



# NOCOMAX STAINLESS STEEL®

User manual



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# 1. INTRODUCTION

## 1.1 General information

The NOCOMAX STAINLESS STEEL is a transportable device for the diffusion of a disinfectant.

This device is intended for professional use only. It can be used in hospitals, the food industry, the pharmaceutical industry or any environment where disinfection is required.

This user manual describes the operation of the NOCOMAX INOX diffuser and includes essential information guaranteeing safe use of the product.

The documentation refers to NOCOMAX STAINLESS STEEL diffusers in their original state and which have not been modified.



- Read this manual carefully before using the NOCOMAX STAINLESS STEEL diffuser. It has been created so that you can use all of its functions effectively.
- Illustrations are provided to help you understand the various functions of the NOCOMAX STAINLESS STEEL. They are not binding.

## 1.2 Classification/Regulations

The NOCOMAX STAINLESS STEEL diffuser complies with the following standards:

Electrical classification Standard IEC 60950-1 / 60417-5019	Class I Electrical Protection	
Electromagnetic Compatibility (EMC) Standard EN 60601-1-2 (2007)	The product does not cause electromagnetic interference which may affect other devices. It demonstrates appropriate immunity in the presence of electromagnetic disturbances.	

## 1.3 Warranty

The device must be registered on the online platform at this address:

<https://www.oxyparm.net/mes-garanties/>

The guarantee certificate must be presented to the retailer or to the company OXY'PHARM - Z.A., Grands Godets - 829, rue Marcel Paul - 94508 Champigny-sur-Marne, France, in order to provide proof of the guarantee.

### Guarantee Clauses

The following provisions do not exclude the benefit of the legal guarantee anticipated by Articles 1641 et seq of the French Civil Code pertaining to hidden defects.

### Subject Matter of the Guarantee

The guarantee consists of the gratuitous provision of parts which have been recognised as defective by our technical services.

Repairs made as a result of incorrect handling, abnormal use, negligence or the overloading of the device, as well as those required by variations in the power supply network, voltage surges or defective installations, etc., cannot be covered by the guarantee.

Furthermore, if any abnormal corrosion is observed on the flexible parts, hoses, joints, etc., indicating the use of a liquid other than those produced by OXY'PHARM, the guarantee shall also be rendered null and void.

### Transportation

The equipment is to be transported at the user's own risk: in the event of damage occurring during transport, the receiving party must communicate any reservations to the carrier before accepting the delivery of the device.

The device must be stored in a dry location and transported in its original packaging.

### Guarantee Duration

The NOCOMAX STAINLESS STEEL diffuser is guaranteed for a period of 2 years, effective as of the date of the invoice.

## 2. SAFETY INFORMATION

The manufacturer may in no case be held responsible for any incident caused physically or to the hardware by faulty or abnormal use of the device which is contrary to the recommended instructions in the following non-exhaustive list:

	<p>To avoid all risks of electrical shock, the device must imperatively be connected to an electrical supply network equipped with a protective grounding. Ensure that the electrical supply is compliant with the standards in force.</p>
	<p>This device is intended solely for professional use. Any modification to the EM device is strictly prohibited. Portable and mobile RF communication devices may affect EM devices. According to the requirements of the standard NF EN 60601-1, the device may cause radio-electric disturbances and/or disturb the operation of a nearby device. The use of accessories, transducers and cables other than those specified, with the exception of equipment sold by the manufacturer as replacement parts of internal components, may lead to an increase in emissions or a reduction of the device's electromagnetic immunity. The device must not be used next to or stacked with other devices. If this condition cannot be respected, test to ensure correction operation in this configuration. Portable radio frequency communication devices (use of remote control) may affect other electrical equipment and devices and should not be used within 30 cm of NOCOMAX STAINLESS STEEL.</p>
	<p>Use only with products from the NOCOTECH range in <b>20 litre cans</b>.</p>
	<p>Do not insert any object or liquid into the nose of the diffuser whether it is switched on or off. Check for the presence of the jet and the jet support (reference 9 on page 6). <b>Remove the can from the diffuser when transporting it.</b> Handle the tank with care.</p>
	<p>The user is not authorised to replace any part of the device. In the event of device failure, call your retailer/approved technician.</p>
	<p>Any electrical intervention on the device must be performed by an approved technician. OXY'PHARM provides retailers with all technical information required for troubleshooting.</p>

### INSERT THE CONTACT DETAILS OF YOUR RETAILER HERE








Company.....

