

CAUTION – Read the instructions before using this device



BLACK 3500

(HE - 150)
PORTABLE OZONE GENERATOR

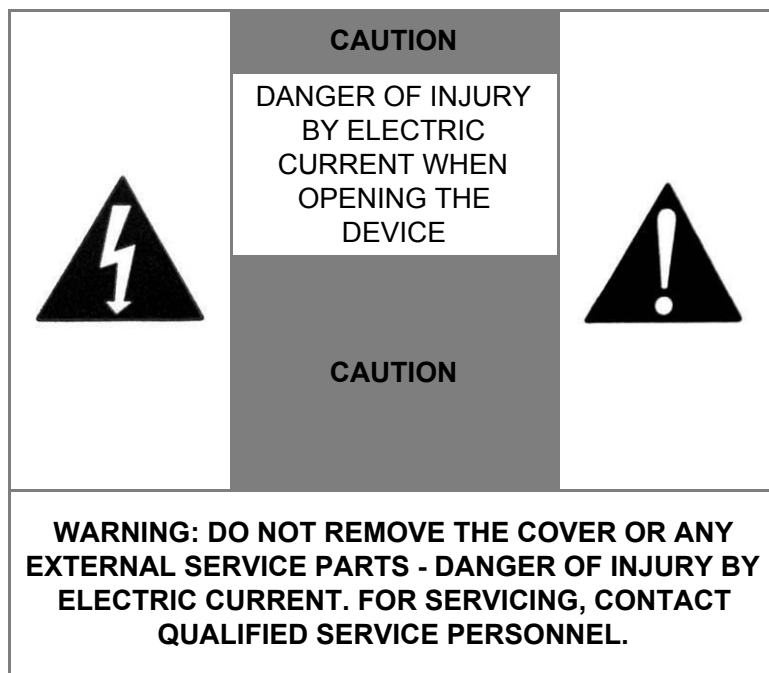


OPERATING INSTRUCTIONS

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WARNING

This air unit is not a medical device.
Do not stop or modify any treatment or medication programmes without consulting your doctor. Excessive ozone concentrations can irritate the mucous membranes or the respiratory tract.



The picture of a “lightning bolt” means that uninsulated material inside the unit can cause injury by electric current. For everyone’s safety, do not remove the product’s cover.



CAUTION!

During operation, no people, animals or plants may be present in the room. You can only enter the room 1 hour after the device stops operating.

INTRODUCTION

This air purifier is designed for the advanced and comfortable remediation of contaminants. Powerful oxidation in a compact size, with a light weight and simple design. It uses controlled ozone technology developed especially for the reduction of odours, bacteria and viruses in unoccupied spaces. Ideal for the treatment of households, offices, cars and others.

WHAT IS OZONE?

