HIGHBORN OZONE
PRODUCT CATALOGUE



HIGHBORN GROUP was founded in 2001, and it begins from a small trading company. With 20 years growth, Highborn Group owns 6 exclusively invested enterprises , 3 controlling enterprises and 4 sharing enterprises which specialized in Ozone operator, Quartz Glass, Precise Ceramics,Porous Ceramics, Thick film circuit, Halogen Lighting , LED Lighting, E-commerce, and E-cigarette industry. We already have cooperated with thousands of customers more than 106 countries and get very good reputation.

For Ozone Generator, we have full production line from ceramic Ozone plate, ceramic plate Ozone Generator, Quartz Tube Ozone Generator, Home and Industrial Ozone Generator. With advanced technology, we not only offer standard Ozone machine, but also design and produce according to client' s requirement. We have professional QC team and skilled production team. We have established stable and long term cooperation relation with many customers from Europe, USA, Korea, Japan and etc.





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Ozone Generator

- **Specifications** : 0.01-0.1ppm/5/10/15/20/24/28/30/40G/H
- **Input Voltage**: AC220V/110V, DC12V/24V/DC3.7/5/12V
- **Certification**: CE, RoHS

Usage:

The ozone generator can be used in household air purifier, air fresher, home air purifier dryer, dishwasher, shoe cabinet, household disinfectant cabinet, oxygen bar, refrigerator, domestic appliance,dehumidifier and etc.

Note for Ozone Disinfection Machine:

Do not use at high temperature (above 45℃ or oil fume, high humidity (above 90% relative humidity) directly to avoid affecting the ozone output efficiency and the service life of the whole machine.

Do not contact the air outlet for long time with eyes, nose, ears and mouth.

When using ozone machine to sterilize, people should leave the room and open windows for 10-15 minutes before entering the room.

After using the ozone sterilizer, it is necessary to deal with the residual water on the surface in time, such as sun exposure and hair dryer, which can prolong the service life of the machine.

Please disconnect power during maintenance.

◇ Specifications：5/10/15/20/24/28/30/40G/H

Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	mechanical timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE , RoHS



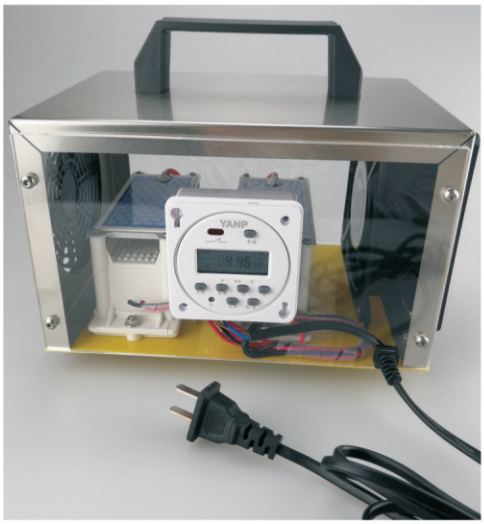
◇ Specifications : 5/10/15/20/24/28/30/40G/H



Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	program timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS

◇ Specifications : 5/10/15/20/24/28/30/40G/H

Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	program timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS



◇ Specifications : 5/10/15/20/24/28/30/40G/H



Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	mechanical timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS

◇ Specifications : 5/10/20/50G/H

Input Voltage	AC220V/110V, DC12V/24V
Power	70-850W
Power plug	EN QVR ANSI
Gas flowmeter	25-120L
Control method	program control
Ozone output	5/10/20/50G/H
Certification	CE,RoHS



◇ Specifications : 5/10/15/20/24/28/30/40G/H



Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	mechanical timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS

◇ Specifications : 5/10/15/20/24/28/30/40G/H

Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	mechanical timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS



◇ Specifications：5/10/15/20/24/28/30/40G/H



Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	mechanical timer+WiFi (Mobile APP)
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS

◇ Specifications : 5/10/15/20/24/28/30/40G/H

Input Voltage	AC220V/110V, DC12V/24V
Power	55-130W
Power plug	EN QVR ANSI
Control method	mechanical timer
Ozone output	5/10/15/20/24/28/30/40G/H
Certification	CE,RoHS