Mr(s) .....

Address .....

Telephone No .....

The device diffuses a chemical substance. As a consequence, the following recommendations must be respected:

	<i>Users are required to read the accompanying documents.</i>
	<i>The device must only be used indoors.</i>
	<i>Do not inhale the product.</i>
	<i>Do not smoke near the device</i>
	<i>Do not direct the device towards an incandescent area.</i>
	<i>Do not use in the presence of an inflammable anaesthetic mixture.</i>
	<p><i>The decontamination process should be monitored.</i></p> <p><i>Evacuate the room during diffusion.</i></p> <p><i>Respect the contact times specified in the usage protocols.</i></p> <p><i>Respect a minimum delay of 30 minutes after treatment before returning into the treated area.</i></p> <p><i>In case of emergency, if a person has to enter the treated area, they must be equipped with <b>Personal Protective Equipment</b>: ear muffs and PPE according to the SDS of the product used.</i></p> <p><i>To ensure the safety of personnel not protected by PPE, an H2O2 detector can be used to measure any residual gas. The room may only be entered when the concentration (ppm) of H2O2 is below the levels required by local laws on permitted exposure times in the workplace.</i></p>

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### 3. TRANSPORT AND HANDLING



#### **Risk of injury from heavy loads**

Due to the weight of the equipment, only authorised personnel trained in handling heavy objects may remove the product from its packaging.



#### **Risk of tipping**

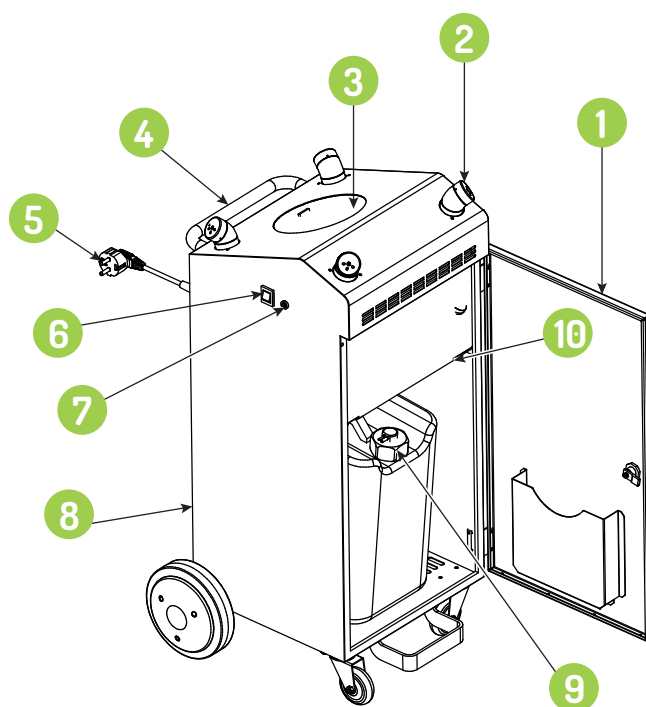
Although compliance with EEC safety regulations is assured, care should still be taken when handling, installing and operating the product.



Once the appliance is in operation, **never tilt it more than 45°**; it contains hydrogen peroxide. If necessary, remove the can and drain the buffer supply **6** from the NOCOMAX STAINLESS STEEL®.

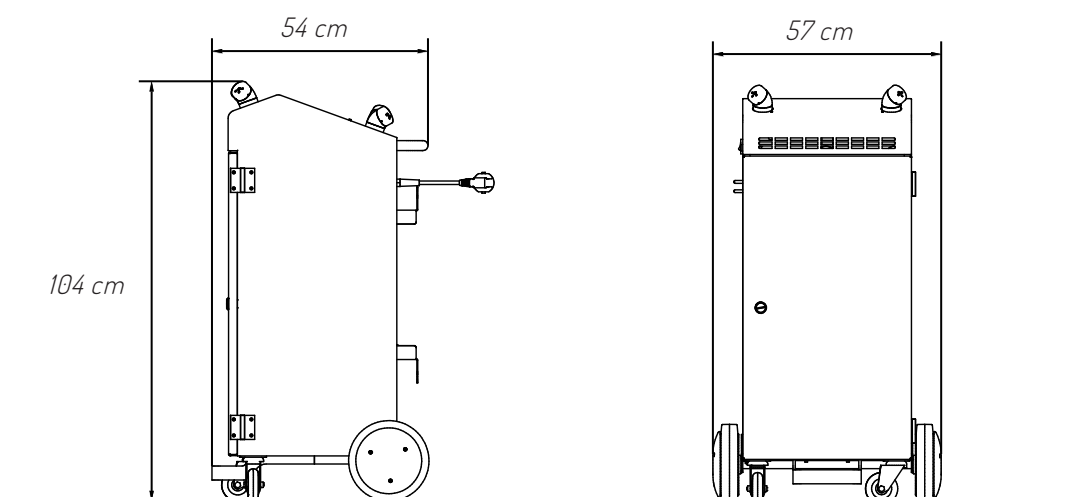
## 4. NOCOMAX STAINLESS STEEL® DESCRIPTION

