

XT-301 Operating Instructions

The XT-301 features a patented method of creating ozone by corona discharge, and a patented air pump.

It can be used for disinfecting water in a 16-oz bottle up to a 5-gallon water tank.

It can also purify food and eliminate surface bacteria and pesticides from the food.

*** PLEASE NOTE:** Before you begin operating the XT-301 allow for a warm-up period. You do this by turning on the machine without the silicone hose attached, and let the unit blow ozone into the air for 10 minutes. Also, always be sure your check valve connector piece is pointed in the direction of ozone flowing into your container. The check valve is the plastic connector piece in the silicone hose. There is an engraved arrow on this valve and it should be pointing in the direction of the ozone flow.

Placement of the Unit

The ozone generator can be used lying flat on a countertop, or it can be mounted on the wall by the hook cradles found on the bottom of the unit.

Mounted on the wall the XT-301 has a very thin profile, and takes up very little room.

How to Purify Water

The ozone generator should be placed where the best possible ozone distribution can be obtained. Purifying water with the XT-301 could not be simpler. Connect the air hose to the output of the stainless steel ozone nipple just under the timer knob on the top of the unit. Then connect the bubbling rock to the other end of the hose and place the air rock at the bottom of a container of water. As the ozone bubbles through the water it will purify the water. The automatic timer can be set for the 15, 30, 45 minutes or a continuous setting. When the ozone time period is over the hose and the air rock can be removed, and the unit turned off.

Here is a timer guide for different sized containers:

1 Quart of water can be purified in about 5 minutes

1 Gallon of water can be purified in about 15 minutes.

5 Gallons of water can be purified in 45 minute to an hour.

When a container needs *less* than the programmed time, simply power off the unit before the programmed time has expired.

Automatic Hourly Burst Function:

This unit has an automatic hourly burst function built into the timer to continue to ozonate your water every hour. Unless the timer is set for continuous, the timer on this machine will cycle back on every hour. This occurs when the ozone time period (15, 30, 45 minutes) is over, and if the silicone hose is still attached, the unit automatically will power back on, for another ozone timed period (15, 30, or 45 minutes). So if you program it to run for 15 minutes, this means it will bubble the ozone for 15 minutes, turn off for 45 minutes and then come back on for another 15 minutes. You may prevent this from automatically occurring by turning the power off on your unit when your ozone timed period is over.

Ozonated water is safe to drink immediately. The water cannot be over-ozonated so there is no worry if the rock is left bubbling in the water too long.

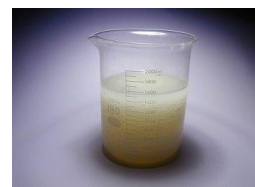
You may notice the sweet smell of ozone escaping from the water container into your room. This is completely normal. The escaping ozone is at a completely safe level to breathe. If the ozone goes from a sweet smelling to a more acrid smell that bothers you, you may leave the room while the unit is operating.

The escaping ozone will also purify the surrounding area and kill bacteria in the room.



How to Purify Food

The ozone generator can also purify food. Simply place the bubbling air rock in a bowl of water and cover the food with water. In similar time as purifying water, food can also have its surface bacteria, and pesticides removed. Fruit, Vegetables, Fish, and Meats can be purified in this manner. Food that has been ozonated is safer to eat and will take a longer time to spoil. It is safe to purify food with the ozone generator as the FDA has approved this method.



How to Make an Olive Oil Salve

The Air-Zone XT-301 can also be used to make ozonated olive oil.

When ozone is bubbled through pure olive oil for a long period of time it will thicken into a paste like salve. Ozonated olive oil has been reported to have a moisturizing effect on skin, and has also been said to help soothe skin burns.

Maintenance

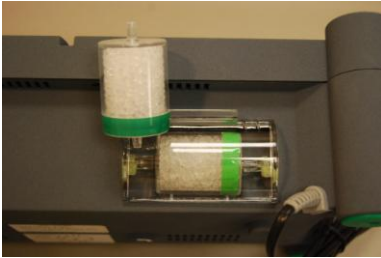
The model XT-301 ozone generator incorporates a patented method of corona discharge ozone generation that requires very little maintenance. **DO NOT OPEN THE UNIT.**

There are no user serviceable parts inside. Dangerous high voltages exist. The warranty will be voided if the unit is opened.

Unplug the unit before cleaning. The outside of the unit can be cleaned with a moist paper towel.



There is a small felt type air filter pad on the underside of the generator to keep dust from entering the unit. When the filter becomes a dark gray color, usually between two and three months, the user should replace the filter with one of the included replacement filters. Do NOT reuse the old filters. The unit comes supplied with a 1-year supply of filters. After that the user may purchase additional replacement filters from Air-Zone Inc.



There is also a desiccant cartridge that can be replaced on the back of the unit. This cartridge keeps moisture from entering the unit. It absorbs humidity from the air thereby increasing the unit's effectiveness. The cartridge will begin to discolor to a darker color after a period of time (1-2 months). At this time the cartridge should be replaced. In drier environments the cartridge will last longer since there is less moisture to remove from the air. Not replacing the cartridge will still allow the generator to produce ozone, but the unit's effectiveness will be diminished.

The unit comes with a 1-year supply of desiccant cartridges. Replacement cartridges can be purchased from Air-Zone Inc.

Warranty Information

Every Air-Zone ozone generator is checked to be in perfect working condition before it is shipped.

The XT-301 ozone generator is under warranty from manufacturing defects for a period of five years.

Air-Zone will repair or replace the unit at our cost if a defect is determined to be from the manufacturing process.

This warranty does not cover damage caused by misuse by owner.

This warranty does not cover replacement filters.

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

Air-Zone is not responsible for any damages caused by the use or misuse of this unit.

XT-301 Specifications

Electrical: 110 volts 60 Hz. 15 Watts

Dimensions: 14.1"X 8.0"X 4.3"

Weight: 4.85 lbs.

Ozone Concentration: 100 PPM at air flow rate of 2.5 L/min,

Ozone output: 210 mg/hr.

Five-year manufacturer's defects warranty

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