About Our Air & Water Purifiers

Our air and water purifiers being light, mobile and very simple to use, can filter your indoor air or drinking water instantly – just by a flip of a switch. It can be used to treat drinking water from any source - public or private, or your indoor air - right from the comforts of your own home or office. Utilizing a UV lamp and ozone, it is one of the best and most eco-friendly ways to safeguard you against many impurities in our air and water today.

Ozone’s Origins & Uses

Ozone was first identified around the 1840s. In 1906, France built the first municipal water treatment plant utilizing ozone purification. Today, over 2,000 plants worldwide are using ozone to help purify our drinking water. In fact Los Angeles, California even has one the largest plants in the world utilizing ozone. Also, ozone systems are being used over chlorine systems in water-bottling plants because of ozone’s extraordinary ability to effectively purify water without any chemical side effects to consumers. It is by far the safest and most powerful oxidizer today, allowing us to enjoy fresh clean air and sparkling fresh water naturally without any artificial or toxic cover-up.

Ozone’s Meaning & Creation

Ozone from the Greek word ozein “to smell” is a volatile (reactive) molecule comprised of three oxygen atoms. It is produced when the sun’s short-wave ultraviolet light strikes and splits oxygen molecules (O\(_2\)) in the ozonosphere, high above the earth (~90,000 ft. above sea level) into oxygen atoms (O\(_1\)), afterwards combining to any oxygen molecules (O\(_2\)) nearby, making ozone (O\(_3\)). It is also one of nature’s most abundant cleansers along with the sun’s ultraviolet light shining through on to this beautiful Earth. It’s even created whenever a lightning storm occurs by splitting oxygen molecules (O\(_2\)) – resulting in the same product as the sun. The sweet smell afterwards has been said to be ozone as well.

Top Five Benefits of Using UV Light & Ozone

1. Odor and pathogenic elimination in the air and water.
2. Clean air and water without any nitrogen byproducts.
3. pH neutral, causing no adverse affect of water’s pH balance.
4. Revitalizes stale air and water in a matter of minutes.
5. Inexpensive to run, just taking pennies a day.
These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease.

What Should be Included with Your Air & Water Purifier?

1. This operator’s manual of course.

2. An Ozone Output Extension Hose tied to your silver fan grill with a twisty-tie - on the front (the slanted plane) of your Air & Water Purifier (dimensions: ¼-inch outer-diameter by five feet in length).

1. An Air Diffuser Stone for water, which should be attached to the Ozone Output Extension Hose.

2. An Air Input Extension Hose seen attached to your Auxiliary Air Input Hose, if you have an OxyReady Air & Water Purifier (dimensions: same as the Ozone Output Extension Hose, except for the clamped-on hose on one end).

How to Power on Your Specific Model

To know which Air & Water Purifier you have purchased, just look on the back of it and it should say one of the described four models below; otherwise just look at the first two letters beside the “M/N:” (Model Number:) and compare them to the first two letters of each model’s title in parenthesis below.

Note: I know this may be obvious to some, but even the best of us forget the simplest things at times, so bare with me here for a little bit. Please remember to plug your Air & Water Purifier into a power outlet using the black cord attached to the back side of your Air & Water Purifier, before attempting any instructions below. Otherwise, nothing will happen even if you follow the instructions below. If your Air & Water Purifier turns off in the middle of operation, please push the breaker switch back in. It’s located above the black power cord. If your unit still shuts off repeatedly after pressing this breaker switch back in multiple times, please contact us for replacement (when under general warranty only) or repair of the unit. This only applies to recent units with a breaker switch installed.

1. Basic (Switch) Air & Water Purifier (BS): Use the Main Power Switch on top at the rear of the machine to power up your Air & Water Purifier. Just push this switch to the side that says “Power Is On” for it to run.

Basic Usage of Your Air & Water Purifier

For Air: Detach the Ozone Output Extension Hose from your Air & Water Purifier’s Ozone Output Hose, if it’s still attached, so the fan underneath can blow the ozone into the air, if you desire use it in the immediate location. If you wish to extend use to another location within reach, only detach the Air Diffuser Stone from your Ozone Output Extension Hose and then make sure the Ozone Output Extension Hose is attached to the Ozone Output Hose. The appropriate usage times are specified on Page 5, Section Ideas for Around Your Home or Business, under Ideas 2 and 3. Idea 3 is more effective without the Ozone Output Extension Hose attached.
**For Water** (or Other Liquids): Please insert the **Ozone Output Extension Hose** (with the **Air Diffuser Stone** attached to it) into the **Ozone Output Hose** that’s over the fan and drop the attached **Air Diffuser Stone** into the liquid for the appropriate times specified on Page 5, Section **Ideas for Around Your Home or Business**, under Ideas 1 & 4.

**Ideas for Around Your Home or Business**

1. Keep your produce fresher by bubbling it in a bowl of water for 15 minutes, five times a day, if it is left out, to reduce any ripening that you may have. Do this by getting a bowl of fresh produce and putting water inside it. Then use the **Ozone Output Extension Hose** and **Air Diffuser Stone** as mentioned above for purifying water and other liquids.