◇ Specifications：0.01-0.1ppm



Input Voltage	DC3.7/5/12V
Power	10-15W
Power plug	EN QVR ANSI
Ozone output	0.01-0.1ppm
Anion output	50million-120million/㎡
Certification	CE,RoHS

Ozone Ceramic Plate

- **Ozone ceramic plate is produced on 96% alumina ceramic, using eco-friendly slurry.**
- **Specifications** : 3.5g/5g/6g/7g/10g/15g
- **Certification**: CE

Usage:

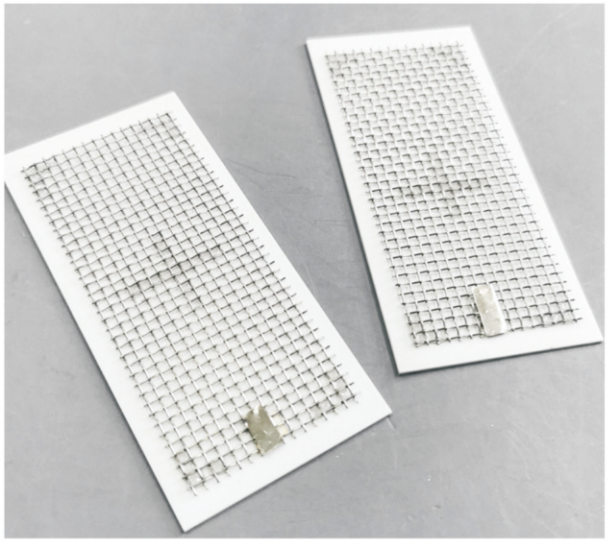
This ozone generator can be used in house hold air purifier, air fresher, home air purifier dryer, dishwasher, shoe cabinet, oxygen bar, refrigerator, domestic appliance,dehumidifier and etc.

Features:

1. Ozone ceramic plate price is reasonable, it is convenient in mounting and replacement.

2. We use high-grade and eco-friendly raw materials on ozone ceramic plate.

3. Metal mesh ozone ceramic plate is our hot sell product, the advantage of ozone ceramic plate are low power and ozone output is higher.



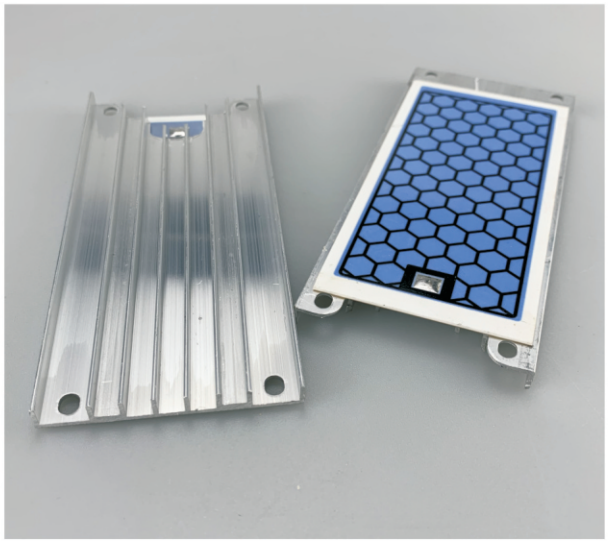
- Specification ：5g
- Dimensions:105mm * 50mm * 1mm



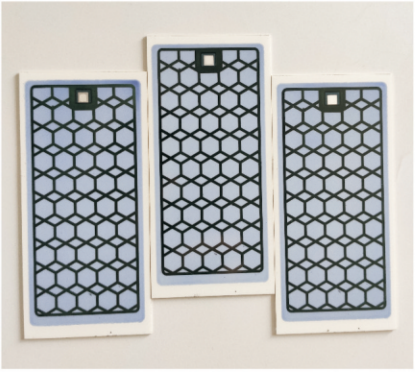
- Specification ：3.5g
- Dimensions:105mm * 50mm * 1mm



