

Air Purifiers Exposed

PLUS :

**An Overview of Nine Air Purifiers
Well-Known Brands**

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Air Purifiers Exposed

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Your Air Purifier Alternatives: Ions, Ozone, HEPA and more

Sharper Image has certainly made a place for the Ionic Breeze on the consumer market. The consumer market. That's you and me, the ones who are tired of the dust and odors and are worried about the safety of the air within our homes. Ionizers, ozone, HEPA. The alphabet soup of air purifying can be confusing. Let's take a look at some of what's going on.

A controversial product on the market today is the ionic air purifier. These devices work on the premise that pollution particles in the air tend to have a positive electric charge. If you add negative ions, or negatively charged chemical particles, to the air it is reasoned, the positive particles will be attracted to the ions, and they will bond. This process will effectively remove the positively charged pollutants from the air. Sometimes an ionic air purifier also produces ozone.

Ozone, by itself, has no ability to control dust or particles in the air. In fact, in high concentrations, it is a poison. It has become familiar because of talk of the destruction of the ozone layer.

The ozone layer is a layer of the earth's atmosphere that offers protection from the ultra-violet rays of the sun. Ozone is helpful up there, but it can be harmful down here. However, it does have the ability to kill mold and to neutralize odors, something like bleach. This is why an ionic air purifier sometimes generates it.

Some health experts write that the reason you feel refreshed after a rainstorm or when standing beside a waterfall is because the air in these places is filled with negative ions. An ionic air purifier is designed to produce this same effect. Ozone is thought to be one reason the air smells good when it is filled with ionic particles, so ozone generation is sometimes part of the package when an air purifier is designed.

Ozone has been used in hospitals for killing germs, and, according to some reports, there has never been a human death attributed to ozone use. However, other more conservative scholars warn against its use. They feel a HEPA air purifier is a better alternative to an ozone generating ionic air purifier.

HEPA stands for High Efficiency Particulate Air and refers to a type of air purifier that works by filtration. Many vacuum cleaners contain HEPA filters for dust control. These help to clean the air when vacuuming. Air conditioners and dehumidifiers can also help control allergens and particles in the air.

An air purifier is often recommended for people who suffer from allergies or asthma. In fact, for these people it can be a lifesaver. One thing to remember, however, is that a good ionic air purifier can be pretty expensive, as can one of

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the HEPA varieties. A cheap air purifier probably will not control dust very well, so you should do your homework when choosing one. A high quality HEPA air purifier might set you back \$400 or more.

A good measure to take whatever air purifier you choose is to practice dust control the old fashioned way with good doormats. Much of the dust in homes comes in on people's feet. It's also important to keep cigarette smoke out of the home if you have people who suffer from asthma in the family.

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Do Ionic Air Purifiers Actually Work?

The Difference Between an Air Cleaner and an Air Purifier

Many people do not understand the difference between an air cleaner and an air purifier. Air cleaning is when the harmful particles are filtered from the air. An air purifier, on the other hand, kills bacteria, mold, and viruses. Although ionic air purifiers are called "purifiers," they aren't truly purifying the air. This is because they do not kill organisms. Instead, they are air cleaners.

The Science Behind Ionic Air Purifiers

Ionic air purifiers, also called ionizers, are built with negative ion generators. These generators continually send out a stream of negative ions. Negative ions are atoms or molecules that have lost an electron. These negative ions are attracted to the positive airborne particles in the air. As a result, the negative ions join with the positive particles in the air. This causes the particles in the ionic air to become heavy. Eventually, they fall to the floor because of their own weight. This removes all sorts of particles from the air.

The Quiet Air Purifier

Many people seek an ionic air purifier because the science behind it seems to make sense. They are also popular because they are quiet and use little energy. In addition, it is usually unnecessary to change the air filters of ionic air purifiers, unlike many other types of air purifiers.

The Black Wall Effect of Ionic Air Purifiers

Ionic air purifiers cause particles to fall to the floor. But, they can also fall to other areas of the room. Nearly all surfaces in a room are positively charged. Therefore, the particles falling from the ionic air are attracted to the room's surfaces. As a result, the area around the ionic air purifier tends to get dark and dirty.

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The Great Return of Unhealthy Air Particles

Although the ionic air purifier removes harmful particles from the air, it is easy for them to be returned to the air. This is because the particles are on the floor and other surfaces of the room. Regular activity in the room can easily stir the particles back up. As a result, the harmful particles are put back into the air. Some ionic air purifiers, however, have special electrostatic precipitators. Electronic precipitators trap particles on charged metal plates. These plates need to be cleaned regularly, however, in order to be effective.

Consumer Report Studies on Ionic Air Purifiers

In May of 2005, Consumer Reports published a study about ionic air purifiers. According to their research, ionic air purifiers failed to clean the air. In addition, they found that an ionic air purifier could actually add harmful levels of ozone to the air. Unfortunately, high levels of ozone are toxic. In fact, it has been proven to damage the lungs and the respiratory tract.

The Better Choice

If you want to keep your air healthy, an ionic air purifier is probably not the best answer. In fact, your goal shouldn't be to clean the air after it becomes unhealthy. Instead, take steps to keep the air healthy in the first place. One way to do this is to get rid of carpets and rugs, which collect and hold harmful pollutants.

You should also only smoke outside and never burn candles and incense indoors. To help circulate the air, install outdoor venting fans in your kitchen and bathroom. Also, keep your windows open as much as possible. These natural air purifier techniques will work better than any ionic air purifier on the market.

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Your First Look At Effective Air Purifiers

There are several basic types of air purifier. The first contains HEPA air filters, which are able to effectively remove 99.97% of all particulate matter in the air (to control dust and remove pollen). HEPA filter technology is one of the best air purifying technologies currently available. On the downside, air purifiers using HEPA filters need to have their filters replaced to remain effective.

Another form of air purifier uses electrostatic or electronic systems. These air purifiers don't have air filters that need replacing, but do have charged plates which need to be washed occasionally in order to remain effective. Both air purifiers with HEPA air filters and those that use electrostatic systems are able to control dust and other particles effectively, but on their own can't remove odors or other chemicals.

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In order to do this, an air purifier must have some form of activated carbon or UV purification system. Air purifiers work by drawing air from the room into the system with a fan, clean the air, and then release the clean air back out into the room.

When you consider purchasing an air purifier, it's important to know how the actual system works. As described above, if you want an air purifier that both eliminates particulate matter and potentially dangerous chemicals and odors, you will want an air purifier that contains activated carbon or a UV purification system.

You also need to know the power of the machine you are purchasing and its general effectiveness. Air purifiers, whether they contain HEPA filters, or use electrostatic systems, come in a range of prices. Price is often a good indicator of the quality of the product you are buying. Of course, a smaller unit may prove to be a quality product but with a lower price tag.

A lot of high end air purifiers utilize a pre-filter as well as the HEPA filter. These air purifiers give extended life to the HEPA filter by removing some of the larger particulate matter before it can contact the HEPA filter, thus extending the lifespan of the HEPA filter. To be effective, the pre-filter requires regular cleaning to remove dust build up which will otherwise reduce the air purifier's performance.

Efficiency is important to consider when purchasing an air purifier. Even though a HEPA filter can remove 99.97% of dust from the atmosphere, that does little to help if the actual air purifier is only cleaning a fraction of the air in the room. To ensure that the air purifier filter you purchase does the job properly it is ideal to find an air purifier manufacturer which states exactly how much of the air gets cleaned, and can demonstrate proof that this is the case.

It is helpful to find a table of air purifier comparisons, where different brands and different models of air purifiers are compared in an independent study, which will help you choose an air purifier that actually works. A search on the internet or through a consumer magazine will probably be your best bet, especially if the source can tell you exactly where the independent air purifier tests were carried out.

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Your Best Air Purifier Choice

Congratulations, you're parents! Your new son is just perfect. Ten fingers, ten toes. A rosy little nose. You never imagined that anyone could make you feel prouder, then terror strikes.

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The doctor comes into your room. "I'm afraid little Timmy is having a hard time breathing."

It turns out Timmy is showing signs of asthma. The doctor informs you that, while this may be a scary time, it seems to be a mild case. Prevention will be key.

The good news is that you are not alone. Many people out there are struggling to create better air quality in their homes. This does not, however, stop you from feeling completely alone.

Dealing with Asthma

There are things you can do to ensure Timmy's quality of life. Eliminating asthma triggers with air purifiers is important. Timmy's doctor tells you to look into buying an air purifier for each level of your house.

Shopping for air purifiers is harder than you might think. What kind of air purifier do you need? What allergens can trigger an asthma attack? Which air purifiers eliminate those triggers?

You leave the hospital loaded with pamphlets about air purifier differences. HEPA, Ultraviolet and ionic air purifier brochures clutter your car seat. Before you shop, you realize you need to do some research.

After spending time online, you are armed with information on dust mites and mold, the two leading asthma triggers. You compare air purifiers that can handle both of these allergens. You also need to find models to fit your budget. Having a new baby is expensive. You've got to watch your budget. However, his quality of life is critical!