### 4.1 General description



1	Door	6	Switch
2	Diffuser nozzle (x4)	7	Fuses 6.3x32 16 AT
3	Control keypad	8	Cable reel
4	Handle	9	Tank cap
5	Power cord	10	Buffer tank

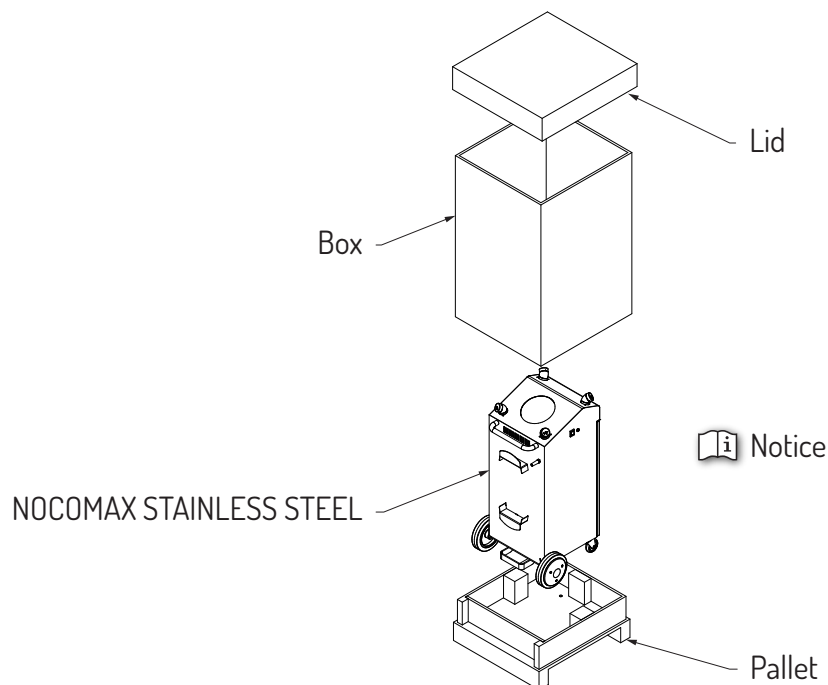
### 4.2 NOCOMAX STAINLESS STEEL® dimensions





## 5. INSTALLATION

### 5.1 NOCOMAX STAINLESS STEEL® packaging



- Pallet box: L= 48 cm D= 73 cm H=120 cm. Weight: 50 kg.
- Product boxes: 4 20 litre cans: 80 kg

### 5.2 Checks before commissioning

- Check that the electrical outlet to which the device will be connected is earthed.
- Check that the voltage of your electrical installation corresponds to that of the device supplied.
- Check that the main switch is set to "0"

## 6. USE OF NOCOMAX STAINLESS STEEL®

### 6.1 Positioning of the device

The unit can handle rooms from 500 to 20,000 m<sup>3</sup>.

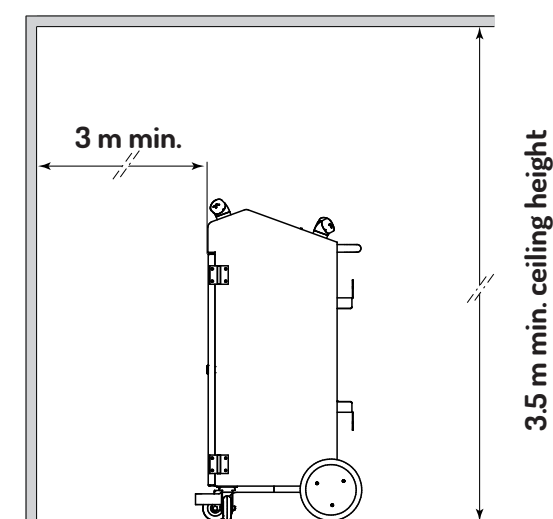
It should be placed in the centre of the room to be treated, if possible.

