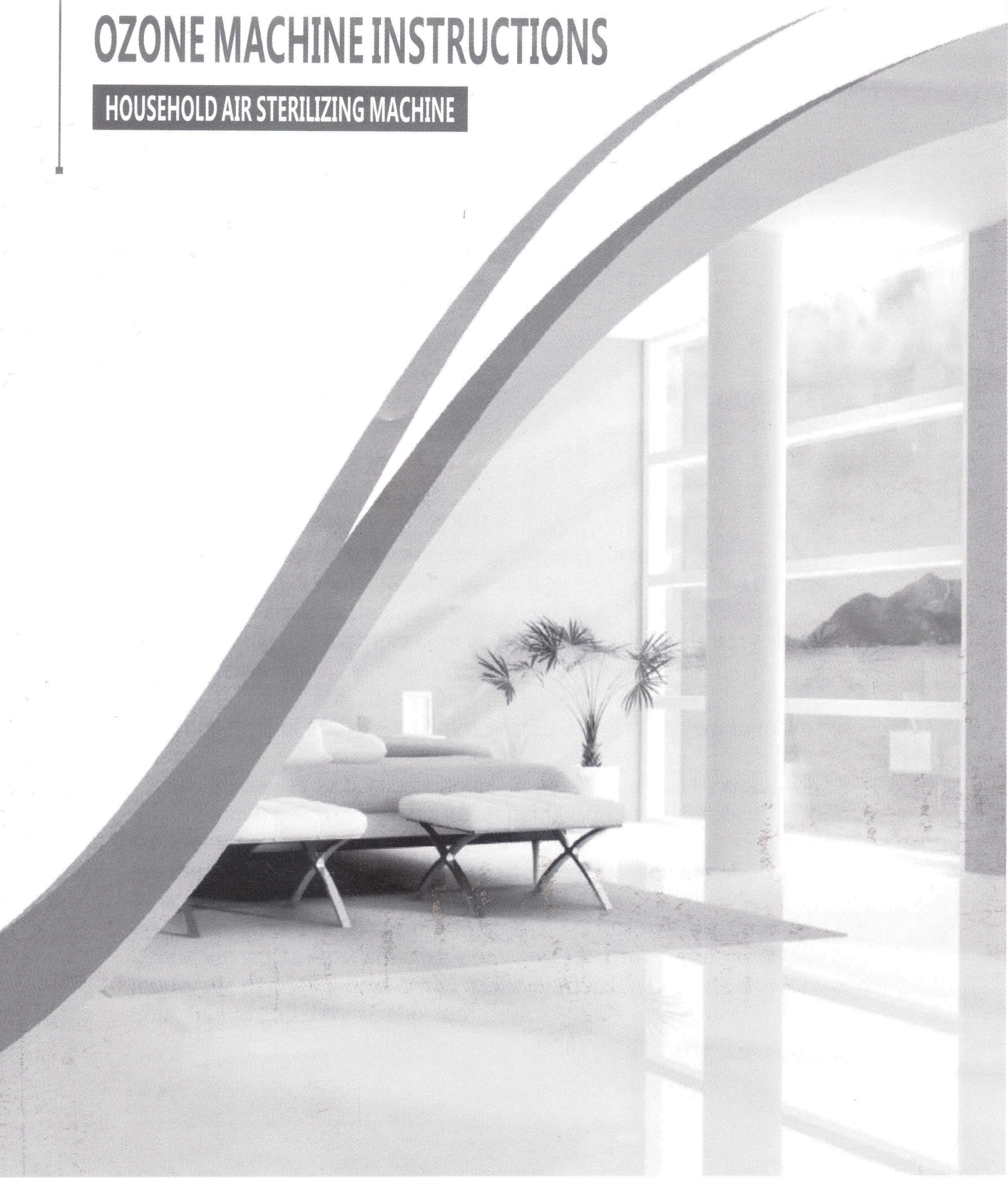


OZONE MACHINE INSTRUCTIONS

HOUSEHOLD AIR STERILIZING MACHINE



HF258

User Manual

Introduction

Name: Ozone Air Disinfector

Item Number: HF258

Cooling: Air Fan Cooling

How to Use

1. Insert the plug into the wall
2. Turn the timer 0-60min or 0-120min hold (on)
3. Exit the ozonation state as soon as the unit turns on
 - Car ozonation, 15 min. Remember to turn on the heater, so that the heating cells are also cleaned.
 - Old buildings, for example 60m². 2x2x2 hours. If this is not enough repeat ozonation.
 - Boats, caravans, etc. 20-40 min.
 - For buildings of 100m² or above, we recommend ozonation room by room.
 - Large spaces, eg 2x2x2x2x2 hours. Repeat ozonation if necessary.
 - Ozonation is also suitable for deodorizing clothing and sports equipment.

Let the ozone act for about 2 hours after the machine has shut down, after which you can ventilate the premises.

Preferably place the unit approximately 1-1.5 m above the floor.

Ozonation works most effectively in warm and dry conditions mode, the operating time of the ozone production unit will also increase. Cold, humid and dirty air shortens device life.

General safety instructions

Safety instructions:

WARNING- To reduce the risk of electric shock, replace damaged power cords.

- Observe all available electronic codes.
- Danger of electric shock. Turn the power OFF and unplug the power cord before performing maintenance work. Failure to follow the instructions may lead to serious injury or death.