Ionic Air Purifiers

Ionic air purifier models are probably the most well known of the bunch. You've seen the ads. The air purifier works by negatively charging dust, dirt, mold and other allergens. Instead of floating, they drop to the ground. The air purifier removes most of the debris; your vacuum and a dust cloth get the rest.

With a little routine housework and a couple of Ionic air purifier models, you have a reasonable solution. Is this the best air purifier for your son's needs? You keep checking.

HEPA Air Purifiers

HEPA air purifiers remove contaminants from the air using a filter. These filters can capture 98% of the dust and mites that can trigger an asthma attack, but the HEPA air purifier is not as good with mold. For that reason, you cross it off your list.

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Ultraviolet Air Purifier

Finally, you have the ultraviolet air purifiers. In this type of air purifier, light energy is used to kill mold spores, dust mites and other allergens. Hospitals use ultraviolet air purifier systems to keep germs at a minimum.

Immediately, you like the fact ultraviolet air purifiers is the system used by most hospitals. So, price is your next concern. Can you find an ultraviolet air purifier to suit your needs and meet your budget?

Most ultraviolet air purifiers seem to be very expensive. For that reason, you decide to take a closer look at the ionic air purifier system. You do some pricing, and feel it is a good choice. However, you want to consult your pediatrician first. That's a smart move.

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Know When You Need An Air Purifier

Reaction to Weather

No doubt you hear "Vermont" and think clean mountain air. Guess again! Vermont has many issues that require an air purifier. Perhaps more so due to the extreme weather conditions the area faces. It can be sixty degrees one day and five below the next. Three systems become important: air purifier systems, humidifier systems, and dehumidifier systems.

Problems with Basements

One thing most Vermont homes have that southerners may not be used to is a basement. A basement can host a multitude of mold spores, mildew spores, and even radon. All three of which can cause health problems. Radon is a radioactive gas found in the earth that can cause lung cancer. In order to get rid of radon, you need a top-notch air purifier system. And presence of radon should sent you searching for the right air cleaners.

In a typical Vermont home, you have the basement where the laundry room is located. You know how much time you can spend doing laundry on a weekly basis. All the time you are down there, you are breathing in these molds and possibly radon gases.

Basements can be very damp year round. Controlling your air quality is essential. A dehumidifier can help take the excess moisture out of the air, which will reduce some molds and mildews, but a dehumidifier will not help with radon. This leaves you with a humidifier or air purifier.

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Troubles with Upstairs

Upstairs, just the opposite occurs. The air above ground level can be extremely dry, especially in winter months. You can either get used to zapping everyone you meet or purchase a humidifier to add moisture back to the air. Again, radon is still in the air. You really need an air purifier.

Nonetheless, neither the dehumidifier nor the humidifier will touch the problem of mold spores and radon upstairs. A humidifier or dehumidifier can add or reduce moisture, but they cannot take care of radon. You cannot smell or see radon. It's a silent killer. For this most important issue, you need to look into an air purifier.

Looking for Signs

Sure, it sounds hard. How do you know if an air purifier is really the appliance you need? It's actually quite simple. Look around your house. Do you fight mildew battles from time to time? Is dusting a daily routine? Do your windows steam up frequently when you cook or when the shower has been on? Do you have mushrooms growing in your basement despite your use of a dehumidifier? These are all critical warning signs.

Radon is another issue. You should start by contacting the state. They have many brochures on air purifier systems. They also offer free radon test kits. In six months time, you will know if you are at risk for radon. Once you know for sure, you will know how much of an air purifier system you need to purchase.

Once you know, an air purifier should be your next step. You may just need an air purifier for mold and mildew spores. You also might be one of the few who need something capable of removing radon as well. Either way, your health is worth it!

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Buying Your Air Purifier Online

Usually, televised deals on air purifiers are nothing more than gimmicks to get you to buy, buy, buy.

The Ionic Breeze

You've seen the infomercial for the Ionic Breeze. This well-known air purifier always has some special deal going. Get \$100 off for a limited time. Get a free mini-Ionic Breeze air purifier when you purchase one of their full-sized air purifiers. Is that really a good deal?

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The truth is that many of these air purifier companies hope you will be suckered by their huge discount. In fact, the air purifiers are highly overpriced. Even with the discount, they are making money. The more air purifiers they sell at the jacked-up price, the more money goes into their pockets.

Comparison Shopping

Buying an air purifier directly from the company is not always the best policy. Doing some price comparisons through many of today's top shopping sites, however, can pay off in big ways. The shopping search engines make their commission on air purifiers regardless of the purchase price. These sites want any sale. Therefore, they are not biased toward what air purifier you buy. Their only goal is to find you the absolute best deal on your new air purifier so you will make a purchase.

Word of Mouth

Most importantly, you should always look into what other users have to say. Men and women throughout the country are usually more than willing to go online and share their own experience with their air purifier purchase. Good or bad, reviews are a great way to weed out the garbage. This way, you will find out which air purifiers really get the job done and which are nothing more than fans that blow dust around.

Warranty

The next thing to consider when you are purchasing an air purifier is the warranty. You know that "limited warranty" offers usually mean the company covers very little if your air purifier breaks down. Look for a solid air purifier warranty from a company with a good customer relations department. If you cannot get through to their 800 number, chances are their warranty is useless. Another trick is the "overnight it to us at your expense" clause. Sending air purifiers at overnight rates can often cost half of what air purifiers cost you in the first place. Avoid a warranty with that requirement!

Look for Bargains

Once you have a solid list of reliable air purifier brands, find a shopping search engine, and start doing some comparison of air purifier prices. You'll find prices can range greatly. You'll always find a store willing to beat their competition. If you can get a highly rated air purifier for bargain, you will feel proud of your accomplishment!

There are many deals on air purifiers out there. "Free shipping." "Buy any of our air purifiers and get a gift." "No payments for a set amount of time." The list goes on! Choose what deal best works for you. Spend some time researching

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brands and special offers. See what other men and women have to say. Only then will you feel confident in your air purifier selection.

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Costs of Air Purifiers

To understand how to choose an energy friendly air purifier model, it helps to understand how your model works. Most air purifiers run on electricity, some use filters, and if the air purifier breaks down, you will need replacement parts. Over time, these costs can add up. It's good to think of all of these considerations before you make your final selection.

Filters

As an example, let's take the Oreck Air Purifier system. Initially, the Oreck Air Purifier system sounds expensive. At almost \$400, these air purifiers are expensive, but a closer look offers something new. The filter is guaranteed for twelve years. That means twelve years of never buying a replacement air purifier filter. If your filter fails, they replace it for free. This can add up to an incredible savings.

Energy

Now you must consider the energy used by this air purifier system. The air purifiers turn on and off once an hour, so that feature assures your electricity will not constantly be running. Does this mean the Oreck Air Purifier is the best system out there? Not necessarily.

Comparison Shopping

The market is loaded with air purifiers. You can literally spend hours comparing brands, features and offers. This is why researching the air purifier brand is important before you make your selection. No one wants to spend a bundle and then find the fees necessary to maintain the air purifier are absurdly high. Your money is hard earned. Don't give it all away to the latest fad air purifiers. Go online, research air purifiers, and see what others have to say.

Face it. The manufacturers want to rope you in with special deals. They just want the sale. Other users will share their opinions and experiences online. You can find out which air purifiers really get the job done. You can read and judge which air purifiers cost the most to operate and which air purifiers cost the least.

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A Touch of Real Life

You have seen the ads, but you don't see the after effects. You see, Mary asked her father to buy an air purifier system for her family at Christmas. Her father loved getting a bargain, so he went for the best deal. After one weeks' use, the air purifier was not working as effectively. Mary found the filter was disgusting and had to replace it. The air purifier system her father bought came with two free filters. You would think that was a good deal-so did he.

When that new air purifier filter was also disgusting a week later, you can guess what happened. Mary returned to the store to stock up on air purifier filters. She found the replacement filter - and discovered that the air purifiers' filters cost \$30 each. You do the math. Mary was spending \$120 on filters every month. The air purifier ended up in the garbage. Do not fall for a gimmick like Mary did! You have the power and the knowledge, now go put it to good use!

Mary and her father learned the hard way. You can do it right.

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Which air purifier do I use when my doctor says I need one?

Most doctors hesitate against recommending an air purifier as a first option. Nonetheless, if you've done everything else and medicine is only helping and not stopping your health issues, an air purifier might be what you need. No one should suffer, so your doctor suggested purchasing an air purifier as a back-up to your current medication.

Those mold, pet dander and pollen spores are doing you in. Your allergies are bad enough outside, but inside you really want a break from the common symptoms. You are taking your doctor's advice to heart and purchasing an air purifier. There is a question of price but, more importantly, you do not know what to search for. How do you know which air purifiers will reduce your allergens and which air purifiers are all promise and no delivery?

Ionic Air Purifier

Common allergens include pet dander, pollen spores, mold, and mildew. There are air purifiers that can remove these allergens from your home. There are three key types of air purifier systems. Choosing one of the three is key to eliminating the allergens that are making you crazy. However, to understand

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which air purifier system to purchase, you must understand how air purifiers work.