#### IMPORTANT RECOMMENDATIONS



*Before starting a cycle, check that there are no obstacles within 3 metres of the machine (minimum ceiling height: 3.5 metres).*

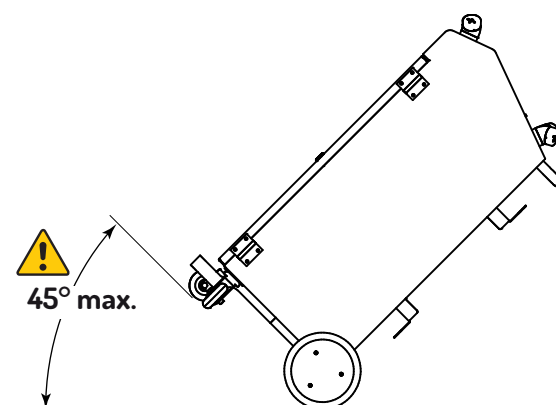
*Overly concentrated spray will end up dripping onto the obstacle.*



#### IMPORTANT RECOMMENDATIONS



*Once the appliance is in operation, never tilt it more than 45°; it contains hydrogen peroxide. If this is not the case, please remove the tank and drain the buffer tank.*



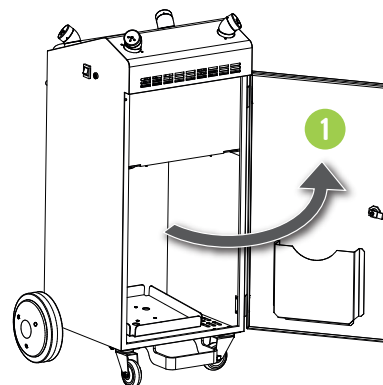
## 6.2 Installing the device can

### IMPORTANT RECOMMENDATIONS

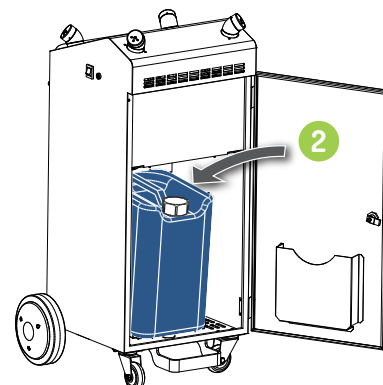


*The product contains hydrogen peroxide, the operation must be carried out carefully.*

- 1 Open the door.



- 2 Place the 20 L can (still closed) on the trolley.

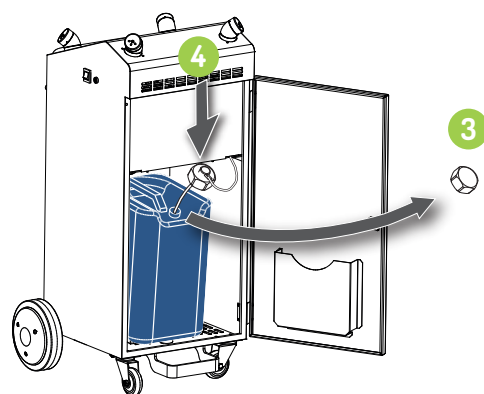


- 3 Remove the cap from the can

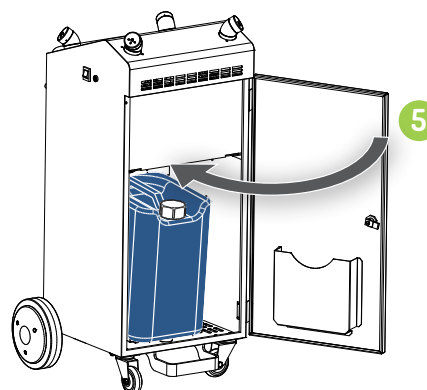


Keep the cap to replace it when replacing the can.

- 4 Insert the tank cap into the canister and screw it on tightly.



- 5 Close the door again.



## 6.3 Operation of the device



Check that there is enough product in the can for the cycle before starting the machine.