2. Remove minor odors created from smoking, pets, cooked foods or various other things by running your **Air & Water Purifier** an hour per every 1000 cu. ft. (10ft. L x 10ft. W x 10ft. H) or less of room space. Place your **Air & Water Purifier** or the attached **Ozone Output Extension Hose** inside the room for a 24-hour period to completely deodorize strong offensive odors. This idea works for cars, trucks or boats that you have too. Do keep in mind, if you use your **Air & Water Purifier** for spaces smaller than 1000 cu. ft (including your vehicle, boat, closet, refrigerator or freezer) for more than an hour then it is not recommended to go into the room or stand near the opening until it has aired out for at least two hours if there’s no ventilation. No ventilation is best if you desire to remove the odor effectively. Also it is recommended to place only the attached **Ozone Output Extension Hose** inside these small spaces, since the ozone from your **Air & Water Purifier** will shorten the running life of the air pump inside, if your **Air & Water Purifier** is contained within a small space during this process.

3. Sterilize airborne bacteria, viruses and mold by using the UV lamp inside your **Air & Water Purifier** with the same recommendations found previously in Section **Ideas for Around Your Home or Business**, under Idea 2, but without the use of your **Ozone Output Extension Hose**.

4. Sanitize your drinking water using your **Ozone Output Extension Hose** and **Air Diffuser Stone** provided (as stated above in “For Water”), by attaching your **Ozone Output Extension Hose** to the **Ozone Output Hose** (over the fan) then bubbling your drinking water for about one minute per four ounces of water or 15 minutes per gallon of water you would want to drink or use later. **Please note that this only destroys pathogens and oxidizes the substances mentioned above** (see Page 2, Section **Top Five Benefits of Using UV Light & Ozone**) that you may have inside your drinking water. You may possibly see oxidized sedimentation that has fallen towards the bottom of the container, if there is anything to oxidize inside your water.

5. Remove on-wall or floor mold by placing your **Air & Water Purifier** in a confined manner next to the source, running your **Air & Water Purifier** for a minimum of a 24-Hour period. Depending on the amount and size of your mold you should use either a small or large garbage bag (cut to size, if required), then strap or lay it to your wall or floor to seal inside the **Ozone Output Extension Hose** (without the **Air Diffuser Stone**). Keep in mind that strong concentrations may be
underneath this bag so just pull a corner of the bag away and let it aerate for about an hour before removing what you used to confine the ozone after your Air & Water Purifier has been shut off. If possible use a box fan to dissipate the ozone faster during the aeration process. Please remember do not breathe directly from the bag containing the ozone.

**Care and Maintenance of your Air & Water Purifier**

When looking at your Air & Water Purifier, you will notice that it has black Air Intake Filters on each side of it. These should be cleaned periodically about every 30 days. You may use a vacuum hose with a brush attachment or you may gently unsnap the cover from each Air Intake Filter Fabric, removing them and then cleaning each Air Intake Filter Fabric using warm and soapy water, rinsing and drying completely before reinstalling them. When the Air Intake Filter Fabric becomes brittle, replacement Air Intake Filter Fabrics are available from us. We also advise you to do this for the two small round Air Pump Filters on the side. Just follow the steps above using the same methods for cleaning the dirt or debris out, but without using a vacuum hose due to their size. Your Air Diffuser Stone may become clogged through use. If this happens, it can be cleaned for reuse, using muriatic acid, a very dangerous chemical. We would rather you purchase a new Air Diffuser Stone instead, since this is the safest and easiest approach. If any chemical such as muriatic acid is used though, it is solely at your discretion. HealthtoHeart.com will not be held liable for any type of loss or damage that has occurred related to or resulting from the use of this chemical with your Air Diffuser Stone. Please call to replace any of the above items.

**Warnings to Regard Closely**

Please do not drop your Air & Water Purifier from any height! It has a fragile copper-encased glass UV-C germicidal lamp inside, which doesn’t handle any kind of shock well. If it’s been dropped and broken by you, it will be replaced at your expense.

Please do not submerse your Air & Water Purifier in any liquid, no matter what or how deep! Otherwise, you will be exposed to high amounts of electricity, which will possibly cause you severe physical harm or even worse, death by electrocution.

Please keep any rubber products you have away from Your Air & Water Purifier! This machine can disintegrate rubber products from the ozone it generates, if you leave anything exposed to the machine for an extensive amount of time.

Please do not directly inhale air from any hose on your Air & Water Purifier! Otherwise, you will expose yourself to excessive amounts of ozone for your lungs, resulting in asphyxiation (very serious and life-threatening breathing difficulties). If such a thing occurs, please call for emergency help services by dialing 9-1-1.

Please do not look at any light coming through your Air & Water Purifier’s tubing of the encased UV-C germicidal lamp, if you should open up your machine after warranty’s expired! This can cause severe harm to the eyes, which could result in blindness from UV-C light. The lamp will be encased with a copper sleeve around it to protect from this, but please be careful to not ever look through it’s tubing when the machine’s on.

Please remember to always follow these warnings closely! We will not be held liable for any accident or type of loss because of or resulting from these hazards, if you should disregard any of the above warnings.

**General Warranty on Air & Water Purifiers**
Your Air & Water Purifier comes with a limited one-year non-transferable warranty on parts and labor of the date and point of purchase to the original end-user, as long the Air & Water Purifier has not been disassembled or altered within this time period. If the Air & Water Purifier is sold from the original end-user to a secondary end-user, the warranty is considered void and will be treated as non-warranted Air & Water Purifier. The original end-user will be entitled to a refund or replacement if their Air & Water Purifier has been returned to the machine’s original point of purchase within 90 days of the order purchase date, minus the shipping and handling charges on the initial purchase. If your Air & Water Purifier been disassembled, altered or damaged, we will deduct value of any removed, altered or damaged item before a refund is issued.

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