

JV SAN BERNARD®



STOPS the action of bacteria, germs, fungi, mites.



ELIMINATES bad smells.



DOES NOT RELEASE toxic residues.



DOES NOT DAMAGE surfaces and skin.

OZONWATER

Jv SAN BERNARD®



Name: OzonWater

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0 INTRO

0.1 OZONE

As is well known, ozone (allotropic state of oxygen) is an unstable gas composed of trivalent oxygen (O₃) which in nature is formed in the atmosphere by irradiation of ultraviolet solar rays or with electrical discharges produced during thunderstorms.

In the mountains it is present in higher concentrations perceptible to humans through a feeling of freshness and cleanliness (healthy air).

Ozone is therefore a natural gas that leaves no trace or chemical residue. Its high oxidizing power and the natural tendency to return oxygen make it a gas with high possibilities of use in many applications for the treatment of air, water and the food industry.

0.2 SAFETY

In 1982, ozone was internationally recognized as a "safe gas" for food use by the U.S. Food and Drug Administration. In fact, low concentrations and short contact times are sufficient to destroy or inactivate bacteria, molds, yeasts, parasites and viruses.

One of the challenges of the third millennium is represented precisely by "microbiological safety".

0.3 WATER TREATMENT

The use of ozone in water dates back to the early 1900s, when various applications and experiments that have attested the bactericidal, fungicidal and inactivating effect of viruses by ozone have been extensively studied and verified. In the water distribution circuits it has now become essential to use adequate technical solutions for the prevention and monitoring of bacteria such as Legionella, which are very dangerous to health.

0.4 GROOMING OZONE

The use of ozone combined with water finds one of its most effective applications in grooming.

In fact, this is very useful for treating animal skin problems: the action of the ozone bubbles allows the skin cells to open, making the application of any product, be it an oil or a shampoo, more effective.

The effects of this treatment are visible on the animal's coat already after 3/6 days.

The treatment is particularly suitable for elderly or stressed dogs, with dermatological problems or post-traumatic stress, hysterical pregnancies or moulting.

The benefits of the treatment are the result of the anti-inflammatory and pain-relieving power of ozone in treating orthopedic diseases, skin ulcers and skin infections caused by viruses, fungi and bacteria and are proven by the Istituto Superiore di Sanità through the Guidelines and Good Practices. Oxygen-Ozone therapy art. 6 (Law 8 March 2017, n.24, rev. 05/10/2019).

0.5 PREPARATION FOR TREATMENT

- **Water ozonation**

Immerse Cannula A in the tub filled with water and ozonate according to the times described in "TABLE A" on page 7 of the manual. Once the water is ready, turn off the machine, remove the cannula and immerse the dog in the tub. Massage it for a few minutes so as to allow the ozone to act on the skin, then proceed with the specific washing for the coat type and the provided treatment by applying the routine products.

- **Shampoo/Conditioner ozonation**

Pour the necessary cosmetic product, whether it is a shampoo, a conditioner or a mixture, inside of Measuring Cup C, then immerse Cannula B in the Measuring Cup and ozonate according to the times described in "TABLE A" on page 7 of the manual. Finally, proceed as usual by applying the product on the coat, massaging for 3-5 minutes, then rinse.

- **Environments sanitizing**

Remove the cannula and start the Ozonwater device, leaving it for the times described in "TABLE A" on page 7 of the manual.

At the end of the sanitation cycle, switch off the device and immediately ventilate the area.

Absolutely do not stay in the room during sanitation of the environment.

0.6 WHAT IS Ozonwater

The OzonWater Machine is a device which provides ozone: by ozonating the water it is possible to obtain the benefits of a real spa treatment, bringing satisfactory results against: rheumatism, arthrosis, circulatory disorders, skin problems, stress and fatigue. Carefully follow the instructions provided to make the best use of the machine.

See "TABLE A" in the section "times and methods of use" for a correct preparation of the treatment

TABLE A

0.7 TIMES AND METHODS OF USE

OzonWater Machine can also be used via battery (optional), so you can comfortably carry it with you without the inconvenience of the electric cable.

The life of the lithium battery is approximately 2,5 hours of continuous use.

0.7.1 WATER OZONATION TIME

Apply **Cannula A** to the tube's outlet, immerse in the tank or in the **Measuring Cup C** and follow the ozonation times of the water according to the table shown.