An ionic air purifier uses electricity to charge the spores and dust particles in the air. Those particles then are either drawn into a collection plate inside the air purifiers or drop to the surfaces in your home. If there is a collection plate inside your ionic air purifier, you must wipe down the air purifier's plate regularly. If there is not, you must vacuum and dust daily to remove those allergens from your home.

In general, an ionic air purifier system can work well, but air purifier maintenance can be trying. If you have allergies, cleaning the collection plate of dust and pollen can be a real hassle. Therefore, you may want to look at the next air purifier.

HEPA Filter System

The next type of air purifier system is a HEPA filter system. The HEPA filter was developed during World War II. Air is forced through a special air purifier filter. You'll find the air purifier filter is able to capture any particle up to .3 microns in diameter. (You're talking a millionth of an inch, so this particle is very tiny!) With a HEPA filter, dust, pollen, pet dander, and mold spores are virtually eliminated.

The downfall to a HEPA air purifier system is that you do need to buy replacement filters. Over time, the additional filters can become very expensive. So, while a HEPA air purifier system may work well for you, you need to look into filter prices before finalizing your decision.

Ultraviolet System

Finally, you have the ultraviolet system. The good news is that hospitals rely on ultraviolet air purifier systems. With these air purifiers, ultraviolet light is concentrated in specific areas. As the air purifier's fan circulates the air, the ultraviolet light burns and kills any airborne germ. It's great for airborne viruses and germs, but not so great on dust and dander.

The problem with this type of air purifier system is that not all of the air in your home will be reached. The energy costs of running ultraviolet lighting twenty-four hours a day can also be extremely high. If you choose this type of air purifier, you'll need to do some comparison to find energy efficient air purifiers.

Now, you have the three key types of air purifier systems. The choice in the end is up to you, my friend.

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Secrets of choosing an air purifier

There is good news! You will find there is unlimited information available on air purifier systems on the net. Most of these sites, however, are company sites and they have one goal. Their goal is to sell you their air purifier system. They want your money, and they will say whatever it takes to sell you their air purifier. Nonetheless, you don't have to rely on their promises. Unbiased companies with good intentions are waiting in the wings.

Watch Out for "Special Deals"

Offers of free shipping, free trial, free gifts, and more will come pouring in. Ignore them! Find a site that tells you the truth-warranties, intended consumer information, price comparisons, how well the air purifiers really work, and more! Don't take an air purifier manufacturer's word for it. Find out what others have to say and recommend.

Price Comparison

You'll be shocked when you see the price differences. Air purifier companies making the exact same promises can range from thousands of dollars to under \$100. You would think the air purifiers can't possibly all work efficiently. The surprising truth is that often the lower priced models work better than their pricier competitors. This is why it pays to check out air purifiers in detail before you make any purchasing decision.

Determine How Many You Need and Where to Place Them

You've seen all the ads. There are hundreds of air purifiers out there. Air purifier manufacturers want you to buy their product. One thing they never say is where you should place the air purifiers for best performance. They hope you'll wind up buying more than one air purifier. Hence the common, "buy one and get half off a second" deal that air purifiers' companies offer.

In all honesty, most houses only need one or two air purifiers. If you have a relatively open floor plan, one system will usually suffice. The trick is knowing where to place that air purifier. Placing air purifiers in the middle of a room is best, but not always practical. Corners are a horrible idea. Try placing your air purifier at the ends of a room where traffic flows. Air tends to flow in the same pattern.

Filtration System

Here's an issue that I bet you didn't know! You'll need to look into air purifiers' pre-filter qualities. Yes! Most air purifiers rely on a pre-filter to catch the larger particles first. Once the air is "pre-cleaned," it moves onto the smaller air purifier

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filter where the smaller particles are captured. If you have to replace both a pre-filter and a filter on your air purifier, you need to look into the replacement cost. It could add up!

Another thing consumers don't stop to think of is the ease of filter changing. Why bother buying a specific air purifier if you'll need a toolbox every time the filter needs changing? Some air purifier models require more than one tool to get into the filter area of the machine. Filter changing should be quick and easy. Think of that issue when purchasing your air purifier.

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Are Air Purifiers Dangerous?

Recently, a major ionic air purifier manufacturer lost a lawsuit against a publication. This publication claimed that the tested air purifier system removed very little matter, but it did significantly raise ozone levels in the room. The air purifier company wanted a judge to find for them. Unfortunately for this ionic air purifier company and for thousands of customers, the judge found the publications' claims were true. Some ionic air purifier systems can raise ozone levels.

Understanding Ozone

Ozone is found naturally in the earth's atmosphere. It can be beneficial; it protects us from the sun's harmful rays. In your house, however, ozone produced by air purifiers can be harmful. Companies selling these air purifiers claim they are using the ozone at safe levels to clean the air, but the truth is that the same ozone emitted by the air purifier can cause respiratory illness. Are you willing to risk your health?

Overexposure

One of the major problems with these air purifiers is that the unit has no control to prevent over-exposure to the ozone. Sure, the ozone can kill the spores in the air, but the ozone can also cause problems. As levels of ozone rise in your room, the air purifier continues working. More ozone continues to be emitted by the air purifier. Ultimately, the level of ozone moves from safe to unsafe in just a matter of time.

Damage to Your Home and Health

Studies have also found that ozone can cause rubbers, upholstery, and paint to deteriorate more quickly. If ozone can eventually crumble the paint on your walls and the material covering your sofa, what can it do to your lung tissue? Do you really want to put your money into an air purifier that can eventually turn healthy

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lungs into a big mess? Even if an ionic air purifier is only a "little" dangerous, there is still some danger there.

The Other Side

There are two sides to the story. Some will say the ozone produced by an ionic air purifier is only a danger if you use it in an enclosed room. You realize they may be right; perhaps the ionic air purifier isn't so bad. It's the use of the word "may" that might cause you concern. Again, you should find your brain turning to the "may or may not" situation. If there is a risk there, why play the odds with something as simple as an ionic air purifier? Why put your faith in an air purifier that may cause more harm than good?

In essence, the air purifier you are trusting to remove irritants from the air are not working. Instead, your allergies or asthma are now irritating your lungs because of the ozone. The truth is that while allergens are being removed, a new, possibly deadlier irritant is replacing the air you breathe. Why run an air purifier, specifically an ionic air purifier, if you are making the condition worse?

Think about it! Why risk your life with an air purifier that might be making your symptoms worsen? It's a waste of your money. It is also a bigger risk in the long run. Instead, turn to a HEPA air purifier. These air purifiers help reduce allergens in the air without adding something new, something deadlier.

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Your Whole House Air Purifier

If you have radon, a whole house air purifier is the only way to protect your family. Radon seeps in through your crawl space or basement. It is found naturally in soil and in rock in certain areas. But, there is only one way to know if you have radon. Contact your state and ask for a free testing kit. Most states have them. If the test is positive, it is critical that you buy an air purifier. You can be certain that a whole house air purifier is your only defense in the battle against radon.

The Whole House Air Purifier to the Rescue

Whole house air purifiers can remove many troubling issues. Mold spores, dust, pet dander, smoke fumes, some radon, and pollen can all be captured in an air purifier's filters. If you are prone to allergies, whole house air purifiers can also be very beneficial.

A whole house air purifier as it applies to radon is set up in your basement or crawl space. A fan vents the radon-rich air out from the basement or crawl space floor. Metal ducts pump the air from the fan of the air purifier inside the basement

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or crawl space into the outside air. Sealing up cracks and any gaps where air can get in will practically eliminate any radon threat.

Other air purifiers can also remove radon from inside your home. They can remove radon from upper floors. These air purifier systems can have an optional filter installed that remove the radon gas and clean the air of other contaminants. If you have a problem with dust, mold, or mildew, these whole house air purifier systems can eliminate those problems while also protecting you from radon.

Benefits

There are benefits to buying whole house air purifiers. The air purifier's unit is placed in your basement or furnace room. For that reason, the noise is not an issue. Most furnace rooms are placed well away from living areas. You will not hear the air purifier when it runs, so noise is no longer an issue.

A whole house air purifier will take care of the majority of your living space. If you live in a home with multiple levels, only one air purifier system will be needed. Eliminating the need for two or more air purifiers can ease your budget considerably.

Cost

Granted, the price of whole house air purifiers can be twice or three times the cost of single room air purifiers. If one single air purifier unit is not controlling your dust, dander, and pollen issue, however, you may need to look into whole house air purifiers. No single air purifier unit will control radon. If radon is your issue, whole house air purifiers become necessary!

You may think a whole house air purifiers costs a lot of money. In fact, they are expensive, but not as expensive as you are thinking. For around a thousand dollars, you can have a reliable air purifier system. You can breathe the air in your home without fear. No cancer, no deteriorating lung tissue. You'll be breathing clean, fresh air!