WARNING- Inhalation of high levels of ozone gas for short periods, and Inhalation of low levels of ozone gas for prolonged periods of time may cause serious physical injuries.

DO NOT INHALIZE OZONE GAS RELEASED BY THIS DEVICE!

- Do not store fuel, chemicals, or other flammable liquids or vapors near the device.

A strong fire can be ignited if oil, grease or greasy material comes into contact ozone gas.

WARNING pets, valuables, precious metals, electronic devices and plants must be kept away from the equipment when in use.

OZONE GAS DETECTION LEVEL

Ozone gas can be detected in the air by its distinct smell. If the smell no difference, the symptoms of gas fatigue will soon appear. ozone gas odor should not be taken as an indication of high ozone gas content. Permitted the concentrations of ozone gas to which workers may be exposed are:

0.1 ppm average 8 h / day, 5 days per week.

0.3 ppm for an average of 15 min. at a time.

Exposure to 10 ppm is considered to be hazardous to health and may lead to death.

USING THE AIR MANAGER

The ozonator can be used to destroy airborne odors caused eg. wet carpet, mold, pets, smoke, pollen, chemicals, paint and fire. Select a program in the timer to determine the duration of ozone treatment. Avoid placing the diffuser at the end of the ozone inlet hose too close to metal or plastic objects as large amounts of ozone will corrode objects.

DO NOT PERMIT OZONE CONTENT IN HOUSING OVER THE RECOMMENDED 70 PPM LIMIT.

WARNING - Inhalation of airborne ozone gas can cause irritation of the nose, throat and lungs. The device should be used in empty spaces.

Read this safety information

SAFETY WARNINGS HEALTH HAZARDS

The generator is a device for industrial / home use, commercial use. The generator produces ozone. Ozone is a known disinfectant.

It has a bactericidal effect at a concentration of about 9-10 g / dm³. The effect of ozone is about 50 times more potent and 3,000 times faster than that of chlorine. Ozone is an irritating gas that damages biological membranes.

When inhaled, ozone can prevent cells from breathing.

The first symptom of ozone irritation (observed at 0.2 g / dm³) is cough, sore throat, nausea and headache.

The ozone half-life is practically short, about 30 minutes, so that after 2 hours, it is only about 6% of the original ozone amount.

Ventilate the room after ozonation, use a mask (carbon) if you need to stay in the ozone zone. 0.1 ppm is harmless to humans for up to 8 hours.

A concentration of 10 ppm is dangerous, with exposure for just a few minutes. Generators are capable of generating up to 12.5 ppm (higher concentration, faster decay).

For commercial use, concentrations of 0.01 ppm to 3 ppm are used.

That is, this amount of rooms is disinfecting. Ozone depletion time is ½ hour. A variety of literature on ozonation is available.

For your own safety and that of others, these are worth reading.

Ozone treatment for animals is highly recommended (dogs / cats, booths, brushes, crates, bird cages, etc.)

1. Exposure limit:

The following restrictions are accepted in the US, UK, and the rest of Europe:

- 8 hours per day / 5 days per week - 0.1 ppm
- 15 minutes (short exposure) - 0.3 ppm

2. Ozone toxicity:

Regardless of whether the risk limit is exceeded, it can cause inflammation of the respiratory tract. It has been shown that ozone can cause asthma attacks. People with pre-existing asthma should not be allowed to enter rooms that have recently been saturated with ozone. Wait until all ozone remains are completely dispersed and the room is well ventilated. Ozone has a distinctive pungent odor and is therefore easily detectable, also at risk when the concentration is lower. Most people can detect the odor at a concentration of about one-tenth of the level of ozone at the 15-minute exposure limit.

A very strong odor of ozone in the air generally means that the ozone concentration exceeds the 15 minute exposure limit.

WARNING

- The generator should not be handled by people with impaired sense of smell.
 - Leave space around the unit before using it.
 - Do not directly check the ozone production by smelling the output from the generator.
 - Short term inhalation of high concentrations of ozone and long term inhalation of lower concentrations of ozone can cause serious physiological adverse effects.
- The appliance is not waterproof and can only be used indoors. Do not allow water to enter the unit. Moisture is not covered by the warranty.
- DO NOT open, repair or modify the product. The ozone generator uses a very high voltage which can cause injury. Do not touch the machine while it is open or while the machine is on.
- Do not use the device in a humid environment (relative humidity > 85%) The ozonator is protected. If the humidity is more than 85%, it can stop the high voltage converters.
In this case, the warranty does not cover the damage.
- Keep children away from the appliance.
- When not in use, the unit should be unplugged.
- DO NOT use the device in an environment where flammable or explosive substances are present.
- DO NOT touch the unit with wet or damp hands.
- Avoid using the equipment in areas where metals or synthetic materials are stored.
- Use only a compatible cable.
- Wrong materials can cause unwanted ozone changes.
- DO NOT lubricate ventilation ducts using mineral oils or grease.
- DO NOT use the machine on a carpet or similar surface.

IMPORTANT WARNING

We're not responsible for any damage caused by the product or its use. You are solely responsible for ensuring that the product is properly installed, maintained, and stored.

CONTENTS

1. Ozone Generator
2. User Manual

MAINTENANCE

If you use this generator only occasionally, store it in a dry place and protect it from dust in a plastic bag.

If you use the ozonator daily or frequently, then you should do regular checks to make sure the system functions properly and effectively: