

Ozone technology · leader

OZONE MACHINE INSTRUCTIONS

说明书

Air disinfectors series



(1) Basic product information

1. The product name:

Ozone disinfection machine

2. Product model:

C-B-R-3-3g (FL-803S)

3. Main bactericidal factors and strength:

a. The main bactericidal factor of this product is ozone (O₃):

4. In the closed and unmanned space, after 30 minutes of starting up, the ozone concentration in the air shall meet the requirements of 6.4.1 of the national standard gb28232-2011 safety and health standard for ozone generator $\geq 20\text{mg} / \text{m}^3$.

4. Sterilization principle:

Using the oxidation of ozone (O₃) oxygen atom to destroy the structure of microbial membrane, in order to achieve bactericidal effect.

5. Killing microorganism category:

a. Staphylococcus albus: the disinfection effect is started in the closed and unmanned test cabin for 60 minutes, and the killing rate of Staphylococcus albus is $\geq 99.90\%$ in three tests, which meets the requirements of field test in 2.1.3 of technical specifications for disinfection (2002 version), and it is qualified for disinfection.

b. Natural bacteria in the air: start the machine for disinfection in the closed and unmanned space for 60 minutes, and the extinction rate of natural bacteria in the air is no less than 90% in three tests; it is qualified for disinfection if it meets the requirements of field test in 2.1.3 of technical specifications for disinfection (2002).

6. Scope of use:

This product is suitable for air sterilization in closed space.

7. Main component life:

$\geq 20000\text{H}$

8. Matters needing attention:

a. Please use it when there is no one in the room. Use a disinfection space of 30 m³ for 60 minutes. Enter the room 30 minutes after disinfection and open windows for ventilation.

b. Please operate in strict accordance with the instructions.

c. Please maintain regularly according to the maintenance requirements.

d. There is high voltage in this product. Do not open the case without professional electrician.

9. Executive standard:

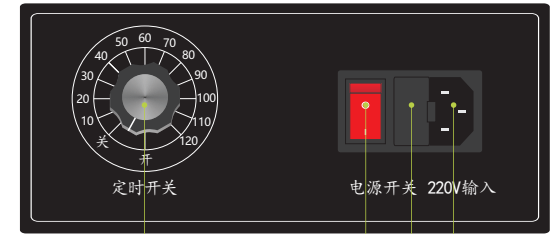
GB 28232-2011

10. Hygiene license:

Y wxzz (2017) No. 9120

(2) Product introduction

1. Control panel



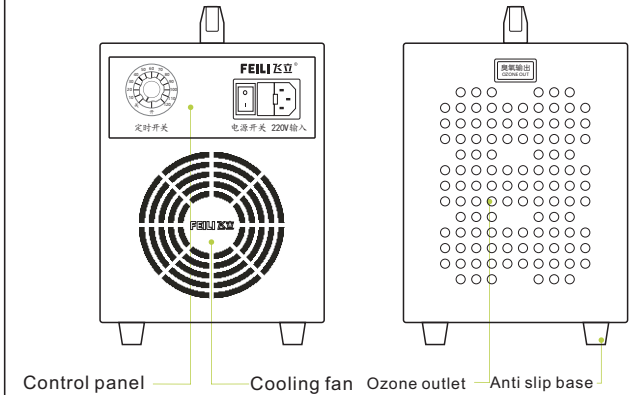
Timing knob

Power switch

Socket

Fuse unit

2. Product structure



Control panel

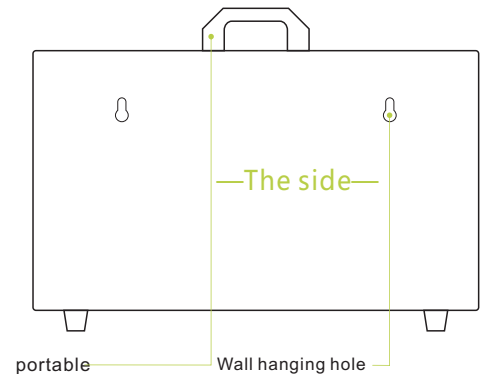
Cooling fan

Ozone outlet

Anti slip base

—The obverse—

—The reverse—



portable

Wall hanging hole

—The side—

Note: the schematic diagram is for reference only, please refer to the real object

3. Technical parameters

Product model	FL-803S
Using power supply	220V/50Hz
Rated power	70W
Ozone production	3G/h
Weight	4KG
External size	350x168x200 + portable 38 + bottom 15mm