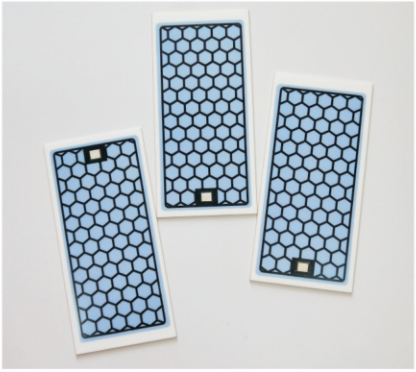
- Silver plated and insulated
- Dimensions:105mm * 50mm * 1mm



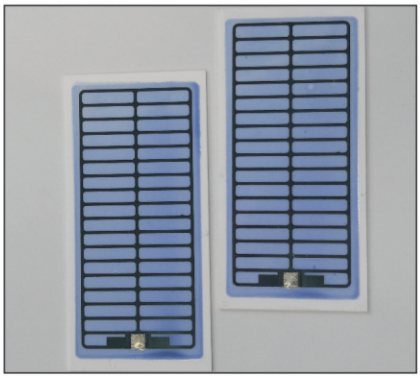
- To speed up the cooling
- Dimensions:105mm * 50mm * 1mm



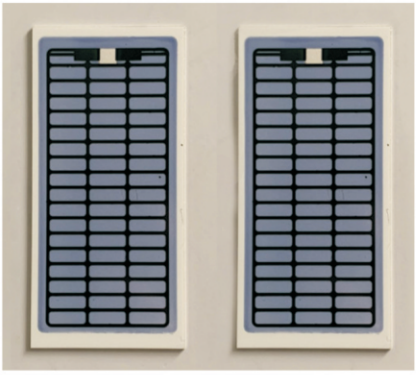
◆ Specification ：6g
◆ Dimensions:105mm * 50mm * 1mm



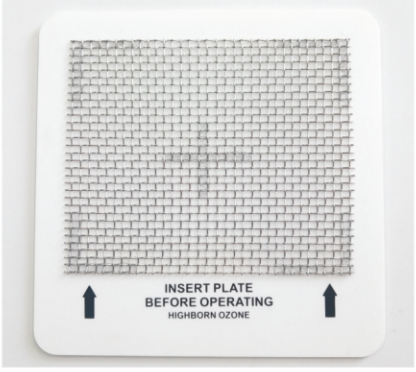
◆ Specification ：5g
◆ Dimensions:105mm * 50mm * 1mm



◆ Specification ：6g
◆ Dimensions:105mm * 50mm * 1mm



◆ Specification ：7g
◆ Dimensions:105mm * 50mm * 1mm



◆ Specification：10g
◆ Dimensions:115mm * 115mm * 1mm



◆ Specification ：15g
◆ Dimensions:165mm * 115mm * 1mm

Quartz Tube Ozone Generator Module

- **Specification**: 3g/5g/10g/20g
- **Input Voltage**: AC110V/220V DC12V/24V
- **Certification**: CE

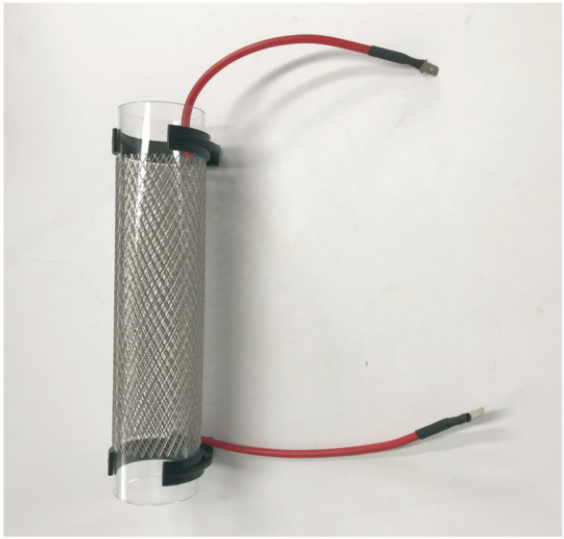
Usage:

This ozone generator can be used in house hold air purifier, air fresher, home air purifier dryer, water treatment, dishwasher, shoe cabinet, oxygen bar, refrigerator, domestic appliance,dehumidifier and etc.