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Your Room-sized Air Purifier

The Scene

You held a big Thanksgiving dinner last night. Your entire family came. So did your spouse's siblings, mother, and father. You really wanted to impress them all with your cooking skills. Your turkey was golden and juicy. Your potatoes were sublime. Dinner was going perfect. Then it happened-that awful smell! Oh, no. Not again!

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You know that smell comes from your bulldog. The odors that come from that dog could choke a sewer rat. Unfortunately, Fido was sound asleep under your chair. All eyes turned to you. Your spouse's parents thought you "let one go!" If only you had purchased that air purifier when you had the chance!

Thinking Outside the Box

When you think about air purifiers, you think about dust, pollen, and smoke fumes. Did you ever stop to think about Fido's awful gas habits? Air purifiers can clear up any smell, even Fido's! All you needed was one simple appliance—an air purifier! So, why didn't you buy an air purifier last night?

Fido eats a high protein diet. You understand that high-protein diets can lead to horribly smelly gas. You have been meaning to do something about Fido's bowel issues. You've been thinking about air purifiers for a while, but kept putting it off. Instead, you watch with horror as your mother-in-law shakes her head and whispers to your father-in-law. "Why doesn't he have an air purifier?"

Your mind starts to wander, as you think of all the comments that will follow them home. How can poor Jill want to marry such a foul-smelling man with rude table manners? You want to open your mouth and try to clear your name. As the seconds tick on, it becomes pointless. Jill looks at you and rolls her eyes. She whispers, "I told you. Air purifiers are the answer."

An air purifier could have saved this moment! Instead, you try to recover by taking the dog out of the room. The smell wafts behind you. For as long as you live, you will never live down this moment. You hear the laughter as you walk out. Perhaps they realize it was the dog after all. Maybe you can save the evening.

Returning to the room, you see Jill has turned on the ceiling fan. She's also sprayed the room with air freshener. Now, it smells like a fertilized flowerbed. It is not much better. An air purifier would have done a better job. Hoping to ease your embarrassment, you ask if anyone owns an air purifier. A discussion about air purifiers begins.

Choosing the Right Air Purifier

Now that the conversation is on air purifiers, you start taking mental notes. You want an air purifier system that will quickly and efficiently remove Fido's gas. You would love to have more company over, but man, that dog reeks! Air purifiers are your answer.

Air purifiers are good for all kinds of dust, pollen, mold, and pet dander issues. Those with allergies will attest that an air purifier can make a tremendous difference in their quality of life. You do not often stop to consider that an air

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purifier can take care of Fido's gas odors, too! Regardless, first thing tomorrow, Black Friday or not, you are heading to the store and looking at air purifiers!

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How You Can Help Your Air Purifier

The Humidifier

Owning an air purifier is just a start. If your air is dry, a humidifier can raise the moisture level in your home. In arid climates, humidity levels are often extremely low year round. Drier climates lead to more dust. Dust is one of the many allergens that can make allergies worse. Humidifier systems can save the day in this situation, but there are still other issues. Humidifier systems only add moisture, which can help control dust. However, humidifier systems do nothing about allergens.

The Dehumidifier

In some areas, it rains all the time. Moisture levels inside a home can rise dramatically without a dehumidifier in place. Mold grows anywhere that moisture is prominent. Mold is just as bad as dust for someone with extreme allergies. For that reason, a dehumidifier can be essential. Dehumidifier units take moisture from the air and place it into a tank that you can remove from the dehumidifier and pour outside. Better yet, save the water to give to your plants.

The Air Purifier

Once you have these issues with your dehumidifier and humidifier under control, you are ready to start clearing your air of contaminants with an air purifier. An air purifier will control the rest of the issues. Dust, pollen, mold, mildew, and pet dander-they are all troublesome to those with allergies and asthma. Your air purifier will work efficiently for a long time. There are, however, things you can do to help it along!

Maintenance Tips

Do not allow excess dust to build up. Keep clutter to a minimum. As air flows through your house, air purifier systems will be unable to remove all particles from the air. Dust on furniture will remain behind. Dusting regularly with a slightly damp cloth will ensure that excess dust cannot be reintroduced into the air.

Vacuum your carpet regularly. You really should invest in a canister vacuum with a HEPA air purifier filter. After one day, you will be shocked with the amount of dust that can be found in your carpeting. You can skip carpeting altogether and

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put in laminate or tile floors. Dust mites will not stand a chance against tile or laminate. They'll move on.

If your furnace uses air purifier filters, replace them once a year. This is beneficial for two reasons. First, you don't want the ducts becoming blocked. Carbon Monoxide occurs without warning. Unless you have a working carbon monoxide alarm, carbon monoxide can go undetected and it can kill. Keeping your furnace's air purifier filters clean also is critical. If you are using an old air purifier filter, eventually the dust is reintroduced into your home. The furnace is putting as much dust into the air as it is trying to take out.

One of the most important rules to keeping your air purifier working efficiently is to check the filters regularly. A dirty filter cannot take out contaminants if there is no more room. Despite what the air purifier manufacturer's instructions say, check filters monthly.

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Air Purifiers As Your Household Help

The most complex air purifier systems are based on ultra-violet light (UV) technology. Viruses are too small to be filtered by HEPA or traditional air purifiers. These air purifier systems are usually installed in heating and cooling ducts and currently start around \$300, plus installation. UV air purifiers often combine HEPA and carbon filters to clean the air of multiple toxins. Hospitals and government buildings often use UV/HEPA combo systems.

Getting the Best Cleaning an Air Purifier Offers

If you have severe allergies and money is no object, your best bet is an air purifier that uses a HyperHEPA filter, like the IQAir HealthPro air purifier (about \$700.) Another air purifier shown to be effective against allergens is the Friedrich C-90A air purifier (about \$500.) If you're on a tighter budget, try one of the portable air purifiers that uses an old-fashioned air filter (about \$70). These are usually smaller and clean a smaller size room; so multiple machines will be needed for a home.

Air Purifiers with Filters

For those in dusty locales, or if you're trying to reduce dirt in your house, try an air purifier that uses an air filter like the 3M Filtrete air purifier. Research shows that air purifiers remove dust, pet dander, and common allergens. Smoke and many odors, however, still get through. Filter air purifiers typically cost about \$70 and filters need replacing four times a year. These are best for small spaces, so pick up a few for your home.

Air Purifiers Exposed

Ionizing Air Purifiers

Ionizing air purifiers are a good choice if you have smoky rooms or if you are dealing with odor problems. Consumer Reports, however, did find that ionizing air purifiers are not very effective when it comes to taking getting those pesky particles out of the air. One example of these ionizing air purifier systems is the Ionic Breeze air purifier, which costs about \$300. This air purifier takes a different approach when it comes to air purification. First, they emit negatively charged ions into the air. These negative ions attract the smoke and odor particles, which are positively charged. When the positive and negative ions connect, they form a new particle. This particle becomes too heavy to float in the air, so it falls into the collection plate of the air purifier. This mess is easy enough to clean out with a cloth.

Low Ozone Air Purifiers

Low-ozone air purifiers are a bit different from ionizing purifiers. These air purifiers oxidize the pollutants in the air. As a result, your home is left with nothing but clean, breathable oxygen. You need to be careful with low ozone air purifiers, though, because they can be harmful to your health if they are turned up too high. In addition, you need to watch out for the metallic smell these air purifiers can cause. It can be a bit irritating if you have a sensitive nose. Ozone air purifiers are usually combined with ionizing systems and cost about \$500.

Other Options

You can also choose to use a low-tech air purifier. These have been proven to work well in all home and office environments. They are also easy to maintain because all you need to do is change the air filters on your air conditioning and heating system every month. This simple procedure will reduce dust, dander, and allergens by as much as 50%. In addition to being silent, low-tech air purifiers are cost effective, costing only about \$20 every three months.

You can also run a humidifier to improve the quality of the air in your home or office. These handy machines can help reduce molds in the air. Many types and models are available, with the average humidifier costing about \$30. You will need to get one for every room, though.

Living plants can also serve as air purifiers. These natural purifiers remove carbon monoxide, benzene and formaldehyde. Gasoline, oils, paints, and rubber all contain benzene - you certainly don't want to breathe that in every day! Some great plants you can use to help purify your air are English Ivy, Gerbera Daisy, and Mums. Most are available at home improvement stores and nurseries for about \$10. Not surprisingly, the more of these plants in a room, the better they are able to filter the air.

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Air Purifiers Exposed

Using Light As An Air Purifier

The amazing abilities of the UV air purifier is undeniable, but is the same ultra-violet light technology also useful when it comes to purifying your ducts?

UV air purifiers have been gaining a great deal of attention lately - and for good reason. Quite simply, UV light is a natural air purifier, capable of killing yeasts, molds, and viruses. In addition, this natural purifier is available for free because it is found in the sun.

But, most people live indoors - not out in the sun! Therefore, the trick is finding a way to use this naturally occurring air purifier in the home. This is where UV air purifiers come in to play. These air purifiers can help in detoxify the air in your home, though it is important to note that they won't remove particles from the air.

More About UV Light

UV light is one of the wavelengths emitted naturally by the sun. Though these waves are invisible to the human eye, they are all around us outside. As the sun emits these waves, they radiate pollutants in the air.

