

Instruction Manual

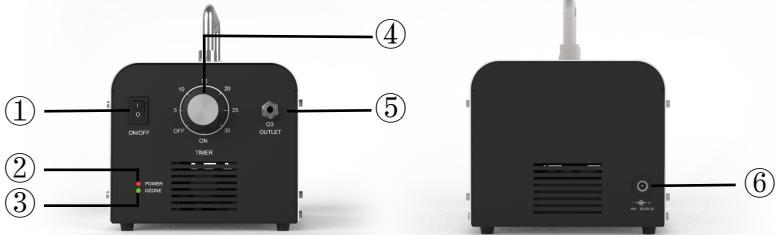
Ozone Sterilizer



GH-02

Please read this manual in detail before use

Product Graphics



①:ON/OFF switch

③:Ozone light

⑤:Ozone outlet

②:Power light

④:Control knob

⑥:12v Power port

Function Characteristic

Ozone Sterilization:

Deodorizer: Ozone can kill microbes, inhibits Fungus, anti virus.

Food Cleanser: Ozone can disintegrate and decompose the pesticide, hormone and odor, which remains on the surface on food, such as fruit, vegetables, meat and seafood, etc.

Air Purifier: Remover Odor and Foul Smell.

Water Treatment: Over 50% more efficient at breaking through bacteria membranes compared to chlorine.

Main Technical Parameters

Model	GH-02
Ozone Output	1g/h
Air Flow	5L/minutes
Power	22W
Voltage	12V
Net weight	1.7kg
Working time	0-30 minutes

Packing list

Main Machine	1pcs
12v Adaptor	1pcs
12v car cigarette lighter power cord	1pcs
Aeration stone	2pcs
Pipe	2pcs
User manual	1pcs
Colour box	1pcs

Safety instruction:

1. Disconnect the power before cleaning or repairing.
2. When this product is used to Sterilize water, place it above water surface to avoid water from flowing in.
3. Do not use it in high temperature environment (above 42°C) or places with high humidity or high oil content. It will reduce the effectiveness or shorten the usage life of the product.
4. Do not throw or cause any impact on the unit.(Do not block the ozone outlet as it will affect the air ventilation.)
5. When this machine is used in a unventilated room to sterilize the air (ozone air sterilization), please enter the room after the machine stops working for 30 minutes. **People leave the room during ozone working !**

Operation Instructions

Step1: Connect the pipe end with Ozone outlet and the other pipe end with aeration stone correctly. To let the Ozone go out, put the aeration stone on the bottom of the water.

Step2: Plug in the power cord, connect the machine to the power outlet. Turn on/off the appliance by switch. Turn on machine, the red light will bright, the machine is powered.

Step3: Choose working time and start ozone sterilization by rotating control knob. Start ozone function, the green light will bright.

Example of Application

Application Area	Time	Benefits of Ozone
Vegetables and Fruits in water	10-20mins	sterilizer, decompose pesticide and fertilizer residues, and extend the freshness of food.
Meat in water	10-15mins	remove the residue hormones, antibiotics and virus.
Seafood in water	10mins	kill parasites of hepatitis A/B and other infectious bacteria.
Kitchen, bedroom, bathroom, car	15-30mins	remove bad smell, smoke, odor, bacteria, air purification.
Clothes	5-15mins	ozone-containing water can be used to disinfect clothes.
Wash items & toys	10-15mins	Disinfect children's toys, pet's toys.
Homemade mouthwash	10mins	Improve oral hygiene, effectively prevent bad breath, and help to care for the teeth.
skin, beauty, water bath	20-30mins	Remove the dirt from the pores to achieve the effect of skin care.

FAQ

What is Ozone?

Ozone (O_3) is a highly charged form of the oxygen (O_2) that we breathe. Outdoors, ozone has been produced for millions of years. At ground level, O_3 acts as an oxidizer to keep the air smelling fresh. In the upper atmosphere, ozone acts as a protective layer that partially shields the earth from the sun's UV rays. Life on earth as we know it could not exist without O_3 .

This third oxygen atom is loosely attached, unstable and seeks out pollutants. It will then release and oxidize them on contact.

How does the Ozone sterilizer create ozone?

The machine utilize electricity to create a corona discharge which duplicates the effect of lightning. The O_2 molecule is split, which then combines with other O_2 molecules to create the O_3 molecule, or ozone.

What is ozone half-life?

Under standard conditions ($21^\circ C$, 1 bar) the half-life of ozone gas is 20 minutes. Dissolved ozone half-life is 20 minutes at pH6, 15 minutes at pH7 and 5 minutes at pH 8. The main factor which reduces ozone half-life is higher temperature pressure and velocity.

How long will the product last?

The machine is made of the highest quality component material and superior craftsmanship that will allow you to enjoy it for 8000-12000 hours.