

# ECLIPSE PRO

EN Instruction Manual



YOUR NEW

# ECLIPSE PRO

The Eclipse Pro has been designed with hi-performance, quick and efficient odour removal in mind. With its unique design feature of an automatic residual ozone destruct system in-built as standard, this machine is perfect for care homes, hotels, student accommodation and holiday lodges to name but a few.

Initially, the Eclipse Pro produces a specific amount of ozone dependent on the flexible cycle time that is chosen. The ozone will neutralise odours and pathogens in the air and on nearby surfaces by breaking down their molecular structure. The final stage of the treatment process is where the ozone destruct cycle gets to work in converting any residual ozone back into oxygen meaning that a room can be safely occupied again.

Your Eclipse Pro ensures that problematic odours are destroyed and not masked, which ultimately is all that scented air fresheners will do. An added benefit of the Eclipse Pro is that it does not use harmful chemicals and the ozone produced will freshen those difficult to reach areas within a facility.

We are delighted that you have chosen the Eclipse Pro as your odour control partner and are sure that you will be delighted with your purchase.

For further information about this or any other products/services, please visit our website: [www.ozofresh.co.uk](http://www.ozofresh.co.uk)

## DECLARATION OF CONFORMITY

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Model No. Eclipse Pro. This unit fully complies with CE rules of EMC regulations: EN 61000-61, EN 61000-63, EN 61000-32, EN 61000-33.

The Eclipse Pro is for indoor use only and the instructions of use and warnings are supplied within the instruction manual/ on the machine itself. The instruction manual provided includes the mandatory information including the suppliers name, CE marking, fuse, voltage & current ratings.

The Eclipse Pro is RoHS compliant (Restriction of Hazardous Materials).

## UNPACKING YOUR ECLIPSE PRO

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At all times, your Eclipse Pro should ideally be standing upright to preserve the life of the machine. We recommend that you immediately check your machine to ensure that there are no signs of damage. Ensure that all parts are secured tightly prior to attempting to use your machine. If there are any signs of damage, please contact your supplier immediately for advice/ further action.

Your Eclipse Pro should arrive with the following items as well as the machine itself: -

- Power Cable
- Instruction Manual

If any of the above items are missing, then please contact your supplier immediately.

We recommend that you store your Eclipse Pro in the box that it comes in when not in use to preserve the life of the machine and to prevent accidental damage.

The Eclipse Pro comes with a 2-year manufacturer's warranty (subject to terms and conditions). The warranty does not cover mis-use or abuse.

## SAFETY AND PRECAUTIONS

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1. This machine is intended for Commercial/Industrial & Domestic users only. Any other user should seek advice from an expert before considering using the machine. All users of the Eclipse Pro should assume full responsibility for the correct use as well as any damage or injury that may arise through its incorrect use.
2. DO NOT expose your Eclipse Pro to rain or moisture. Should any water or other liquid come into contact with the machine, unplug it immediately and have it checked/serviced by qualified personnel prior to further use.
3. DO NOT handle the machine with wet hands whilst it is connected to a power supply.
4. DO NOT enter a room that is being treated during the operating cycle. Place warning signs on doors to prevent others from entering the area being treated.
5. DO NOT unplug the machine from the mains socket before the operating cycle has been completed.
6. DO NOT block any of the vents on the machine or place the machine close to items that may block the air flow to the vents. Ideally, place the machine on a table in the middle of the area to be treated.

## **SAFETY AND PRECAUTIONS**

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7. Once you have selected the time cycle for your chosen treatment, please ensure that all persons leave the room immediately.
8. Ensure that your Eclipse Pro is unplugged from the power source when not in use and store the machine in a dry, clean & lockable environment to prevent damage/mis-use.
9. Staying in a room during the treatment cycle could be hazardous to your health and any other person's present.
10. All users should fully acquaint themselves with the contents of the safety data sheet, which forms an integral part of the operating procedures for the machine.
11. Keep the machine out of reach of children.
12. Items made of natural rubber may degrade in the presence of ozone. We recommend that if there is any doubt that an item contains rubber, then this is removed prior to treating an area with ozone.