Air purifiers that utilize filters, such as HEPA and carbon filters, work by removing solids such as allergens, pet dander, and dust. Ionizing and ozone air purifiers work by using magnetism and oxygen atoms to remove odors and smoke from the air. UV light air purifiers, on the other hand, work by killing yeasts, molds, viruses, and bacteria that may remain in the air. Unfortunately, UV air purifiers will not take care of dust, allergens, or solids in the air.

The Amazing World of UV Light

UV-C wavelength destroys viruses, molds, bacteria, mildew, yeast, and algae by breaking through the microbe and causing its death. In addition to killing the common cold and influenza germs, UV air purifiers also kill more powerful diseases like anthrax and smallpox.

Taking Advantage of UV Light in Your Ducts

Ultra-violet air purifiers are usually installed in metal air duct systems, as exposure to eyes is very harmful. The faster and more often the air system is circulating, the more effective the UV air purifier will be. There are plug-in air purifier models available that make use of multiple filter systems (HEPA and carbon) in addition to a UV light stage.

Multiple filter + UV stage air purifier models start at about \$600. Air duct installed systems, usually offering UV only or a UV / HEPA combination, start around \$300 with an average model costing \$700 plus installation.

Air Purifiers Exposed

Unlike most other purification systems, UV air purifiers have no odor and are silent, though there is noise inherent in running forced air through a home or office. Light bulbs usually need to be replaced every 15 months or so if the UV air purifier is ran 24 hours a day.

Just Ask the Professionals about the UV Air Purifier

"...ultraviolet radiation, properly integrated with heating, ventilating, and air conditioning systems, shows the most promise as a widely applicable means of air disinfection." Richard Riley, M.D. United States Government buildings, including schools and hospitals, are required to have UV air purifiers installed in HVAC systems.

Drawbacks to UV Light

There are some situations that would render a UV light air purifier virtually useless. If the air doesn't circulate in a room or building, or if the air circulates very slowly, a UV light purifier won't be able to do its job. This is because UV light can only kill contaminants that are very, very close to the light bulb. A UV bulb is only 60 percent efficient at .4 inches from the bulb and only 20 percent effective at 2 inches from the bulb.

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Which Air Purifiers Are Quiet?

UV Air Purifiers

Just about the only completely silent air purifier system is a UV air purifier. They use both carbon and HEPA along the UV light to clean all toxins from your air. These systems work by killing germs as they pass through air ducts, where the system is installed. So you'll only have to put up with the sound of your air system to get the benefits of UV.

HEPA Air Purifiers

If you have severe allergies and noise is an issue, then your best bet is to use an air purifier that uses a HEPA filter, such as the Blueair air purifier. The Blueair air purifier a great purifier. Its noise levels register at just 32 dBA, which is comparable to a soft whisper when on low. When on high, this air purifier still only registers at 64 dBA, which is about as loud as a refrigerator.

The IQAir HealthPro air purifier, which has been found to be the best performing air purifier in research studies, registers at 44 dBA when on lower speeds. This is

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also about as loud as a refrigerator. When on high speed, it registers at 72 dBa, which is about as loud as a dishwasher.

Air Filter Air Purifiers

Portable air purifiers using old-fashioned air filters are available at discount stores for about \$70. These air filters register at 70 dBa when on, which is about the same as the IQ Air HealthPro when on its high speed. You'll likely need one of these air purifiers for each room in order to get rid of dust, dander and common allergens.

Ionizing Air Purifiers

Ionizing air purifiers typically do not have running motors. This makes them virtually silent. They do their job by putting out negatively charged ions that bond to positively charged smoke and odor molecules. The combined weight of the particles makes them too heavy to stay suspended in the air. They then drop to the collection plate at the base of the unit.

There is some question whether these really make a long-term difference as they do not remove the particles from the room or secure them for removal by entrapment within a filter.

Low Ozone Air Purifiers

Low-ozone air purifiers clean up the air by oxidizing the pollutants. They are often combined with ionizing systems. Currently, the quietest ozone/ionizing air purifier available measures around 30 dBa on low and 51 dBa on high.

Alternative Options

If these air purifiers are still too noisy for you, or if you're looking for something lower tech, there are other options available. Changing the air filters on your air conditioning and heating system once a month can reduce dust, dander and allergens by as much as 50%. The filters are silent, though you'll have to put up with the noise of your HVAC system.

Living plants work in complete silence. They naturally process the air removing nasty stuff nothing else can, like carbon monoxide, benzene (found in gasoline, oils, paints, rubber, etc.) and formaldehyde. Pothos and English Ivies are particularly good filters, inexpensive, low-light growing and thriving on neglect.

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Air Purifiers Exposed

Air Purifiers For Your Apartment

If you're tired of leaving the windows open to air out your home or find you are constantly replacing plug-in flower-scented air fresheners you may need something stronger. You may need an air purifier.

Natural Air Purifiers

Living plants are one option available to you. Plants are known to be capable of naturally removing carbon monoxide and formaldehyde. They can also take benzene out of the air, which is found in oils, gasoline, rubber, and paints.

All of these substances are known to be irritating odors. Common household plants known for being exceptionally good filters include Gerbera Daisy, English Ivy, and Mums.

Burning candles, particularly beeswax candles, also works as a natural air purifier against odors. There are scented and unscented varieties, and they come in all shapes and sizes.

While candles don't address the cause of the odor, they can temporarily clean a home or office. Beeswax candles are available at most discount and interior decorating stores, as well as online.

The UV Air Purifier

If you really want to take clean the air in your apartment, however, you might need to bring out the "big guns." Plants and candles just may not be enough. In addition, candles can actually add more irritants to the air. Instead, you might want to consider a UV air purifier.

Odor-causing bacteria, such as what is found in diapers, bathrooms, and in your garbage need to be taken care of at the source. Simply opening windows, burning candles, cannot filter out these odors and growing flowers.

Bacteria cause these smells. Therefore, you will need an air purifier with a UV light. Lucky for you, there are a variety of UV light air purifiers available to choose from.

The ultra-violet light (UV) technology used in these air purifiers is actually quite complex. But, they are easy to use. In fact, UV air purifiers can be easily placed inside your air ducts where they can work their magic. These air purifiers actually irradiate the bacteria, viruses, and other germs.

To be effective, however, UV air purifiers require circulating air because the contaminates need to come close to the UV light in order to be zapped by the radiation. For this reason, a UV bulb is only 60 percent efficient when the

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pollutant is .4 inches from the bulb. At 2 inches, its effectiveness drops to only 20 percent.

You can also purchase a UV air purifier in combination with a HEPA filter and an ionizing system. These combo air purifier systems will help get rid of those nasty garlic and fish odors, while also helping to reduce the allergens and dust in the air. This provides an added bonus to the odor removal process.

There are some spray air fresheners that work very much like a UV air purifier. You need to make sure, however, to only use a spray air purifier that is also a disinfectant. These air fresheners kill odor-causing viruses and bacteria, but they are only effective on the area where they are sprayed.

Therefore, you will need to reapply the spray if the odors reoccur. In addition, air fresheners do not improve the air quality, while an air purifier does. And they won't work against stinky cheese or other kitchen odors.

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Your Odor-Eating Air Purifier

There are many types of air purifier systems available and the best choice for you will depend on the type of impurities you are trying to remove.

The Ionizing Air Purifier

If you need to get those smells out of your room, you might want to consider an ionizing air purifier. Many professionals consider these to be the best systems available to clean out a smoke-filled room or to take care of those smells that are irritating your nose.

The Ionic Breeze, which costs about \$300, is one of the most popular of the ionizing air purifiers on the market. These air purifiers send out ions that are negatively charged. These ions bond with the positively charged particles in the room, which include that nasty smoke and those bad smells you are trying to get rid of. After the negative ions make a connection with the positive ions, they become too heavy to continue floating in the air. So, they fall to the collection plate located inside your air purifier. These nasty particles can be easily removed with the wipe of a cloth. You should know, however, that Consumer Reports has released a report stating that ionizing air purifier systems are not effective in removing particles such as dust from the air.

Air Purifiers Exposed

The Low Ozone Air Purifier

Low ozone air purifiers are another option available to remove harmful pollutants and smells. These air purifiers work by oxidizing the pollutant. As a result, you have purified air to breathe. If you are overly concerned about smells, though, a low ozone air purifier may not be the answer for you because it tends to leave behind a metallic smell. In addition, you need to be careful with these air purifiers because they do emit ozone, and too much ozone can be harmful to your health. It is usually best to combine ozone air purifiers, which cost about \$500, with ionizing systems.

The Air Purifier with a Air Filter

If the odors you are trying to remove are related to dust and pet dander, you may want to try an air purifier that uses an air filter like the 3M Filtrete air purifier. Filter air purifiers typically cost about \$70 and the filters need to be replaced four times a year. These are best for small spaces, so pick up a few for your home.