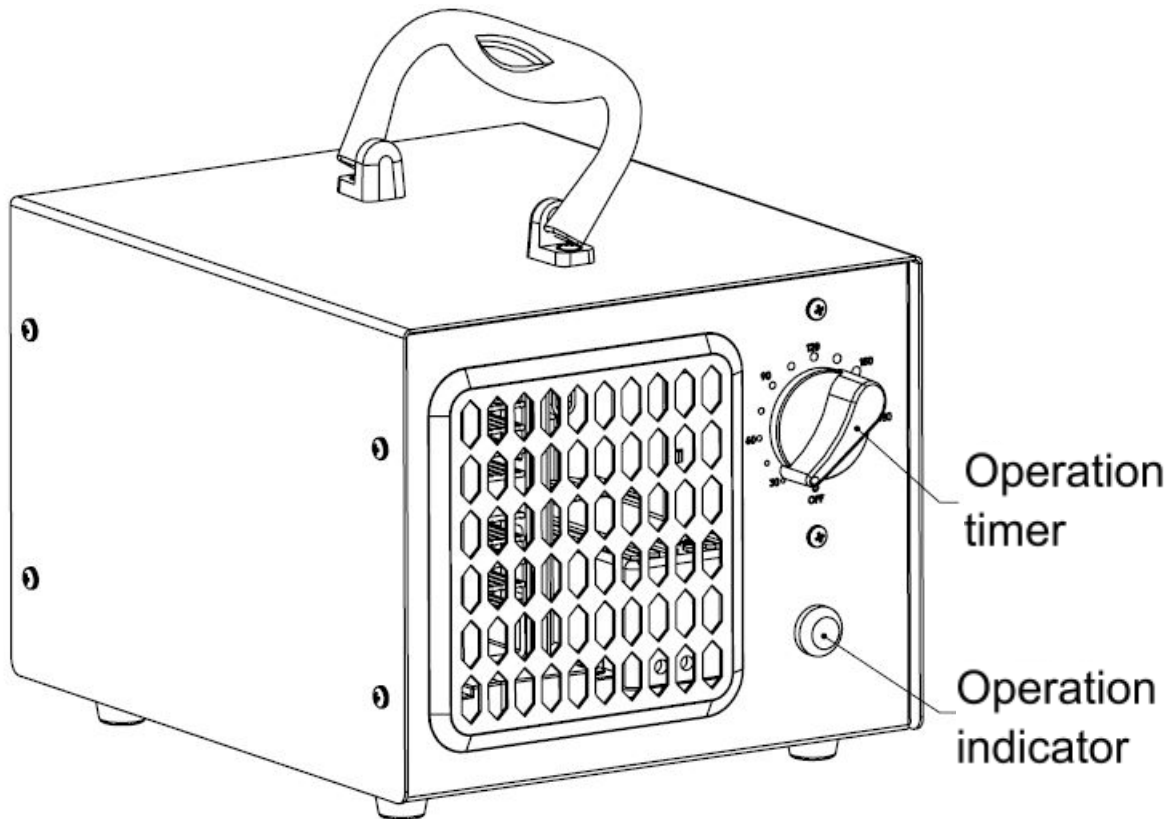
Ozone (O₃) is a toxic gas with a typical odour, which is a normal component of the Earth's atmosphere. Ozone is deliberately manufactured for various industrial purposes; it is produced naturally from oxygen by ultraviolet radiation, electric discharge, e.g. at high altitudes, or lightning. Ozone itself is a visibly blue gas which is approximately one and a half times as heavy as air (density of 2,144 g/l). Ozone cannot be stored or transported in containers, because it decomposes spontaneously in the presence of oxidizable impurities and moisture, as well as on solid surfaces. The speed of the decomposition increases along with the temperature.

TECHNICAL SPECIFICATION

Model:	BLACK 3500 (HE-150)
Input voltage:	AC 220-240V/50Hz/60Hz
Energy consumption:	60W
Active oxygenation:	3,500 mg/H
Air volume:	Maximum 106CFM (3 m ³ /min.)
Noise level:	35 dB
Ceramic plate size:	90 x 50 mm
Dimensions:	205 x 175 x 150 mm
Area coverage:	100 m ²
Weight:	2.0 kg
Packaging weight:	2.4 Kg
Packaging dimensions:	265 x 240 x 240 mm