Cannula A

Litres	MINUTES
50	10
70	14
120	20
150	30



0.7.2 SHAMPOO/CONDITIONER OZONATION TIME

Apply Cannula B to the tube's outlet, immerse in the tank or in the **Measuring Cup C** holding it with your hands and follow the shampoo / conditioner ozonation times according to the table shown.

Cannula B

ml	SECONDS
100	15
150	20
200	25



Measuring Cup C



0.7.3 ENVIRONMENTS SANITATION TIME

Ozonwater machine can also be used to sanitize the environments. To do this it is necessary to detach the tube from the cannula and simply put the machine into operation.

mq²	MINUTES
50	15
100	20
150	30
300	40



1 SAFETY INFORMATION

1.1 KEY RECOMMENDATIONS



ATTENTION

Before activating the device it is necessary to strictly follow the instructions of this manual in order to achieve safe and correct use.



DANGER!

Any other use is expressly prohibited!

Carefully refer to the safety information in this manual

- **T**he device described in this manual has been designed to be used with a voltage 12 Vdc power supply, it must only be connected to electrical systems that comply with the laws and regulations in force, which include devices designed to safeguard the life of people and animals.
- **T**he socket to which the device will be connected must be provided with efficient grounding according to regulations.
- **A**ny equipment that radiates high frequencies in the vicinity of the device could cause malfunctions.
- **A**lways keep the device clean and tidy.
- **N**ever use the device with a wet or damaged power cord or plug; not place any object on the device and / or on its power cable; arrange the power supply cable in such a way that it cannot be walked on or subjected to tensions, tractions and pressures.
- **T**he device must be protected from jets of water and other liquids, it must never be used in a very dusty environment and in the presence of vaporized liquids; avoid direct exposure to sunlight and heat sources.

- **N**ever open the device, always contact the manufacturer even in the event of damage or deterioration; adjustments, repairs and maintenance must be carried out exclusively by personnel authorized and recognized by the manufacturer.
- **I**n case the device works abnormally, if it emits odors, noises or sounds unusual, turn it off and unplug the power cord from the wall outlet; contact the manufacturer before restarting.
- **I**f the power cord is damaged, it must be replaced by a qualified person or service.
- **T**o clean the appliance, use a damp cloth, not very wet, soaked in alcohol or washer fluid; do not use too aggressive substances.
- **D**o not restrict, obstruct or cover the ventilation grilles.
- **D**o not insert any objects into the grilles, slots, fittings and ventilation holes as they are inside the device there is a very high voltage.
- **T**he device can generally only be used indoors, outdoor use is allowed only if indicated on the container and in the manual.
- **T**o protect the device against lightning and voltage peaks, or if it is unattended or unused for a long period of time, disconnect it from the power supply.
- **T**he appliance can't be used by children under the age of 8 and by people with reduced physical, sensory or mental abilities, or without experience or the necessary knowledge, as long as they are under surveillance or after they have received instructions on the safe use of the device and understanding the dangers inherent to it; children must not play with the device; cleaning and maintenance intended to be carried out by the user must not be carried out by unsupervised children.
- **D**o not move the device while it is in operation: before any movement, even if minimal, turn off the equipment.
- **D**o not place the device on unstable or vibrating surfaces.
- **T**he manufacturer recommends subjecting the device to the necessary maintenance operations, and declines all responsibility for damage or injury caused by improper use.
- **N**ever try to verify the presence of ozone at the output of the generator by means of an olfactory test (do not smell).

1.2 TECHNICAL ASSISTANCE

The Manufacturer puts its Technical Assistance Service at the service of its customers to solve any problem regarding the use and maintenance of the machine.

In case of written requests, please specify the following data in the message:

- Machine model
- Product serial number
- Details of the defects found
- Controls performed
- Any other relevant information

Send requests to the manufacturer using the following e-mail address: info@ivsanbernard.it

1.3 OZONE SAFETY INFORMATION

Ozone is a very unstable gas, it cannot be stored for a long time, which is why it is produced when needed. Gas is the most powerful natural oxidant that can be used, its action is fast and ecological, it transforms back into oxygen when it decomposes.

The main applications of ozone are related to the sanitation and sterilization of air and water. Ozone is always used in a mixture. The gas cannot be produced in 100% purity, a mixture of air / ozone, oxygen / ozone or air / oxygen / ozone is always used, where ozone always represents the smallest part. The ozone concentration in the above mixtures is generally indicated in grams / cubic meter (g / m³ or g / Nm³) or in parts per million (ppm). The production capacity of an ozone generator is the amount of gas it produces in an hour and is measured in grams per hour (g / h).