Features:

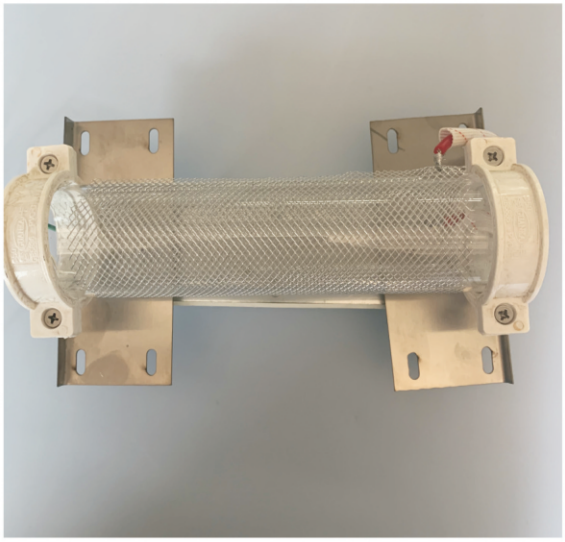
1. Compared with ceramics plate ozone generator module, quartz tube ozone generator module life span is more longer, and output ozone is more stable.
2. Take advantage of high voltage, use dry air or oxygen in the air as raw material to produce O3.
3. When using this ozone generator, better to use an electrical fan. and strictly forbid people working in the room with ozone in high concentration. The output high voltage is not safe, we kindly advise you don't touch it when it is working.

Specification：5g



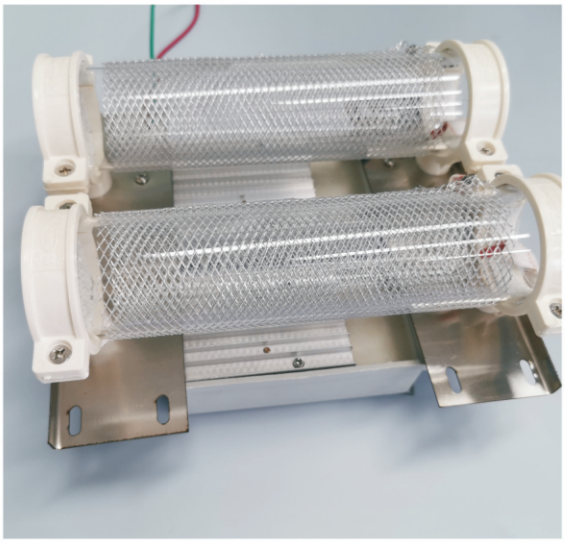
Quartz tube	250mm*45mm
Input Voltage	AC220V/110V, DC12V/24V

Specification：5g



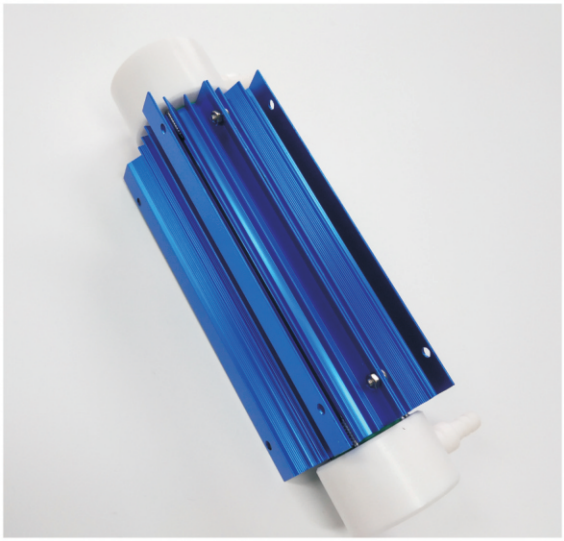
Dimensions	220mm*85*65mm
Quartz tube	200mm*45mm
Input Voltage	AC220V/110V, DC12V/24V

Specification：10g



Dimensions	220mm*65*85mm （5g）*2
Quartz tube	200mm*45mm（5g）*2
Input Voltage	AC220V/110V, DC12V/24V