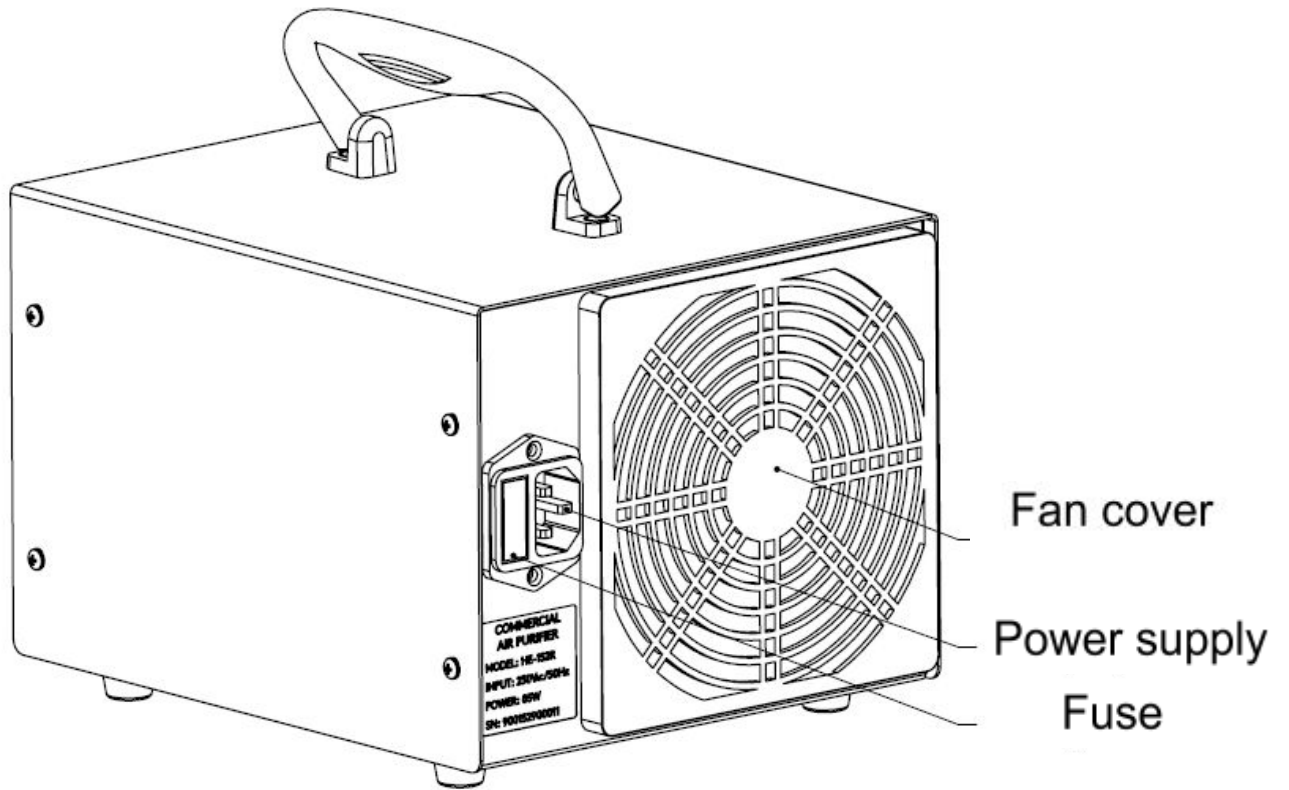
PRODUCT PROPERTIES

- New design, with an easily replaceable ozone module.
- Powerful, quiet, portable, light and easy to maintain.
- The cooler on the ozone plate ensures a longer lifespan.
- Ozone technology with controlled corona discharge.
- Stainless steel filter for the removal of large particles.
- Stronger timer and switch cover.



Operation timer: Used to set the device's operating period (ozone production) for up to 3 hours.

Operation indicator: Illuminated if the device is operating (producing ozone).



Fuse: A replaceable fuse (2A, length 0.79 inches) is located here.
Power supply: Power supply connector, 220V-240V.

USE:

The commercial air purifier is designed to remove odours from unoccupied spaces (**spaces in which no people, animals or plants are present**). The device is equipped with a timer which enables the setting of an operating period of up to 3 hours. At the end of the set operating period, the device switches off.

Ozone has very strong oxidizing effects, and at higher concentrations can damage surfaces which have a tendency to corrode, as well as bring about the accelerated degradation of some plastics and rubber products. We recommend that you safely cover, or remove from the area which is to be cleaned, all objects which meet these criteria, or if you are unsure of their resistance or they are objects of a higher or artistic value.

You can only enter the room 1 hour after the device stops operating.