To sanitize an environment from microorganisms 1000 ppm of ozone is more than enough to achieve a good result, this means that one cubic centimeter of ozone (2.14 mg.) per cubic meter of air is enough. The decomposition time of ozone in the air depends on the temperature and humidity of the environment. The data indicate the halving at 20 ° C in 72 hours and in 2 hours at 100 ° C. These data refer to pure air without humidity. Humidity, organic and inorganic substances, pollutants and natural catalysts contained in the common air reduce the above values to an average time of 40 minutes.



DANGER!

The oxygen-ozone mixture is detonating and flammable, avoid operating the equipment near flames, braziers, lamps, heat sources, electrical equipment and anything that can produce sparks by rubbing or by electric discharge.

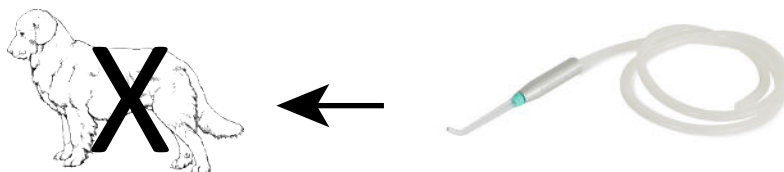


ATTENTION

- Avoid inhaling ozone near or directly from the gas generator outlet grille.
- If you notice a slight burning sensation in the nose, throat or eyes, it is advisable to ventilate the room and exit until the classic acrid and pungent odor is no longer felt.
- Ozone is heavier than air, it always tends to be located in the lower part of the environment, so great attention must be paid to the use of gas in the presence of children or animals.

1.4 WHAT YOU CAN'T DO WITH OZONWATER

Ozonwater cannot be used directly on the skin / skin.



1.5 SECURITY STANDARDS FOR OZONE USE

- Toxicological information

Ozone is toxic and irritating mainly to the respiratory tract (> 300 ppm), slightly to the eyes and rarely to the skin.

- Respiratory protection

Always use the appropriate breathing mask to access areas with high ozone concentrations (> 300 ppm). In the absence of the mask, breathe slowly, for a short time, through a wet cloth.

- First aid measures

- First symptoms burning in the nose, throat and eyes.
- Mild inhalation: nose, throat, and eye irritation > go out into the fresh air
- Medium inhalation: cough, headache, nausea > breathing medical oxygen
- Strong inhalation: heavy chest, shortness of breath > call for help

- Fire-fighting measures

Use any extinguishing agent. Ozone itself is not flammable, but it can initiate and accelerate combustion or cause explosions on contact with some elements (see below).


- Stability and reactivity

Ozone is highly unstable and reactive. Avoid contact with alkanes, ethylene, benzene, ethyl ether, dinitrogen tetroxide, bromine, hydrogen bromide, hydrobromic acid, nitroglycerin.

- Handling and storage

The ozone must be contained in gas-resistant pipes and the pipes must branch from the point of generation to the point of application without leaks. In the event of any leaks, turn off the ozone generator and ventilate the area. Evacuate the area until the ozone levels are within the first tolerated parameters (110 ppm).

- Hazards identification according to the European CLP regulation:

	
Acronym	Hazard description
H270*	It can cause or aggravate a fire
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	It can irritate the respiratory tract
H373	It can cause damage to the bronchi and lungs if inhaled for a long time or repeatedly
H400	Highly toxic to aquatic organisms

*The security code, does not refer to the cosmetic product H270 biphasic fluid Atami

2 GENERAL INFORMATION

2.1 MANUFACTURER INFORMATION

IV SAN BERNARD Srl



Via Castelli, 7
50056 Montelupo Fiorentino (FI) - ITALY



Tel: +39 0571 509106



<https://ivsanbernard.it/>



info@ivsanbernard.it

The Manufacturer declines all responsibility in case of damage to things and / or people deriving from:

- Improper use of the machine or use by unauthorized or unskilled personnel to carry out certain operations and / or during training stages;
- Non-compliant use of the machine with respect to national regulations and laws on safety and accident prevention;
- Inhibition or disassembly of installed protection devices;
- Incorrect installation and / or connection to the foreseen power sources (power supply defects);
- Lack of or poor preventive maintenance;
- Carrying out modifications or unauthorized interventions;
- Use of non-original or unsuitable spare parts;
- Total or partial non-compliance with the instructions provided;
- Exceptional events;

2.2 MANUAL PURPOSE

To facilitate consultation and rereading of the topics of interest, refer to the index at the beginning. This manual was drawn up by the manufacturer and is an integral part of the product; as such it must be carefully stored for the entire life of the machine until demolition.