(3) How to use

1. Place the ozone disinfectant on the floor of the space to be disinfected stably (the surrounding environment shall be dry, with good ventilation and heat dissipation) Do not place any objects around the machine at least 40cm away from the wall. If the ventilation is blocked, the anti-virus effect will be affected.
2. In order to achieve the best ozone disinfection effect, it is recommended to close the doors and windows. There should be no corrosive gas or liquid in the air disinfection space, and no personnel should be in the room during disinfection.
3. Turn on the 220V power supply, turn on the power switch, and turn the timing knob to the required time (timing knob supports 5-120min timing; it can also be opened for a long time, and the use time of each disinfection shall not exceed 120min, otherwise the service life of the equipment will be affected; each use will wait for cooling before use).
4. According to the needs of space use, set the timing knob to the disinfection time corresponding to spore into oxygen after 30 minutes to 2 hours in the room. If people want to stay in the room for a long time when staying, it should be subject to the fact that there is no strong smell of ozone.
5. When the set disinfection time is reached, the sterilizer will automatically stop working or manually turn off the ozone generator. After the disinfection, please unplug the power plug.
6. Ozone will automatically decompose.
7. After disinfection, please move the ozonator to a dry and ventilated place, so that there will be no water accumulation in the case due to high humidity and high temperature environment, which will affect the use of the ozonator.

(4) Application description

Application scope	Experts warn that good use of O3 has many advantages	Suggested use
Kitchen smell removal (10m ² -15m ²)	Smell of kitchen oil smoke, fishy smell, pesticide, etc. It can be eliminated and improved.	10-15minutes
Odor elimination of newly decorated rooms and new furniture (30m ² -50m ²)	Break down the toluene emitted by new furniture and walls Formaldehyde and other harmful gases (natural volatilization takes 3 years Can volatilize completely), reduce the generation of human allergens.	60-120minutes
Deodorization and air purification (10m ² -20m ²)	Remove smoke, dust and harmful substances in the air, Keep the indoor air clean and fresh.	20-30minutes
Deodorization of bathroom and toilet Dispersing taste (10m ² -15m ²)	For ammonia or pungent odors in toilets, and The smell of sand in the garage (basement) can be found. Effective elimination and improvement.	10-15minutes

(5) Detailed maintenance methods

1. Please place the ozone disinfection machine in a dry, ventilated place, dust-proof net periodic cleaning keep machine clean
2. This ozone sterilizer is not a professional electrician. Please do not open the case (there is high pressure inside).
3. Ask a professional electrician to open the back cover of the case during maintenance.
4. Regularly check whether the internal connector of the machine is loose. If any, please use a screwdriver to tighten it.
5. All customers who buy our products can buy consumables at a price lower than the market price.
6. Maintenance equipment, the warranty card to send our company. If you do not meet above instructions, we will not bear the repair cost
7. Equipment maintenance (door to door service, by the customer to pay for the cost of travel, the company look far, select dealers near the door-to-door service).

(6) Precautions

1. Prohibited to use where strong electrostatic and strong magnetic field, it is forbidden to touch water or liquid.
2. Because of O3 strong oxidizing, so washing rubber products, hardware, plastic products times should not be too long.
3. As O3 has a special smell, is sensitive to smell of O3, belongs to the normal phenomenon to leave.
4. O3 sterilization, deodorant, please do not eyes, respiratory tract directly contact O3 air outlet, lest cause discomfort.
5. This product belongs to the high voltage products, should be placed safety ventilation using solid place.
6. Before use must be grounded to prevent lightning, must take put down gently pull out the power supply when not in use.
7. Air flow cannot use foreign bodies blocked or metal insert, in order to avoid electric shock and reduce the product performance.
8. Children under the age of 10 and psychiatric patients operating this machine is prohibited.
9. Laypeople, shall not dismantle machine maintenance or modify this product mechanical or electronic performance
10. Power wiring machines must be in accordance with national wiring, and the power supply cord to external ground wire connection.
11. The power cord damage, it must be qualified technical personnel of the company or approved for replacement

(7) Fault checking and analysis

Equipment state	Cause analysis	Check the repair	note
Not at work	1. Timer is not set properly 2. Whether the power plug is loose 3. Whether the socket has 220V AC 4. Whether the safety tube is burnt	1. Set the timer 2. Plug in the plug 3. Connect to 220V / 50Hz power supply 4. Replace the same type of fuse tube	
No ozone outlet/ozone concentration is low	1. Whether the high-voltage power supply is normal 2. Whether the ozone generating unit is aging 3. Electric control out of control	1. If it is burnt out, please replace the high-voltage power supply 2. Replace the ozone generating unit 3. Check the circuit	Inside the suitcase is high pressure such as the need to open the back under the condition of power operation please
Machine has electricity	1. The power supply is not grounded 2. The air is too wet	1. Maintenance circuit 2. Move the product to a ventilated place	
Fuse burn out or trip caused by startup	1. Short circuit 2. Ozone discharge module is damaged	1. Maintenance circuit 2. Replace the ozone discharge module	