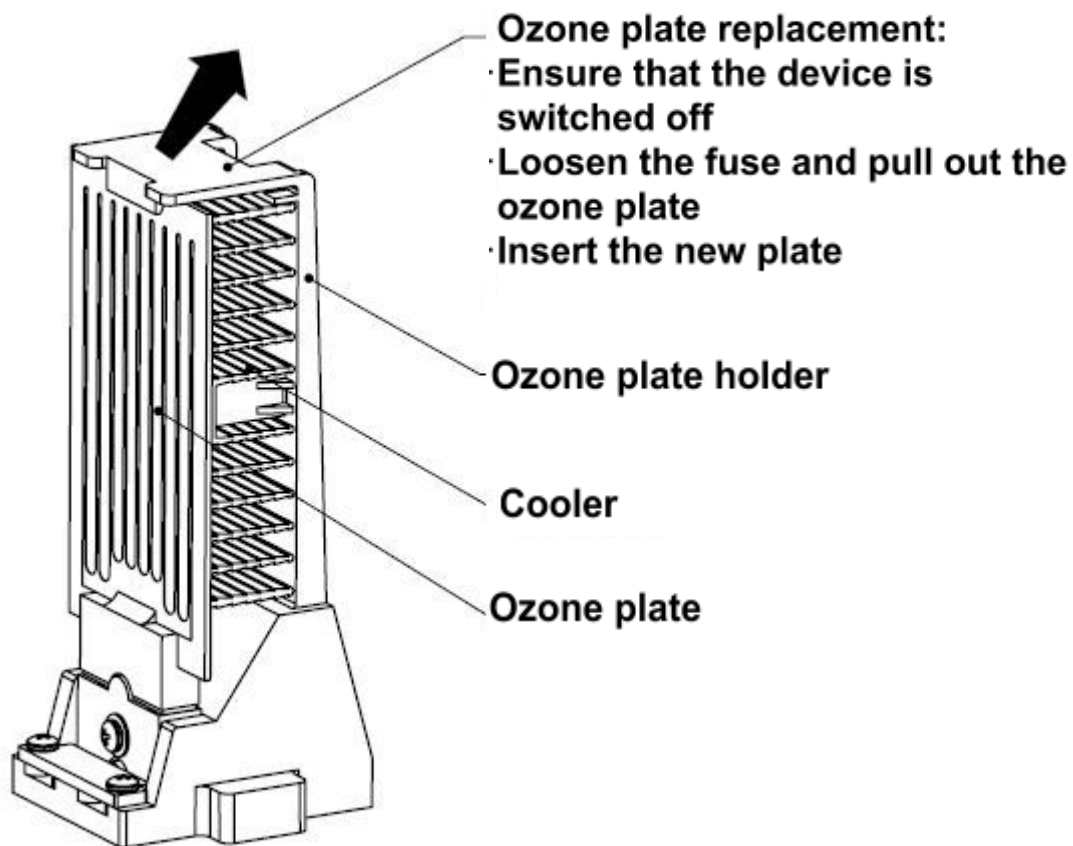
PROCEDURE FOR USING THE DEVICE:

1. Close the space which is to be cleaned.
2. No people, animals or plants may be present in the room (during cleaning).
3. Place the device as close as possible to the source of the odour.
4. In spaces which are equipped with their own air conditioning system (heating or cooling), switch on this system and set internal circulation.
5. Set the timer for the required operating period, and leave the room.
6. **After the device stops operating, wait at least 1 hour before you enter the room.**
7. Enter the cleaned space, and ventilate it.

MAINTENANCE:

If the device has not been producing a sufficient amount of ozone for a longer period, it is not efficient enough and the ozone plates must be replaced. **They are normally changed after 5,000 hours of operation.**

OZONE PLATE REPLACEMENT PROCEDURE



Before commencing the replacement itself, ensure that the device is not connected to the mains.