The customer must ensure that the operators have read or are familiar with the contents of this manual in order to strictly follow the instructions described here.

Only the constant observance of the indications provided in this manual allows to obtain the best results in terms of safety, performance, efficacy and duration over time of the product now in your possession. Failure to comply with these rules could potentially cause damage to humans, the machine, the washed surface and the environment which in no case can be attributed to the manufacturer.

2.3 TERMINOLOGY AND SYMBOL LEGEND

For greater clarity and to adequately highlight the various aspects of the instructions described, terms and symbols defined and illustrated below have been used:

Term	Definition
Machine	Is the commercial name to which this manual refers.
Operator	Person who normally uses the machine and is aware of the aspects relating to its operation as well as being familiar with the use of various detergents but is unable to perform interventions on the machine that require specific technical expertise.
Technician	Person who possesses the necessary requisites (experience, technical preparation, legislative and regulatory knowledge) that allow to perform any type of necessary intervention, with the ability to recognize and avoid possible dangers during installation, use, handling and maintenance of the car.

Symbology and warning



DANGER!

The symbol on the side recalls vital information in order to avoid serious (or extreme) consequences to people's health and to the integrity of the product and the environment in which it operates.



ATTENTION

The symbol on the side accompanies the information that contains procedures and / or instructions that must absolutely be understood and performed to avoid damage to the machine and the environment in which it is operated.

2.4 TECHNICAL CHANGES

This machine was designed and built in accordance with the basic requirements for the safety and health of the user provided for by European directives, which is why the CE mark was affixed to the identification label.

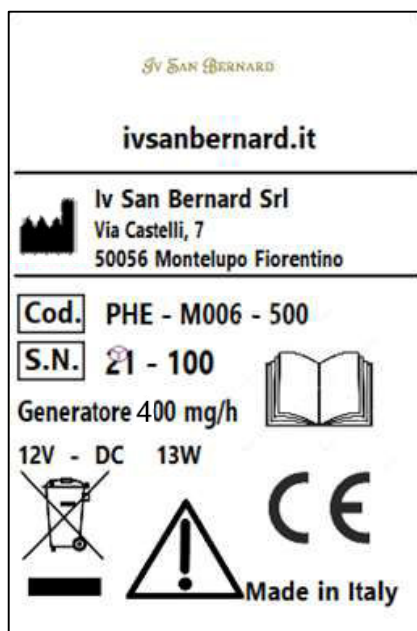
The European directives for which the device is compliant are mentioned in the Certificate of Conformity, attached to this manual. This certificate will be invalid if the appliance undergoes any type of modification not previously agreed with the manufacturer.

The manufacturer reserves the right to make, without prior notice, technical modifications to the product aimed at updating or improving it technically.

For this reason, some details of the machine in your possession may differ from the information in the commercial catalogs or from the same representations contained in this booklet, without compromising the safety and information provided in this regard.

2.5 PRODUCT IDENTIFICATION

Make sure that the machine is provided with a plate showing the serial number and the CE mark. If not, notify the dealer immediately.



The identification plate contains the following information:

- Manufacturer identification
- CE mark
- Model code
- Serial number
- Total rated power
- Year of manufacture

2.6 GENERAL GUARANTEE CONDITIONS

The guarantee is valid for 12 months only if accompanied by an invoice or tax receipt, we therefore recommend that you attach the invoice or tax receipt to this guarantee certificate. This guarantee is without prejudice to the consumer's rights under the laws and regulations in force

- In the presence of production defects, the manufacturer guarantees the product for 12 months from the date of purchase of the final customer, which is proven by a document valid for tax purposes containing the model and serial number of the product.
- By warranty we mean, exclusively, the free repair and replacement of parts of the appliance that are originally defective.
- The warranty is recognized for products sold and installed on the Italian territory, including the Republic of San Marino and the Vatican City.
- From the moment in which the equipment is at an Assistance Center, or at the manufacturer's premises for maintenance or repairs, the manufacturer declines all responsibility for damage due to natural events, theft, burglary, removal, requisitions, fires or other unforeseeable circumstances. of force majeure.
- The warranty is void if the equipment has been repaired, modified or even partially disassembled by unauthorized personnel.
- The manufacturer declines all responsibility for problems, damages, and disputes arising from the installation of the product.
- The application of the guarantee is at the sole discretion of the manufacturer. Its execution will be, on time and in the manner, according to the operational availability of the moment in which the manufacturer receives the product.
- The manufacturer will not pay any compensation for direct or indirect damage caused by breakdowns, anomalies and the immobilization of the equipment during shutdown and repair.
- The costs of transport, insurance and anything else related to the sending and collection of the product for interventions under warranty and out of warranty are always charged to the customer.
- Warranty services may be interrupted in the event of delays or non-payments to the retailer who issued the tax document.