The HEPA Air Purifier

HEPA filtered air purifiers are currently quite popular. They are great systems for removing allergens, dust, and dirt in the air. These air purifiers, however, typically don't do a great job on odors or smoke. In addition, they are a bit on the pricey side.

The UV Air Purifier

The most complex air purifier systems are based on ultra-violet light (UV) technology. UV air purifiers work by killing viruses and bacteria from the air as they pass over a UV light bulb, usually installed in air ducts. UV air purifiers are often used in hospitals and government buildings. While these air purifiers are great for sterilizing air, they don't necessarily work against odors.

Alternatives

You might also want to consider a low-tech air purifier. These types of air purifiers have been shown to work in both the home and in the office. On top of that, they are simple to use! All you need to do is change your air conditioning and heating system air filters every once a month. If done routinely, they can reduce the dander, dust, and allergens in your home by as much as 50%. These systems, however, are not really effective against odors.

You might also try to run a dehumidifier in your home. But, you will need one for every room in your home. Dehumidifiers can help improve air quality while also helping to reduce molds in the air. Many types and models are available, with the average humidifier costing about \$30. Generally, one humidifier is needed

Air Purifiers Exposed

for every room. Some humidifier models also have an optional scent reservoir to release fresh fragrance into the air.

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Use An Air Purifier, Not An Air Freshner

Depending on the cause of the odor you are experiencing, the fix may be as simple as air freshener or as complex as installing an air purifier in your ductwork. Before you choose a solution, you'll need to figure out what is at the root of the odor.

The UV Air Purifier

Odor-causing bacteria, such as bathroom, diaper, and garbage odors, cannot be filtered out with common household air purifiers. For smells caused by bacteria, the air purifier you'll need is one with a UV light. There are a variety of these available.

A UV air purifier can be installed directly into your air ducts. These air purifiers work by radiating the bacteria, as well as viruses and other germs.

They are, however, only effective when air is circulating. This is because the UV light in the air purifier can only kill contaminants that are very, very close to the light bulb. In fact, a UV bulb is only 60 percent efficient at .4 inches from the bulb and only 20 percent effective at 2 inches from the bulb.

Other UV air purifiers are available in combo units that typically include an added HEPA filter and sometimes ionization. These will not only remove odors (the UV and ionizing does that) but also will help reduce the allergens and dust in the air. Air fresheners cannot remove allergens and dust.

There are some spray air fresheners that have an effect similar to that of a UV air purifier. If you decide on a spray air freshener, look for one that says "disinfectant." While they kill bacteria and viruses that may cause odors, they only work where sprayed.

Therefore, reapplication will be needed if the odors reoccur. For this reason, air purifiers are generally a better option because they are capable of purifying entire rooms and homes rather than just one area.

The Ionizing Air Purifier

Ionizing air purifiers are another great alternative to air fresheners. These air purifiers help take care of both odor and smoke in a room - something spray air freshener cannot do.

Air Purifiers Exposed

One of the most well known ionizing air purifier systems is the Ionic Breeze air purifier. This air purifier costs about \$300, but is worth the price when it comes to removing odors.

Ionizing air purifiers send negatively charged ions into the air. These ions are attracted to the positively charged ions in the air, which include odor particles and smoke. As a result, the particles become too heavy to stay in the air and they plummet toward the ground. The ionizing air purifier collects these heavy particles in a special plate, which you can easily clean off with a rag.

Air fresheners, on the other hand, do not remove particles from the air. Instead, they just mask the smells.

Low Ozone Air Purifiers

Low-ozone air purifiers work by oxidizing pollutants, leaving behind breathable oxygen and purified air. Air fresheners, however, do not create purified air. Instead, they simply disguise odors while leaving pollutants behind.

Low-ozone air purifiers can be harmful, however, if they are turned up too high. This is because they increase the ozone levels in the home to above .05 part per million, which is considered to be poisonous. In addition, ozone systems are sometimes associated with a metallic smell.

Nonetheless, when low-ozone air purifiers are used correctly they provide clean, breathable air unlike what is offered by air fresheners.

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Natural Air Purifiers

If you live in suburbia, near a busy street, or experience seasons you don't want to feel in your living room, opening your doors and windows to let out bad smells and let in fresh scents may not always be an option.

Of course, you don't want to live in a home permeated with the smells of steamed cauliflower, shoes, and rubber cement, either. An air purifier may be just what you need.

Why Airing Your Home Out is not Enough

Airing out your house will stir up the odors in your home a bit and take some of the minor ones with it, especially on a breezy day. But airing out the house won't get rid of odor caused by cigarettes, bacteria, molds, or dirt.

Air Purifiers Exposed

What's more, the breeze may actually enflame allergies even more. In addition, opening windows does not purifier the air or kill harmful bacteria and viruses. To accomplish these feats, you will need to purchase an air purifier.

Using a Low-Tech Air Purifier

Many homeowners already use low-tech air purifiers. But, if you are not, you need to get started. Low-tech air purifiers have been show to do a great job in purifying the air in both offices and homes. Even better - it's simple!

All you need to do is change the air filters in your air conditioning and heating system once a month. This will help cut the allergens, dander, and dust in your home in half. As an added bonus, this type of air purifying system is silent and it costs very little, about \$20 every three months.

While this is better than kicking up pollutants with an outside breeze, your HVAC system isn't really an air purifier - especially if you live with odors. So, you should consider getting a more advanced type of air purifier in order to really improve the air you breathe.

The Ionizing Air Purifier

Ionizing air purifiers are good systems for smoke filled rooms or for those with odor problems, which are the two main reasons most people run to the window to push it open.

Ionizing air purifier systems like the Ionic Breeze air purifier perform in an interesting way. They send out negatively charged particles, which combine with the positively charged particles in the air. These positively charged particles include smoke and odor. When the particles combine, they become too heavy to remain in the air. As a result, they are drawn to the collection plate within the air purifier. Then, all you need to do is wipe them away with a clean cloth. It really is that simple! This particular system costs about \$300.

Consumer Reports, however, has found that these air purifiers do not really work against removing dust particles and allergens, so it may not be the best choice for you if that is what you are looking for.

Low Ozone Air Purifiers

Low-ozone air purifiers work by oxidizing pollutants. They then leave behind breathable oxygen and purified air. Opening your windows doesn't purify the air. In fact, it can stir up allergens and other pollutants, making them more irritating to your respiratory system.

Air Purifiers Exposed

One word of caution, however, low ozone air purifiers do emit ozone. While the levels of ozone emitted by these air purifiers are considered to be safe, it is important to monitor the levels to ensure they are not dangerous.

UV Air Purifiers

The most complex air purifier systems are based on ultra-violet light (UV) technology. UV air purifiers will kill bacteria and viruses they come in contact with, so they're ideal for bathroom and garbage odors. Since you don't always know the source of the odor in your home, opening your windows may not be enough to truly get rid of the problem because opening the windows does not kill viruses and bacteria.

In fact, you could actually create an environment that helps these germs grow when you open up your window! UV air purifiers are obviously a much better choice.

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Air Purifiers Exposed

Overview of Well-Known Air Purifier Brands

Alpine Air Purifier: One of the Best Purifiers on the Market

Many people prefer to buy air purifiers to put in their houses rather than just air conditioning it these days. The main reason behind the whole idea of doing so is because of the environment itself. The very air that we breathe nowadays is not so clean after all. An air purifier would do the job very well to purify the air inside the house, as well as to keep it clean at all times.

One of the best air purifiers in the market currently would be the alpine air purifier. This air purifier is actually pretty much famous these days, that if you were to go around searching for the best purifiers online, you would definitely come across it on the Internet.

This alpine air purifier is not something that is so huge and it purifies the whole house with just merely one unit, but it does the job of purifying the air in a certain required space very well. Besides that, this alpine air purifier, unlike other purifiers, is very much mobile. This is meaning to say that you can bring it anywhere, to whichever room you want in the house.

Anywhere and Anytime

This alpine air purifier can also be put elsewhere besides your home. You can place it in your office, storeroom, or anywhere the air needs to be clean. What it basically does is to remove the musty mildew smell that has been haunting the room or space all this while. This is very ideal for those who have breathing problems, and especially to those who can not go to certain rooms or places due to the air in the place. You simply just need an alpine air purifier there running for a few hours, and the person can be there forever if they wanted to.

In certain cases, this alpine air purifier is good for those people with allergies, for what purifiers do is to remove everything including pet odors, mold, mildew, the widespread use of plastic materials, and carcinogenic cleaning products, which pose threats to many with allergy problems.

Unlike the common ozone cleaner, this alpine air purifier can also be used in the car, because it is so mobile that it can work simply in any size room. The low-end range of the alpine air purifier may cost around \$200 or even less, with some stores giving discounts.

[Where To Get an Alpine Air Purifier](#)

Air Purifiers Exposed

Austin Air Purifier: For Your House it is an Ideal Choice

Air purifiers are something of a necessity these days, and in fact it is becoming a very famous trend to have one at home. Many people hunt for air purifiers online and purchase them from renowned manufacturers without even going through the hassle of going to the department store and getting it.