Steps	Action	Illustration
1	<p>Plug in the NOCOMAX STAINLESS STEEL®.</p> <p>Set the power switch to "I".</p>	
2	<p>Select the volume to be treated by sliding your finger over the pale part of the keypad (*).</p> <p>The selection range is between 500 m³ and 20,000 m³.</p> <p><i>(*) In standard mode, the volume selected by default is 500 m³.</i></p>	
3	<p>To launch the device, press the button at the centre of the key pad (press and hold).</p>	
4	<p>A beep will sound for 30 seconds before the machine starts working.</p> <ul style="list-style-type: none"> <li>• Leave the room before the end of the 30 seconds.</li> <li>• Over the course of the treatment, the LEDs go out.</li> <li>• AT the end of the diffusion process, there is a beep.</li> <li>• The device will stop automatically.</li> </ul>	
	<p>If there is no more product during the treatment, the LEDs will flash at the volume level where the treatment stopped.</p> <ul style="list-style-type: none"> <li>• Replace the can, see §6.2, page 9 then press start </li> </ul>	

### 6.3.1 Insecticide Treatment Button

 For use only for treatment with an insecticide product.

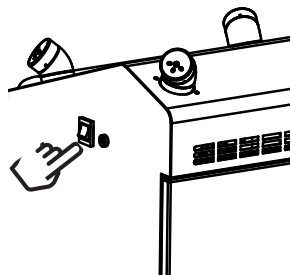


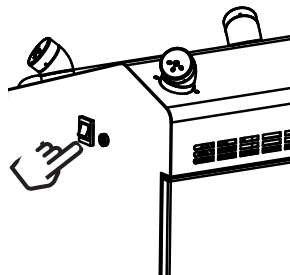
The operating cycle time increases by 20% when using this mode.



The treatment can be started either before or after the volume is programmed.



### 6.3.2 Operation in "remote" mode


It allows the NOCOMAX STAINLESS STEEL to be started remotely via a programmer or a remote control.

Steps	Action	Illustration
1	Plug in the NOCOMAX STAINLESS STEEL®.  Set the power switch to "I".	
2	Turn your finger in a <b>clockwise</b> direction on the pale part of the keypad up to the value 20000, then carry out at least 3 supplementary rotations.  The programmer mode is activated when the LED 20000 remains lit.	
3	Select the volume to be treated by sliding your finger over the pale part of the keypad.  The selection range is between 500 m³ and 20,000 m³.	
4	Set the general power switch to "0".  Unplug the NOCOMAX.	

Steps	Action	Illustration
5	<p>Connect the NOCOMAX STAINLESS STEEL to the programmer.</p> <p>Plug the programmer into a mains socket.</p> <p>Set the power switch to "I".</p>	
6	<p>Refer to the programmer's notice to program it.</p> <p>NB: It is possible to program it beforehand.</p>	

If a timer is used, check that its setting time is higher than the preset time on the machine.

### 6.3.3 Return to standard mode

Steps	Action	Illustration
1	<p>To exit programmer mode and return to standard mode:</p> <p>Turn your finger in a clockwise direction on the pale part of the keypad up to the indication 500, then carry out at least 3 supplementary rotations.</p>	

## 7. SIMPLE FAULTS

### 7.1 Common faults and first remedies

The table below presents a list of common faults, and the first solutions to apply.  
If the fault persists, please contact our After Sales Department.



*Before any intervention, ensure that the device is switched off and unplug the mains cable.*

Symptom	Remedy
The device does not switch on	<ul style="list-style-type: none"><li>• Check the connection to the mains socket</li><li>• Check that the switch is in the "I" position</li><li>• Check the fuses (see "7.2 NOCOMAX STAINLESS STEEL® fuse replacement").</li></ul>
Consumption problem	<ul style="list-style-type: none"><li>• Check the presence of the 9 NOCOMAX STAINLESS STEEL® cap ("4.1 General description")</li><li>• Check waterproofing of the 9 NOCOMAX STAINLESS STEEL® cap tube ("4.1 General description"): cuts, cracks, etc.</li><li>• Check that the buffer tank is screwed in tightly.</li><li>• Check if the can is in the machine.</li><li>• Check the amount of product in the can.</li></ul>
The keyboard does not switch on	Contact the After Sales Department.
The device has been dropped and is malfunctioning	Contact the After Sales Department.