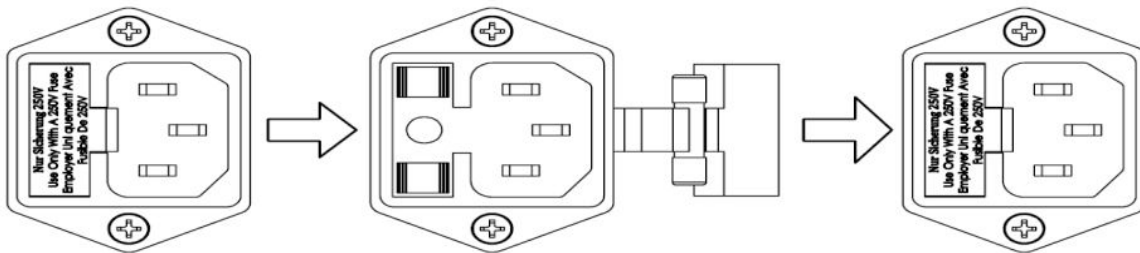
1. Loosen the ozone plate holder.
2. Install the new ozone plate.
3. Switch off the device, and disconnect it from the mains.
4. Use a screwdriver to remove the screws from the upper cover.
5. Remove the old ozone plate from the device.
6. Carefully install the new ozone plate (see picture).

ELIMINATION OF PROBLEMS

If you have problems operating this device, check the following:

1. If the device is properly connected (power cord connection).
2. It is important that the device is properly earthed – this prevents electric shock.
3. If the protective fuse is properly installed, and undamaged; if necessary, replace the fuse as follows.

FUSE REPLACEMENT PROCEDURE



1. Remove the fuse holder.
2. Remove the old fuse, and connect the new one.
3. The fuse must be 2A (0.79 inches).

WARNINGS AND SAFETY

1. Ensure that all the accessories are in the package the device came in, and that the device is in order. Only use the device in a vertical position.
2. Do not store the device in a humid environment.
3. Never clean the device with a damp cloth while it is operating.
4. Only use the device in environments with a temperature of – 10 to 40 °C and humidity of 0 to 70%.
5. If you are using this device to purify air, people are not permitted to be present in the place where the device is being used, due to ozone's strong oxidizing abilities.
6. Before dismantling (opening) the device, disconnect the power cord.
7. It is not recommended to switch the device on and off frequently. In order to prevent damage, switch the device back on no earlier than 2 minutes after you switched it off.
8. Do not cover the air inlet or ozone outlet at any time while the device is operating.
9. If an ozone leak occurs inside the device, immediately switch it off and disconnect the power cord.
10. The device is not suitable for operation in explosive or flammable environments. If you must do so, exercise extreme caution.
11. If you are not planning to use the device for a longer period, place it back inside the box.
12. Even a small amount of ozone can cause nausea; in such a case, we recommend you move to a ventilated area; the feeling of nausea can be relieved by drinking water.
13. This device may only be maintained or repaired by a qualified person

CERTIFICATE

Anbotek
Product Safety

CERTIFICATE Of Conformity EU Council Directive 2014/30/EU Electromagnetic Compatibility

Registration No.: AT0517060050E

Report No.: R0517060050E

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Applicant : Highend Home Appliance Co., Ltd

Area A, Floor 3, 16th-1, MeiYuan Road, QianLong, Sanxiang town, Zhongshan City, Guangdong, China 528463

Product : Ozone Generator Air Purifier

Identification : Model No. : HE-144, HE-143, HE-161A, HE-160A,
HE-154, HE-141, HE-151, HE-150,
HE-140, HE-145, HE-150W

Trademark : HIHAP

Rating : AC 220-240V, 50Hz,
Rate power see page 2

Test Standards : EN 55014-1: 2006+A1: 2009+A2: 2011
EN 61000-3-2: 2014
EN 61000-3-3: 2013
EN 55014-2: 2015

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex II of Council Directive 2014/30/EU, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to Article 15 of the Directive.



Certified by

Tom Chen
Manager

Jun. 24, 2017
Date



The CE Marking may only be used if all relevant and effective EU Directives are complied with



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CERTIFICATE



CERTIFICATE Of Conformity EU Council Directive 2014/30/EU Electromagnetic Compatibility

Registration No.: AT0517060050E

Report No.: R0517060050E

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Model number	Rated power
HE-144	350W
HE-143	270W
HE-160A	135W
HE-161A	270W
HE-154	180W
HE-141	100W
HE-151	80W
HE-150	55W
HE-140	100W
HE-145	100W
HE-150W	60W



Certified by

Tom Chen
Manager

Jun. 24, 2017
Date



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(HE - 150)**



USER MANUAL

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Version 20/05/2020