One of the most famous and best selling both online as well as in real stores would be the Austin air purifier. The Austin air purifier has indeed been famous for many years since people started to buy air purifiers commercially everywhere. One secret behind the success of this brand is their product range and availability. Their air purifiers are pretty much famous so you can find them in almost any stores nationwide and online.

Within the range of affordability for large households, this Austin air purifier does not cost much. The best part of this is that most of their air purifiers come in two versions; the large ones and the smaller ones. Both differ in prices variably, giving an option for the buyer.

Good Coverage and Purification

Usually what decides the price would be the size of the area that Austin air purifier can cover at a time. Most of the common ones would cover around 700 square feet, and can go up to 1500 square feet or more. This allows the user to buy whichever the size they want according to their house and necessity, and not forced to buy whichever is available only, although they might have a small size room.

Ideal for small bedrooms as well as large living rooms, the Austin air purifier can sometimes cover up to 2 or 3 rooms at a time. This famous air purifier has been known to remove at least 99.97% of airborne particles, which includes all kinds of allergens, bacteria, molds, viruses, and many more. This means no more problems of having allergic children anywhere around the house, which can be kept clean with the Austin air purifier, together with a good ventilation system.

The Austin air purifier simply releases clean and refreshing air into the room again after cleansing and filtering it. The efficiency of the machine can be controlled, which is very much ideal for any type of households. It can be put to full mode when the room is very dirty, and can be switched to medium or low mode easily at night when the children are sleeping.

[Where To Get an Austin Air Purifier](#)

Air Purifiers Exposed

A Revolutionary Technology for Removing Odors and Gasses – The Blueair Air Purifier

There are a number of air purifiers available in the market today, each better than the other. Choosing one is always a hard and daunting task. The decision of what would be the best for your home would depend on a number of aspects, such as size, humidity content, allergens in the area, dust pollution, pets in the house, etc.

Why the Blueair Air Purifier is a Good Choice

The Blueair air purifier comes with a revolutionary combination of air filters and ion particle chargers which result in better filtered air which is cleaner and safer to breathe.

The components of the Blueair air purifier are made of a special plastic called polypropylene which achieves the outstanding quality of filtering without any self-destruction – like the rest of plastic parts and components do. In this way, you are sure that you or your children will never inhale any microscopic plastic particles even when your Blueair air purifier becomes old and worn out.

Another excellent property of the Blueair air purifier is its capacity to eliminate bacteria, mold and even viruses without the help of any chemical additives. When the filters are used and need replacement, these can be safely discarded as the filter media gets converted into perfectly harmless components, like water and carbon dioxide.

The Blueair air purifier needs to have its filters replaced once they are worn out. Other air purifiers need to be re-charged from time to time as these tend to work less efficiently with time. The Blueair air purifier however, will totally replace the filters once they are worn out; hence, its effectiveness in purifying the air is very high.

The guarantee of the Blueair air purifier tells it all. This purifier is engineered for people who want the best, are used to the best and can buy only the best. Everything about this air purifying system talks about quality and performance. Its exterior is made of galvanized steel which is far better than plastic which gets worn out with the passage of time.

The quality and the engineering genius are such that the company offers an amazing 10 year warranty for this product. The design ensures that the machine works in complete silence, without compromising on the perfection of purification of the air. These machines are the best for asthmatic patients, allergy prone patients and for those who are used to the best there is.

[Where To Get a BlueAir Purifier](#)

Air Purifiers Exposed

Oreck Air Purifier: Go With A Name You Trust

If the people at Oreck know anything, it's how to improve the quality of the air you breathe. Oreck air purifiers are a trusted brand of air purifiers that many families rely on to make the air in their homes cleaner and safer. You may not realize it but the air you breathe can have drastic effects on your health. That's because the air in your home is filled with impurities. What impurities, you may ask. By impurities, we're talking about pet dander, dust, dirt, pollen, carpet fibers, fiberglass, and any other particle that happens to find its way into your home's air. Oreck will help you rid your home of all of these impurities with the Oreck air purifier.

Make Sure You Change Your Filter Often

The Oreck air purifier works by catching all of these particles into its filter. Simply change the filter every month or so and you will find yourself breathing fresh air instead of dirty. You may think that your air is just fine but the truth is that you can't see, smell or taste these particles. They're in the air and you're breathing them in as we speak. Now, most impurities in the air are normal and there's not much you can do about them. Oreck can't eliminate all of these particles but the Oreck air purifier can drastically improve the quality of your air, which will keep you from developing medical conditions down the road.

Help Your Child Breathe Easier

If you have small children in your home, you'll especially want to obtain an Oreck air purifier. That's because the immune systems of small children are still in the process of developing. This makes them more susceptible to illnesses and diseases that can be caused by airborne impurities. An Oreck air purifier can help your child breathe easier so that they can develop normally into very healthy adults.

To find an Oreck air purifier, go to your local home improvement store or check the Oreck website. You'll thank yourself once you breathe in that nice, clean air. Those impurities are now gone. Your family will thank you and you'll save money on doctor bills in the long run so, in essence, your Oreck air purifier pays for itself in the long run. This makes the purchase of an Oreck air purifier a very good investment indeed.

Air Purifiers Exposed

Choosing a Holmes Air Purifier

Today's home environments often require help from an air purifier to make them livable. Recent emphasis on heating and air conditioning costs has led to nearly air-tight homes. When air can't be recirculated easily, the result is stale and even dangerous air and for those with allergies and asthma, the addition of an air purifier is a necessity.

The Holmes Standard

Most consumers want to select an air purifier that meets the standards of a Holmes air purifier. The most important concerns of most consumers include the noise levels, visual appeal, frequency of filter replacement and – most of all – quality of air filter function. The Department of Energy sets standards for air filters.

The high efficiency particulate air (HEPA) filter is preferred by most consumers. It can theoretically remove 99.97% of particulate pollution including dust, pollen, mold, bacteria and other airborne particles. Each Holmes air purifier contains a HEPA filter, and the Holmes air purifier also is known for its quiet motor. The various models are versatile in that they are designed to work sitting flush against the wall, stand upright or be used on their side according to the wishes of the user. There are several sizes to accommodate rooms up to almost 500 square feet.

In addition to using a high quality air cleanser like the Holmes air purifier, other actions can be taken to reduce air irritants in the home. There is no way to entirely eliminate dust mites in the home and besides using the Holmes air purifier, it's a good idea to use a plastic mattress cover for every mattress and box spring in the home. The use of a fireplace releases some smoke into the home which lingers, especially in fabrics. A good way to get around that, is to replace a wood-burning fireplace with an electric fireplace if desired. The HEPA filter in the Holmes air purifier is not the only air filter in the home.

Always use the exhaust fan over the stove when cooking and make sure its filter is cleaned regularly. Clean the air conditioner filters monthly, and always remember to check the air conditioners for any sign of mold or mildew. Keep doors and windows closed to keep dust, car exhaust and pollen from entering. Artificial scents can be irritating so avoid perfumes and scented soaps, candles and cleansers. Check the weather forecasts for warnings of days with high pollution – whether ozone alerts or reports of high pollen counts – and stay indoors when appropriate. With the right actions and the help of a Holmes air purifier, you can enjoy a safer indoor environment.

[Where To Get a Holmes Air Purifier](#)

Air Purifiers Exposed

The HEPA Filter and the Honeywell Air Purifier

Once homes were surrounded by pure natural air, contained few pollutants and kept cool with open windows, but this is no longer the case. Homes have become nearly air-tight to keep from wasting energy for heating and cooling. The air surrounding most homes contains pollutants from car exhaust and allergens like pollen.

Today's homes contain machinery that can give off damaging fumes, dust, pet dander and even fumes from harsh cleaners. It's no wonder that more people suffer from allergies and asthma than ever before, and the answer is to use an air purifier of the caliber of the Honeywell air purifier.

The HEPA Filter

Like the Honeywell air purifier, all of the finest air cleansers contain a high efficiency particulate air (HEPA) filter. In theory, this kind of filter can remove at least 99.97% of airborne particulates of 0.3 micrometres. This size is significant because it's the most penetrating particle size. The air filter is even more efficient with particles that are either larger or smaller.

A HEPA filter is made of a mat of fibers arranged in a random fashion that trap particles. It was originally designed in the 1940s and it was used in the Manhattan Project that developed the first hydrogen bomb where it trapped airborne radioactive particles. "HEPA" is not a brand name. It is a rating that can be applied to a filter made by any company as long as it meets the same high standard. The Department of Energy sets the HEPA standards and ensures that all filters that claim to be HEPA meet those standards.

With the aid of the HEPA filter, the Honeywell air purifier is able to keep second-hand cigarette smoke from filling the air of a home with pollutants like carbon monoxide, formaldehyde and hydrogen cyanide. One of the major causes of allergy problems is animal dander. With the help of regular vacuuming, the Honeywell air purifier can go a long way in preventing allergic reactions.