Specification：5g



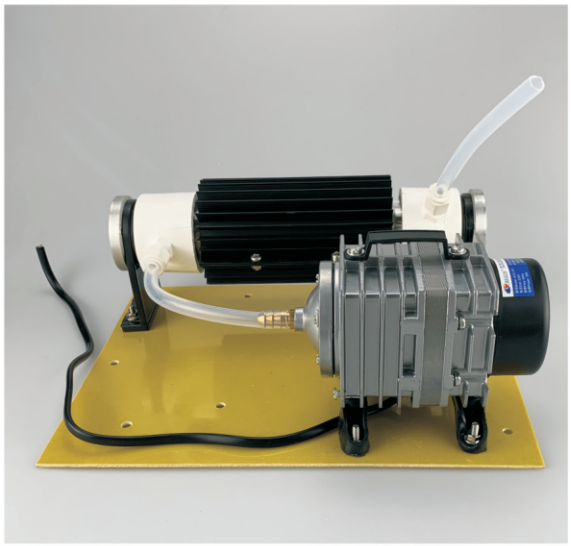
Dimensions	120mm * 100mm * 210mm
Input Voltage	AC220V/110V, DC12V/24V

Specification：20g



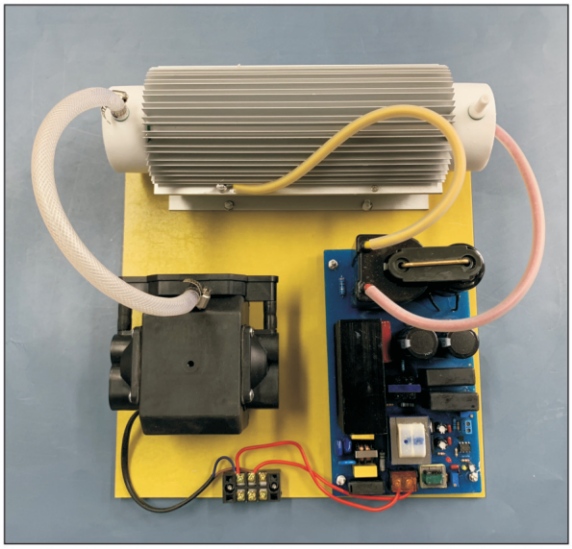
Dimensions	600mm*100mm
Input Voltage	AC220V/110V,DC12V/24V

Specification：3g



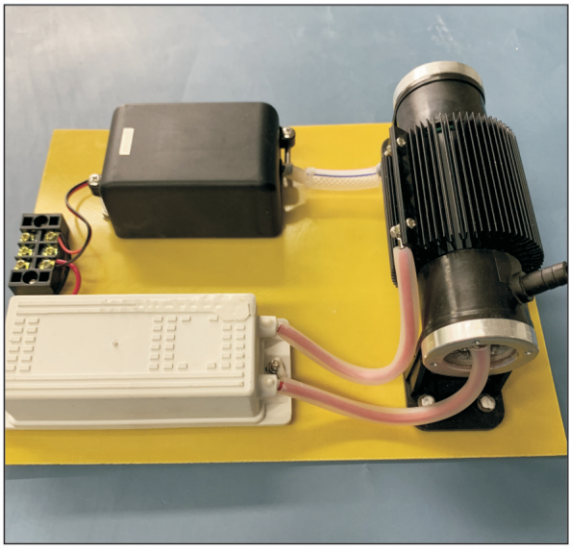
Dimensions	55mm * 125mm
Input Voltage	AC220V/110V,DC12V/24V

Specification：20g



Dimensions	360mm*240mm*80mm
Input Voltage	AC220V/110V,DC12V/24V

Specification：5g



Dimensions	360mm*240mm*80mm
Input Voltage	AC220V/110V,DC12V/24V

Ceramic Plate Ozone Generator Module

Definition:The ozone generator module is a device for producing ozone gas (O3). Ozone generators are widely used in drinking water, sewage, industrial oxidation, food processing and preservation, pharmaceutical synthesis, space sterilization and other fields. The ozone gas generated by the ozone generator can be used directly, or it can participate in the reaction by mixing with the liquid through the mixing device.

Component: Our existing ceramic ozone generator is composed of ceramic ozone chip, module and shell. Weld the ceramic ozone chip on the aluminum plate, assemble it on the module, and finally put it into the shell to use it with electricity.

