fungi.

**15 - How does Airfree eliminate fungus?**

Fungi and fungi spores are incinerated inside the patented ceramic core of Airfree. Airfree also incinerates 99.99% of all bacteria, mold, and viruses.

**16 - Does Airfree destroy viruses?**

Yes. The smallest microorganisms the better as they are more easily carried by the airflow into the patented ceramic core of Airfree. It is also excellent for preventing respiratory diseases. A list of viruses Airfree is documented to kill can be found in this publication.

**17 - Does Airfree eliminate tobacco smell?**

Our customers report that Airfree works extremely well at eliminating tobacco odors. We have no independent test yet. Such a test is currently underway. Any organic odor, including that caused by a cat litter box, is eliminated.



**18 - Does Airfree release any gas or chemical product?**

No. Sterilization is performed done by heat in such a way that **no** emissions are released into the environment. In fact, Airfree actually reduces the toxic gas Ozone by 26%!

**19 - Does Airfree affect the heat and humidity of a room?**

No. Airfree offers **very little change** room temperature and humidity. It would take 2 Airfree units to emit the same extra heat as one extra person in the room.

**20 - Do I need to replace filters?**

No. Airfree has no filters, and **requires no maintenance** other than periodically wiping the top lid with a clean dry or damp cloth. When cleaning the Airfree unit, please disconnect it from the electric source.

**21 - Does Airfree require a lot of electricity?**

No. Airfree's consumption is **less than a 50-Watt light bulb**. Most standard light bulbs consume 60-100 watts.

**22 - Can my child or pet be burned by touching the Airfree unit?**

No. Airfree's top lid achieves a maximum temperature of 144° F (62° C) right at it's center, which for some people with sensitive hands could provide mild discomfort, but the unit isn't hot enough to cause any burn. Children will probably remove their hands when touching the top lid.

**23 - How will I know if my Airfree unit isn't working?**

As long as the top lid is warm, Airfree is working properly. If the lid is cold, please refer to the instructions manual.

**24 - How long this the Airfree warranty?**

The Airfree warranty is **24 months** from the date of purchase. Please make sure you retain your warranty card and store receipt.

**25 - What is CADR?**

CADR stands for Clean Air Delivery Rate, and it is a way to measure how fast an air cleaner removes airborne contaminants over a short period of time. CADR is a standard laboratory test for some manufacturers in the air-cleaner industry, using a specific size chamber with pre-measured levels of airborne particulates.

**26 - Does CADR measure the effectiveness of Airfree?**

Not at all. CADR is not designed to test the Airfree technology. Airfree requires low air-speed flow when compared with other air purifiers/ air cleaners in the market that rely on a high-speed airflow. Airfree new technology is 99.99% efficient and most important: silent. Airfree destroys (not trap or attract to other surface) any microorganism regardless of how small they might be. 99,99% of all organic particles (virus, bacteria, mold, spores, allergens, microorganisms) are fully destroyed when passing through the Airfree U.S. patented ceramic core.