Ordinary objects in the home can release formaldehyde gas into the home's atmosphere. Objects like carpets, adhesives, upholstery, and particle board can cause fewer breathing problems with the help of a Honeywell air purifier. While it's impossible for a home to be completely free of dust mites, a Honeywell air purifier can help a great deal. Although it seems as if the number and types of air pollutants increase every year, it's reassuring to know that technology like the Honeywell air purifier is keeping up.

[Where To Get an Honeywell Air Purifier](#)

Air Purifiers Exposed

An Exceptional Air Purifier – The Panasonic Air Purifier

There are so many brands of air purifiers out there, each better than the other. This is because each brand wants to outdo the other so their sales would increase and capture a greater percentage of the market. There are millions of dollars spent upon research and development each year by these companies which constantly seek better ways to filter the air.

The Different Techniques of Air Purification

What started with simple filtering of air has metamorphosed over years into highly sophisticated scientific methods, such as ionizers, electro static charges and plates, UV filters and cluster ionization concept.

Here, the Panasonic air purifier answers to the latest trends as an air purifier. It has all the modern technology dictates rolled into a cost-efficient model. The Panasonic air purifier provides 24 hours of guaranteed air purification with the help of a series of hi-tech processes to ensure that all the air is satisfactorily clean. Besides, it also has additional things such as UV light which further enhances its efficiency in cleaning and purifying the air.

The air first passes through an air quality monitor. There, an LED lights panel. The blinking of the LED actually shows how many pollutants are in the air and how many are being “caught”. The operations of catching these air borne particles is done in almost total silence. Most of the modern air purifier options are almost silent and this is possible because the Panasonic air purifier has a specially designed motorized fan which works soundlessly.

Other great features of the Panasonic air purifier is that it is equipped with automatic shut-off every 20 minutes. This will ensure that the air is totally clean, while at the same time, electricity consumption is maintained throughout at the minimum possible. The filters are connected to tiny LEDs which will indicate when it is the time to change the filters, or to clean the filters.

Most other air purifiers will need you to keep checking up on the status of the filters. The filters usually last a long, long time. The standard HEPA filters require changing once every three years or so, and the deodorant would need to be changed about once every year.

From the above description of the Panasonic air purifier, one can understand how advanced the set is. The air purifier uses exceptionally contemporary technology and the LED control panel will ensure that the air is always at its purest.

Air Purifiers Exposed

A Sharp Air Purifier Is Excellent With Smoke and Heavy Odors

There are air purifiers, and air purifiers. You have a cornucopia of them out there and it is quite troublesome for one to choose. When you are out there in the shop, you are faced with so many choices that you lose track of what you wanted in the first place. This is why, before you go to the store, you should make a list of your requirements so you stay focused on your needs.

Sharp Air Purifier is an Excellent Deodorizer

There are many requirements for which people purchase and install these contraptions in their house. Some do it because they want dust-free air, some because they want to be able to prevent asthma allergens inside their house; some want it because their homes are affected by cigar/ cigarette smoke and other heavy and unpleasant odors.

In homes where the kitchen is part of the dining space, cooking odors can be a serious concern. The chimney does away only with the smell and smoke that result from cooking. What about the odors emanating from the pre-cooking operations? What about the post-cooking odors? There are also homes where one or more adults smoke regularly. Knowing that passive smoking is just as harmful as direct smoking, people look for an alternative to breathe clean air, without having to compromise on the habit of smoking.

The Sharp air purifier is the answer for all these homes. This machine works with a built-in plasma-cutter ion generator which is extremely effective in countering odor-carrying molecules in the air. Besides the fact that it is excellent in removing strong and unpleasant odors, it also specializes in neutralizing the cigarette smoke smell.

The Sharp air purifier has been specially designed to absorb and block the movement of mold spores into the air. The cluster ions that are released by the Sharp air purifier bond with the mold spores and break them into harmless compounds of hydroxyl radicals. The highly advanced technology of the Sharp air purifier enables the cluster ions to remove viruses as well.

The ion clusters method is fast (diffusing rate being of 5m/second) and exceptionally effective in any type of house. Since the Sharp air purifier is portable it could be used in any and every place you want in the house. You might like to use it in all the rooms (take it in every room and perform the air purification) or install one in each room. How many you need and have, would very much depend on your budget; however, whatever amount you earmark for the Sharp air purifier, is definitely money well spent.

[Where To Get a Sharp Air Purifier](#)

Air Purifiers Exposed

Use a Whirlpool Air Purifier to Breathe Easier

If you tend to have trouble with entering certain rooms and places where the air is not so clean, you are not alone. There are millions of people out there having the same problem, especially children and the elderly. But of course every problem comes with a solution, or somehow something leading to a solution, and an air purifier would be the answer for this problem.

It is worse if you have problems going around the whole house at times due to the contents of the air. For this reason, you would really need a good air purifier that covers the whole area at large, such as the whirlpool air purifier. A common whirlpool air purifier, which is not something so rare these days, does the same thing as any other type of air purifiers.

Breathing Easier

Healthy living starts from the very air you breathe. You take in the energy from around you and it is converted into other forms of energy in your body. And imagine things going wrong just because the air itself is not so clean or pure. This is where you really need an air purifier, and especially if the whole house is involved, a whirlpool air purifier.

A whirlpool air purifier, just like any form of air purifier, circulates and releases clean and refreshing air, as well as filters the air of any contaminants and airborne particles such as allergens, bacteria, molds and viruses. Unlike common air purifiers, the whirlpool air purifier has been proven to be more effective in cleaning the air of dangerous particles. Also, this type of air purifier has said to be one of those which produce the least amount of ozone, and in certain cases, nothing at all.

The best part of the whirlpool air purifier is that it covers large areas, up to 600 square feet or larger. This is ideal for those who want an air purifier in the living room or dining room, or even in the kitchen. Regardless of this factor, the whirlpool air purifier is very affordable, and in most cases, this type of air purifier can be found anywhere on the Internet as well as around the country. This whirlpool air purifier has very good reviews compared to other common types of air purifiers, so people do not hesitate when it comes to choosing one.

Besides just being effective and affordable, this whirlpool air purifier is very easy to use and durable. And in most cases, the ones online are Energy Star qualified as well, which means there is no wastage or power and everything you pay is worth for.

Air Purifiers Exposed

The Hunter Air Purifier and Dust

Between 40 and 50 million people suffer from allergies. While some have seasonal allergies and find some relief for a few months every year, others have year-round allergies such as dust. The only way to find relief is to reduce year-round irritants in the air. The use of a top-rate air cleanser like the Hunter air purifier goes a long way to help. There are some other ways to give the sufferers a further boost.

Dust Dangers

To anyone who has never suffered ill effects from dust, it may seem like a minor thing. However, there are lung diseases that are caused by dust. They are pneumoconiosis and include asbestosis, mesothelioma and black lung disease. These illnesses are each caused by different types of dust. The Hunter air purifier can clean the air in a home from all types of dust because it uses a HEPA air filter which, according to the Department of Energy, takes at least 99.97% of airborne particles out of the air. The high efficiency particulate air (HEPA) filter is not a brand name but a standard that a filter bearing the name must meet. The Hunter air purifier comes in several sizes to fit any room of the house.

The airborne particulates that cause allergies are called allergens. One of the most prevalent allergens is dust, but other types of allergens are found in the home every day of the year. Dust mites can be a problem for those who are allergic to them. Besides, the use of the Hunter air purifier, plastic covers should be used on pillows, mattresses and box springs.

Stuffed animals can carry dust mites and certainly shelters dust so keep them to a minimum in the room of a child with allergies. Carpets and drapes are also dust magnets. Bedding should be washed in hot water every week to keep dust mites away and maintain an indoor relative humidity below 50 percent to keep dust mite numbers from increasing. Dry air also helps decrease the growth of mold and mildew. The Hunter air purifier will pick up the slack.

Many breathing problems become worse at night. Again, the Hunter air purifier is great at removing pet dander from the air, but you'll want to make sure your pets are clean by bathing them weekly when possible. Allergies can lead to asthma and other lung problems, so they should be treated by making every attempt to keep away irritants. A Hunter air purifier doesn't just make a home more pleasant, it makes a home more healthy.

[Where To Get a Hunter Air Purifier](#)

Air Purifiers Exposed

Recommended Resources

Here's a list of websites where you can get an Air Purifier:

<u>Clean Air 4 Life</u>	Biozone	From \$229.95 to \$479.95
<u>All Brands</u>		
	BlueAir	From \$349.95 to \$599.95
	Honeywell	\$129.99
	Sharp	From \$249.00
	Air-O-Swiss	From \$99.99 to \$369.99
	Austin Air	From \$299.99 to \$549.99
	IQAir	From \$649.00 to \$795.00
	Hamilton Beach	\$89.99
<u>Allergy Be Gone</u>		
	Honeywell	From \$54.99 to \$259.90
	Austin Air	From 299.99 to \$549.99
	Holmes	From \$53.90 to \$199.99
	Hunter	From \$44.95 to \$239.95
	BlueAir	From \$99.95 to \$499.95
	Air-O-Swiss	From \$179.99 to \$339.00
	IQAir	From \$649.00 to \$2495.00
	Plus Over 20 brands available	