The warranty expressly excludes:

- Consumable parts, alteration and deterioration of paints, surfaces and components due to normal wear.
- Damage resulting from abnormal storage and handling conditions and extreme environmental and climatic conditions.
- Damage resulting from natural events, surges and electrical discharges.
- The shipping costs for sending and returning the equipment for technical intervention. These costs are always charged to the customer.
- Compensation for direct or indirect damage caused by breakdowns, anomalies and the immobilization of the equipment during the breakdown.
- Anomalies not attributable to material or manufacturing defects, but deriving from incorrect use, negligence, tampering, fire, flooding, sabotage, exposure to chemical and corrosive substances, explosions, natural events and various kinds of accidents.
- Damage resulting from failure to observe the instructions for operating the appliance, incorrect installation or maintenance by unauthorized personnel, transport damage, or circumstances that cannot be traced back to manufacturing defects of the appliance.
- Damage caused by foreign bodies, water, chemicals, earth, sand, metal shavings, organic substances, etc.
- General operating problems resulting from inexperience or wrong impression of the user.
- Furthermore, all external parts (knobs, buttons, panels, etc.) and accessories in general are not covered by the guarantee.
- Faults deriving from heavy and continuous use, beyond the limits indicated in this user manual.

2.7 DECLARATION OF CONFORMITY

IV SAN BERNARD®	OzonWater	Iv San Bernard Srl Via Castelli, 7 50056 Montelupo Fiorentino (FI)
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DICHIARAZIONE UE DI CONFORMITA'

EU Declaration of conformity

PRODOTTO (oggetto
della dichiarazione):

*Product (object of the
declaration)*

Tipo/Type: Ozonizzatore per toelettatura / ozonator for grooming

Modello/Model: OzonWater cod. ISB-M01

DISTRIBUTORE:

Distributor:

Iv San Bernard Srl

Via Castelli, 7 - 50056 Montelupo Fiorentino (FI) - ITALY

Il Distributore dichiara sotto la propria responsabilità che il Prodotto oggetto della dichiarazione soddisfa tutte le disposizioni applicabili nella seguente Direttiva:

The Manufacturer declares under its own responsibility that the Product covered by the declaration meet all the provisions applicable in the following Directive:

**Direttiva 2014/30/UE del Parlamento Europeo e del Consiglio del 26 febbraio 2014
concernente l'armonizzazione delle legislazioni degli Stati Membri relative alla compatibilità elettromagnetica
(rifusione)**

ed è conforme alle pertinenti norme tecniche armonizzate dell'Unione:

and comply with the relevant Union harmonization standard:

EN 62233(2008)

EN 55014-1(2017), EN 55014-2(2015)

EN 61000-3-2(2014), EN 61000-3-3(2013)

Montelupo Fiorentino,
26/05/2021



Firmato a nome e per conto di

Iv San Bernard Srl

La presente Dichiarazione di Conformità è rilasciata sotto la responsabilità esclusiva del Fabbrikante.

This Declaration of Conformity is issued under the exclusive responsibility of the Manufacturer.

