



## XT-6000S Operating Instructions

The Air-Zone XT-6000S is used to give high ozone ‘‘shock treatments’’ to unoccupied areas contaminated by heavy odors, mold, or bacteria, such as a basement, crawl spaces, attic, or laundry room of a home, vehicles or an unoccupied bar or restaurant.

### Where to Place the Unit



The XT-6000S should be placed where the best possible ozone distribution can be obtained, such as a high shelf or a tall cabinet. Placing the unit in a central location will result in the best possible room coverage.

Ozone is heavier than air, so placing the unit as high as possible is recommended. A fan can greatly aid in the distribution of ozone. Keep the unit away from dusty, dirty areas.

NEVER put the unit on the floor where dust can get to it.

Placing the unit close to the return air duct of an air handling system is an excellent way to assure even distribution of ozone throughout an area.

### Ozone Levels

Adjust the ozone level according to the level of odor contamination in the room or vehicle. Heavy contamination may require a higher level of ozone and a longer treatment time. There is no set formula to determine the correct ozone level or length of treatment. It is best to start with shorter shock treatments to get a feel for the machine and what it can accomplish.

Overuse of ozone is not recommended. If too much ozone is present in the room the ozone smell can embed itself into the room or vehicle. This should be avoided.

Too much ozone can eventually harden rubber and make it brittle. Always use as little ozone as possible required to do the job.

## High Ozone Shock Treatments

One of the best features of a high-powered ozone generator is the ability to do High Ozone Shock Treatments. To remove strong odors such as mold, animal urine or heavy smoke smell, the ozone level should be set to level 5, which means ozone is produced for 60 seconds per minute (continuously). This is called a high ozone shock treatment. **The room MUST be vacant of people, animals, or plants.**

**This is an ABSOLUTE MUST!**

**The countdown timer MUST be used.**

After the countdown timer has shut the unit off, wait at least **half** the time of the ozone shock treatment to re-enter the area. For instance, if you ran the machine for 2 hours, wait at least one hour before re-entering the room. You may then air the room out by opening windows.

The room may have a “bleach-like” odor at first, but after airing the room out it will smell fresher.

Mold and stubborn odors may require treatments to be repeated as needed on a periodic or maintenance basis.

The most effective use of ozone is by treating areas on a room-by-room basis. Attempting to ozonate a whole house at once is not recommended. It is better to run the unit for 2 hours per room than to run the generator for 24 hours in a whole house. This is because the level of ozone concentration will never get as high as when the machine is used to treat each room individually. An odor or mold problem may never be eliminated if the ozone concentration is not high enough.

It is best to start with shorter shock treatments to get a feel for the machine and what it can accomplish.

Overuse of ozone is never recommended. Always use as little ozone as possible required to do the job.

## Controls:



## Ozone Level Settings

The three POWER buttons, labeled “A,” “B” and “C,” turn the unit ON and OFF. Each one operates two of the ozone elements, producing 2000 mg/hr of ozone. When “A,” “B” and “C” are ON, the XT-6000S produces a total of 6000 mg/hr.

To select the **OZONE LEVEL**, turn the unit on and then adjust the yellow, “Ozone” knob to one of its five positions. Each position will determine how much ozone is being created and how many seconds per minute the machine will run.

- Level 1 sets the machine to run for 10 seconds per minute.
- Level 2 sets the machine to run for 20 seconds per minute.
- Level 3 sets the machine to run for 30 seconds per minute.
- Level 4 sets the machine to run for 45 seconds per minute.
- Level 5 sets the machine to run for 60 seconds per minute or continuous.

A small LED on the power switch will blink once per second in between the burst time selected. For example, if you selected Level 2, the machine will burst ozone for 20 seconds - no ozone will be produced for 40 seconds (that's when the machine will blink once per second - the machine will burst again for 20 seconds - this process will continue for as long as you set the machine to run. See the Countdown Timer instructions that follow.

## Countdown Timer Control

The unit can countdown a total of 7 1/2 hours.

Push the timer select button to set the ozone generator operating time.

The timer lights on top of the unit display the timer setting. To set the **TIMER** press the Timer button until the corresponding light illuminates.

The lights on the dashboard represent 0.5, 1, 1.5, 2 or 2.5 hours.

The lights can be “added” together to make a longer time.

When the First light is lit the unit will operate for 30 minutes and then shut off.

If Second light is selected the unit will operate for 60 minutes and shut off etc.

After the time period selected the unit will permanently shut off.

Continuing to press the timer button will light more than one LED such as the 1<sup>st</sup> light (30 minutes) and 2<sup>nd</sup> light (60 minutes) minute lights. When these two lights are lit the unit will run for 90 minutes and then turn off.

When all the LED's are on, the unit will run for 7.5 hours and then permanently shut off.

**If no LED's are lit the unit is running in the continuous mode.**

**This mode is not recommended, as it is best to always use the timer.**

After the time period selected the unit will permanently shut off. The power light will blink once every 2 seconds once the unit has turned off.

The unit has a “smart chip” in it and will remember the last timer setting it was on when turned off.

If the timer seems to be malfunctioning unplug the unit for 10 minutes and start over.

## Removing Odors from Vehicles

Ozone can very effectively remove odors from vehicles. The removal of odors inside a vehicle is entirely dependant upon the level of contamination, or odor within the vehicle. Stronger odors may take longer to remove. Treatments can always be repeated.

The best method is to place the ozone generator on top of the vehicle with a towel underneath it to protect the vehicle's finish. Attach a standard 4-inch dryer vent hose to the generator and place the other end through a window in the vehicle. A template of cardboard, or plastic, and tape may be used to fit the hose into the vehicle for a snug fit. **This is the recommended way to ozone a vehicle.**

Alternately, the ozone generator may be placed inside the vehicle, but it is best to use the dryer vent hose method as it presents a "clean air draw" to the ozone generator and it does not ozone the generator itself.

**Do not put the ozone generator on the ground.**  
**You MUST use the countdown timer when using the XT-6000S.**

For vehicles it is best to start with power switch "A" on (2000 mg/hr). Then turn the yellow "Ozone" knob to the 5<sup>th</sup> position.

To set the countdown timer press the green "Timer" button until the 30 minute green light appears in the LED display. This will run the unit for 30 minutes and then shut it off automatically.

Let the ozone dissipate on it's own in the car for 30 minutes. Then, open the car windows and let fresh air into the car for another 30 minutes.

Now check the vehicle to determine if the odor is gone or if you need to repeat the treatment. If a repeated treatment is needed, you may also try increasing the amount of ozone by turning on power switches "B" and/or "C."

**THE MOST IMPORTANT THING TO REMEMBER WHEN OZONING VEHICLES IS NOT TO OVERDO IT!**

**The XT-6000S is a VERY powerful ozone generator so care MUST be used.**

If the vehicle is over-ozoned it will retain a strong bleach-like odor for a long period of time.

Most vehicles can be freshened up within 30 minutes to one hour.

To remove odors trapped in the AC/Heat vents, simply put the fan on in the vehicle at room temperature or warmer. Do NOT run the air conditioning as colder air makes it harder for the ozone to work.

Do not operate the ozone generator outside in the hot sun. Doing so may cause overheating.

It is best to ozonate vehicles in an open door, vented garage.

## Maintenance

Unplug the unit before cleaning. The outside of the unit can be cleaned with a moist paper towel. A small vacuum attachment can be used to gently vacuum the dust that accumulates in the holes of the unit. An air pressure hose can blow dust out of the ozone elements also AFTER a vacuum has been used.

There is an electrostatic patented 3M air filter on the backside of the generator to keep dust from entering the unit. A vacuum hose attachment can be used to suck the surface dirt off the filter. When the filter becomes a dark gray color, usually between two and three months, replace it with a new filter. Do not reuse the old filters. The filter life is completely dependent upon how often the generator is being used and how well it is being maintained.

In a smoke environment the filters may need to be changed more often. The unit comes with a supply of 4 filters. After that the user may purchase additional replacement filters from Air-Zone Inc.

**If the filter becomes very dirty and begins to restrict airflow, the unit can overheat.**

If the operating environment is excessively smoky or dirty, the inside of the generator can become coated with dirt, tar and/or debris. Cigarette smoke can coat the ozone elements in as little as a month and reduce their output significantly. This could lead to a more detailed cleaning and cleaning more frequently. To prevent these problems always try to draw clean air into the unit. This can be accomplished by routing a 4-inch dryer hose, from a clean air source, into the rear intake of the machine.



## Cleaning the Ozone Elements

If the ozone elements become dirty, and ozone output is reduced try cleaning them. The easiest way to clean the ozone elements is to run the generator on full power for one hour. This will help burn off any accumulated dirt or debris on the elements. The metal, cleaning tool included with the unit can also be used to push dirt from the ozone elements. Make sure the unit is unplugged when using the element cleaner.

## Warranty Information

Every Air-Zone ozone generator is checked to be in perfect working condition before it is shipped, and is under warranty from manufacturing defects for a period of five years.

This warranty does not cover damage caused by abuse of the unit including:

- Dropping the unit
- Damage from overheating due to excessive use inside a vehicle
- Damage from improper maintenance of the ozone elements and filters

This warranty does not cover replacement filters or ozone elements.

Ozone elements are under warranty for 6 months.

Shipping of the unit for service is solely the customer's responsibility.

**Air-Zone is not responsible for any damages caused by the use or misuse of this product. This owner's manual is subject to periodic updates.**

**MAKE SURE THE UNIT IS UNPLUGGED BEFORE SERVICING!**

**THE HIGH VOLTAGE TRANSFORMERS OPERATE AT 5000 VOLTS EACH!**

## Unit Specifications

Electric Source: AC 110V-AC 120 V, 60 Hz

2 Amps, 5 Amp Protection Fuses

Electrical Consumption: 0.4Amp (two ozone elements), 0.6A,p ( four ozone elements), 0.8Amp ( six ozone elements), 48 watts – 96 watts.

High Voltage Transformer Output: 5000 volts per transformer, 3 transformers total

Ozone Output Per Hour: 3 selections, 2000 mg/hr, 4000 mg/hr, or 6000 mg/hr.

Maximum Ozone Output: 6477 mg/hr.

Fan Air Flow Rate: 107 CFM

Ozone Air Flow Rate: 75 CFM

Ozone Burst Control: 10, 20, 30, 45 and 60 seconds per minute

Built in Timer: 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5 hours

Dimensions: 21.57" (L) X 6.33" (W) X 8.18" (H)

Weight: 17.5 lbs.

## **Air-Zone Inc.**

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