- ◇ **Specification**:10mg/30mg/ 1g/10g/15g/20g/21g/24g/28g/32g
- ◇ **Input Voltage**: AC110V/220V DC12V/24V
- ◇ **Certification**: CE

◇ Kindly attention:

1.When using this ozone generator, must use an electrical fan, and strictly forbid people working in the room with ozone in high concentration. The output high voltage is not safe , we kindly advise you don’ t touch it when it is working.

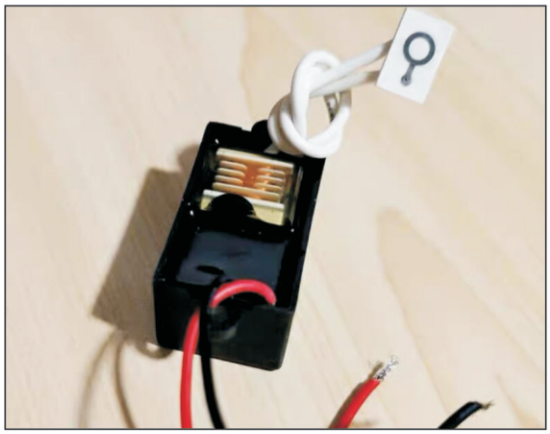
◇ Usage:

This ozone generator can be used in household air purifier, air fresher, home air purifier dryer, dishwasher, shoe cabinet, oxygen bar, refrigerator, domestic appliance,dehumidifier and etc.

◇ Specifications : 10mg

Parameter:

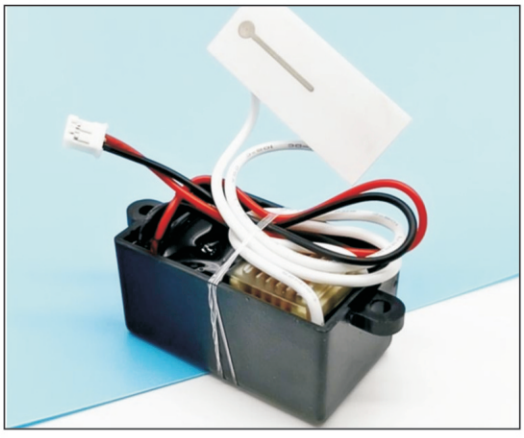
Ceramic Plate	12mm * 10mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	3W
Ozone output	10mg/h
Certification	CE



◇ Specifications : 30mg

Parameter:

Ceramic Plate	19mm * 15mm
Input Voltage	AC220-240V/110-130V, DC12V
Current consumption	3W
Ozone output	30mg/h
Certification	CE



◇ Specifications : 1g

Parameter:

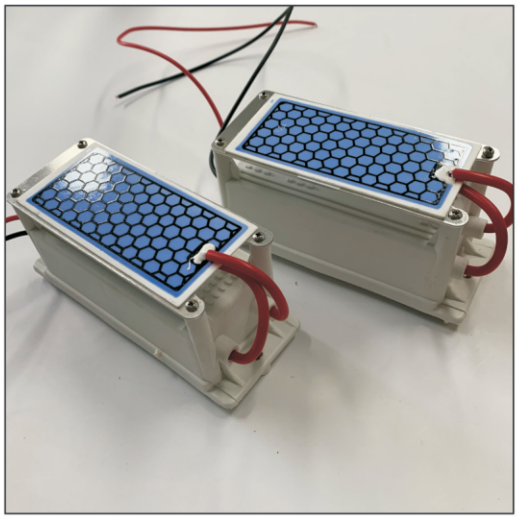
Dimensions	147mm * 55mm * 67mm
Ceramic Plate	50mm *35mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	55W
Ozone output	1g/h
Certification	CE



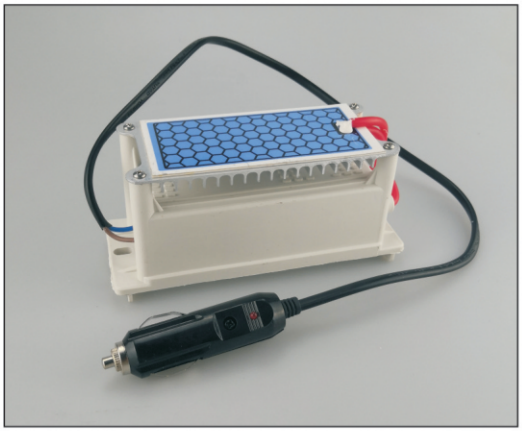
◇ Specifications : 5g

Parameter:

Dimensions	147mm * 55mm * 67mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	55W
Ozone output	5g/h
Certification	CE

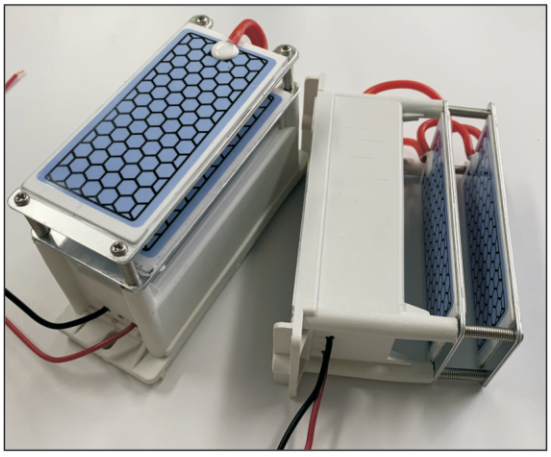


◇ Specifications : 5g



with saw tooth cooling
fin for automotive special

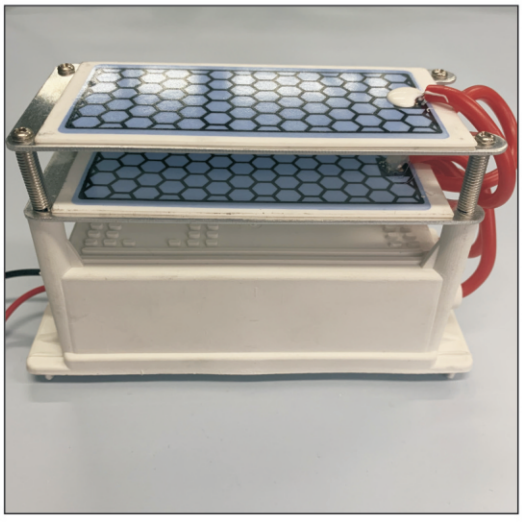
◇ Specifications : 20g



◇ Specifications : 10g

Parameter:

Dimensions	147mm * 55mm * 85mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	80W
Ozone output	10g/h
Certification	CE



◇ Specifications : 15g

Parameter:

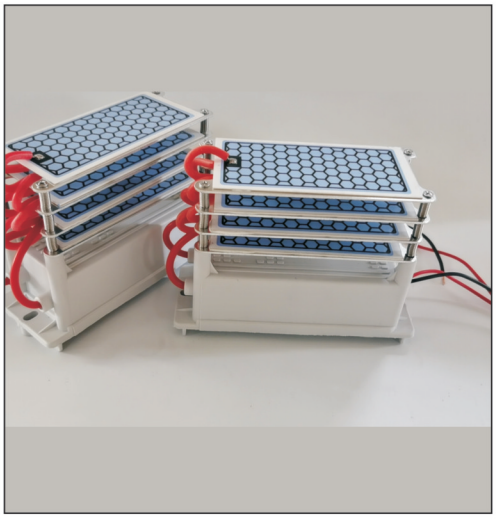
Dimensions	147mm * 55mm * 95mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	95W
Ozone output	15g/h
Certification	CE



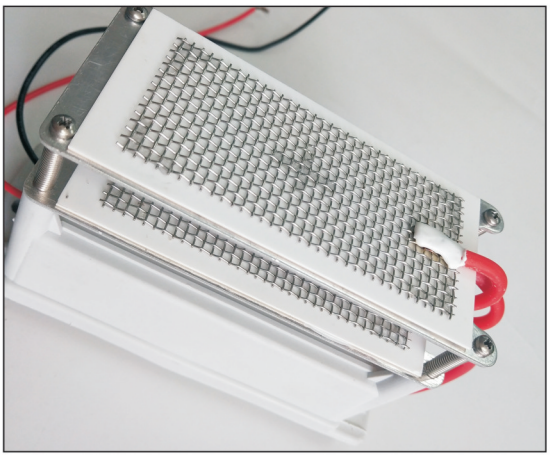
◇ Specifications : 20g

Parameter:

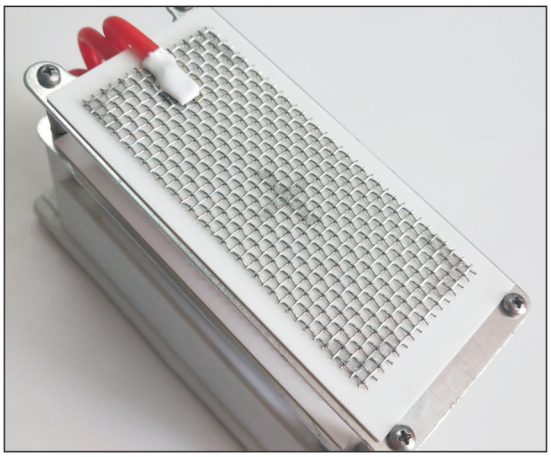
Dimensions	147mm * 55mm*110mm/85mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	115W
Ozone output	20g/h
Certification	CE



NEW Specifications : 10g



NEW Specifications : 10g



With professional technology and skilled product experiences, we finished our patent Ozone generator Module and step into the market successfully. This product is welcomed by our clients because of its low power, high ozone generation and high humidity environment.



证书号第12887682号

实用新型专利证书

实用新型名称：用于臭氧发生器碳化硅微孔陶瓷散热片

发　明　人：孔水勤;储敏

专　利　号：ZL 2020 2 1334735.5

专利申请日：2020年07月09日

专 利 权 人：连云港佰博新材料有限公司

地　　址：222200 江苏省连云港市灌云县经济开发区中小企业园新江中路8号

授权公告日：2021年04月06日　　授权公告号：CN 212893921 U

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局长
申长雨

2021年04月06日

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其他事项参见续页



证书号第13384270号

实用新型专利证书

实用新型名称：新型臭氧发生片结构

发　明　人：徐阳;孔一博

专　利　号：ZL 2020 2 1773004.0

专利申请日：2020年08月24日

专 利 权 人：连云港佰博新材料有限公司

地　　址：222200 江苏省连云港市灌云县经济开发区中小企业园新江中路8号

授权公告日：2021年06月08日　　授权公告号：CN 213387814 U

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局长
申长雨

2021年06月08日

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其他事项参见续页

◇ Specifications : 21g

Parameter:

Dimensions	147mm * 55mm * 95mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	115W
Ozone output	21g/h
Certification	CE



◇ Specifications : 24g

Parameter:

Dimensions	147mm * 55mm * 85mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	115W
Ozone output	24g/h
Certification	CE



◇ Specifications : 28g

Parameter:

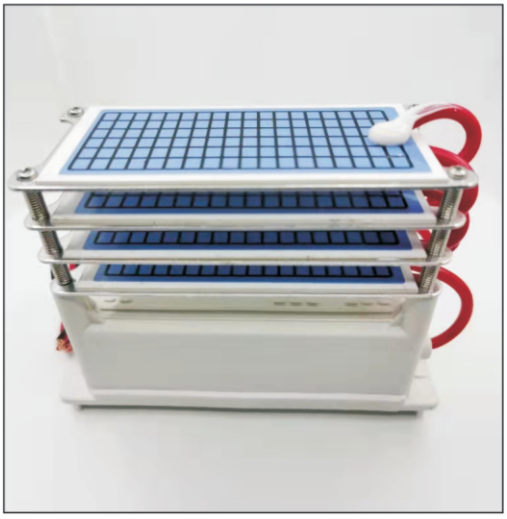
Dimensions	147mm * 55mm * 110mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	115W
Ozone output	28g/h
Certification	CE



◇ Specifications : 32g

Parameter:

Dimensions	147mm * 55mm * 110mm
Ceramic Plate	105mm * 50mm * 1mm
Input Voltage	AC220V/110V, DC12V/24V
Current consumption	115W
Ozone output	32g/h
Certification	CE



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