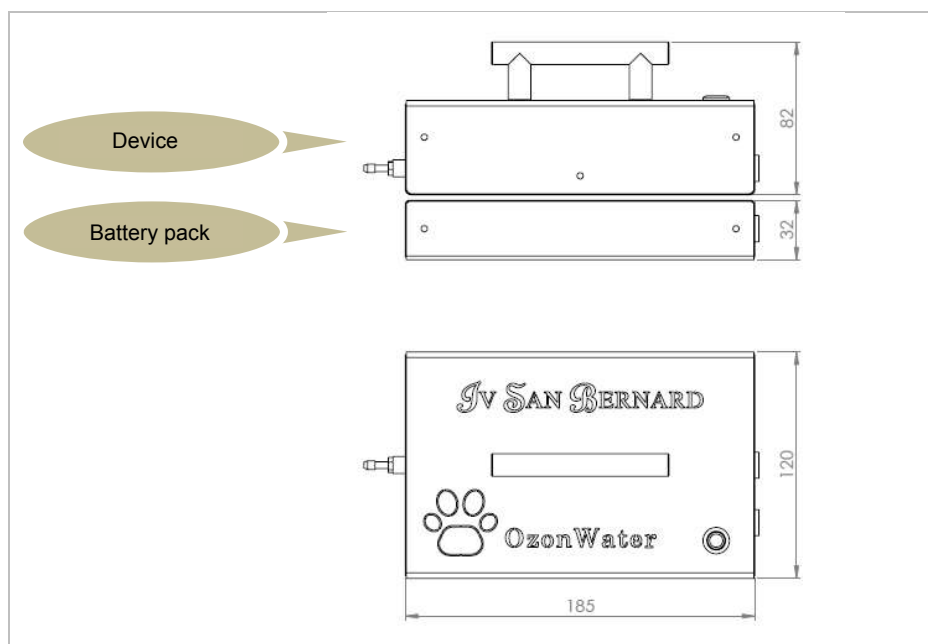
3 TECHNICAL INFORMATION

3.1 DESCRIPTION

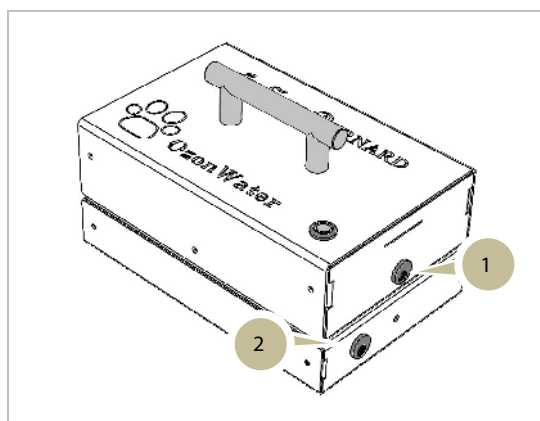
12 V lithium battery pack + relative charger.

Equipped with a circuit for protection against short circuit or overload, maximum output current 3A, if it is exceeded and the circuit interrupts the supply.

3.2 DIMENSIONS



3.3 GENERAL DESCRIPTION OF THE COMPONENTS



- | | |
|---|------------------------|
| 1 | Device jack plug |
| 2 | Battery pack jack plug |

3.4 TECHNICAL CHARACTERISTICS OF THE DEVICE

Description	Value
Operating voltage	12 Vdc
Ozone production	400 mg/h with ambient air (21°C - 55% RH)
Generator power	3,1-3,5KV
Supplied with	1 powwer cable 1 nozzle applicator to ozonate the shampoo 1 porous stone to ozonate water and conditioner 1 shaker 1 battery (optional)

3.5 TECHNICAL CHARACTERISTICS OF THE BATTERY

Description	Value
Capacity	3000 mAh
Input voltage	12.6 Vdc
Output voltage	12 Vdc
No. of charge / discharge cycles	1000
Charger output current	1 A
Duration (with continuous operation)	2,5 hours

3.6 WARNINGS ON USE

DO NOT disassemble the battery pack
 DO NOT bend, crush or puncture the battery pack
 DO NOT bring the battery pack close to heat sources
 DO NOT immerse in water
 STRICTLY use only the supplied charger

4 MAINTENANCE

4.1 PRELIMINARY WARNINGS

**DANGER!**

Before proceeding with any intervention on the device, it is recommended to disconnect the power supply.

4.2 ORDINARY MAINTANANCE

Maintenance is essential to keep the device in perfect efficiency from both the functional and energy aspects.

At the beginning of a work cycle or as needed, perform the following operations:

- **Cleaning of the external structure**

Dust and carefully clean the external surface of the device with a cloth.

- **Cleaning the ventilation slots**

Remove any accumulations of dust from the air inlet and outlet slits with a jet of compressed air.

5 DEMOLITION AND DISPOSAL

5.1 OZONE DISPOSAL

Ozone must be reduced to less than 0.1 ppm before being dispersed in water, soil or atmosphere.

5.2 DEVICE DISPOSAL

The equipment cannot be disposed of with normal waste, but must be delivered to collection centers specialized in the disposal of electrical and electronic equipment, in accordance with the provisions and standards in force.

Illegal disposal of the product involves administrative penalties for the owner of the equipment.



6. KIT OZONWATER



**OZON
WATER**



DVP



DP



0099852



CHARGER

7. OPTIONAL



**BATTERY
PACK**



**TIMER
ART 46012016**



**GROOMING TROLLEY
"FOR YOU"
ART OZONTROLLEY**

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