### 7.2 NOCOMAX STAINLESS STEEL® fuse replacement

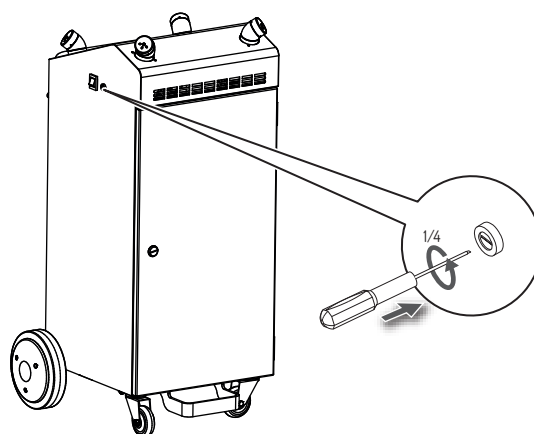


- Use original fuses or fuses with the same characteristics.
- Never replace a fuse with another fuse of different value.
- If the fuse is still destroyed, contact the After Sales Department.

→ Set the On/Off switch to "0" and unplug from the mains

→ Open the fuse holders with a flat screwdriver by unscrewing them by a quarter turn while pressing down.

→ Replace if necessary, but **it must be done** using a fuse with the same characteristics (6.3x32 16 amp time delay).



## 8. HYGIENE AND MAINTENANCE

NOCOMAX® equipment requires regular maintenance.



- Turn off the power before cleaning.
- Do not use abrasive products, bleach, acetone or solvents during maintenance or disinfection operations for the device.  
*These aggressive agents could damage the surface materials (tarnishing, stains, drips, micro-cracks, etc.).*
- Do not spray the screen.

### 8.1 Maintenance of external surfaces

Use a slightly moist cloth or wipe to clean the external surfaces.

### 8.2 Review

The NOCOMAX STAINLESS STEEL® must be serviced annually or every **700 hours of operation** by an authorised technician.

- The user should contact their retailer.

This review includes:

- replacing motors if necessary,
- replacement of the tube of the peristaltic pump (pump allowing circulation of fluids in the device),
- cleaning the buffer tank,

## 9. TECHNICAL SPECIFICATIONS

Transport and storage conditions	
Temperature	0 °C to 70 °C
Hygrometry	10% to 95% RH without condensation
Atmospheric pressure	700 to 1060 hPa
Usage conditions	
Temperature	0 °C to 40°C
Hygrometry	10% to 90% RH without condensation
Atmospheric pressure	800 to 1060 hPa
General characteristics	
Device weight	45 kg empty / 66 kg full
Package weight	50 kg
Compatible packaging	20 L
Maximal treatment volume	20,000 m <sup>3</sup>
Average liquid flow rate	6 L/h
Electrical characteristics	
Power supply voltage	230 V single-phase
Power supply frequency	50 to 60 Hz
Power	2000 W
Nominal intensity	9.5 A



## 10. CONSUMPTION TABLE

With disinfectants at 1 ml/m<sup>3</sup>:

→ 6 litres of product = 1 hour of diffusion = 6000 m<sup>3</sup> treated.

Volume to be treated in m <sup>3</sup>	Consumption in L	Diffusion time NOCOMAX STAINLESS STEEL® (HH:MM)
500	0.5	00:05
1,000	1	00:10
2,000	2	00:20
3,000	3	0 :30
4,000	4	00:40
5,000	5	00:50
6,000	6	01:00
7,000	7	01:10
8,000	8	01:20
9,000	9	01:30
10,000	10	01:40
11,000	11	01:50
12,000	12	02:00
13,000	13	02:10
14,000	14	02:20
15,000	15	02:30
16,000	16	02:40
17,000	17	02:50
18,000	18	03:00
19,000	19	03:10
20,000	20	03:20



For the diffusion of insecticide products from the OXY'PHARM range, which are less fluid products than disinfection products, the diffusion time will be automatically increased by 20%.

## 11. RECYCLING

### IMPORTANT INFORMATION FOR ENVIRONMENTALLY SOUND DISPOSAL



This product is subject to the separate collection of electrical and electronic equipment in compliance with Directive 2002/96/EC (applicable in member countries of the European Union and other European countries with selective collection systems.)

The symbols that feature on the device indicate that, once it has reached the end of its lifespan, **the device must be disposed of separately from household waste.**



The device should be entrusted to a selective sorting centre for electrical and electronic devices, or returned to the retailer when purchasing a new device.

The user is responsible for the return of the device at the end of its lifespan to the appropriate sorting organisation or to a duly authorised company, under penalty of the sanctions provided for by legislation concerning waste disposal. The disposal of the used consumables must be managed in compliance with local regulations pertaining to waste management.

The selective sorting performed before recycling and the processing and disposal of the used device in an environmentally sound manner help avoid harmful consequences for the environment and health, and encourage the recycling of the materials that the device is made from.





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