## **SAFETY AND PRECAUTIONS**

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### **AVOID ELECTRIC SHOCK**

Your Eclipse Pro is supplied with an earthed cable as standard. **WARNING** attempting to bypass the earth or to connect the unit to an unearthed socket is prohibited and is highly dangerous.

The machine comes with a fuse which will automatically operate in certain conditions. Tampering with the fuse in order to prevent its intended automatic operation is strictly prohibited and is highly dangerous.

Any maintenance operations should only be undertaken when the machine is disconnected fully from the power source.

### **PLEASE NOTE**

There are no parts inside your Eclipse Pro that are serviceable by the user. Removing parts, unless qualified to do so, will void the warranty of your machine.

## TECHNICAL SPECIFICATIONS

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**Ozone output:** 10000mg/hr

**Dimensions:** 460 x 157 x 157mm

**Weight:** 7kg approx.

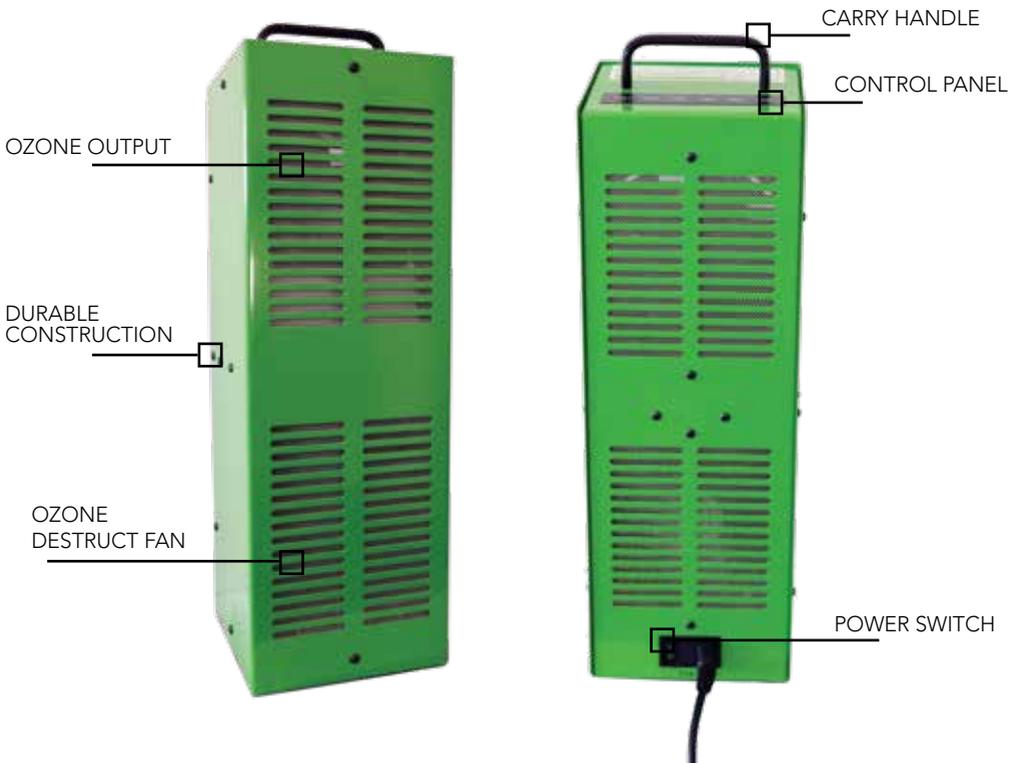
**Mains supply:** 230V/50Hz/140W via mains switch, with fuse and detachable IEC mains cable

**Fan Airflow (Ozone):** 305m<sup>3</sup>/hr

**Fan Airflow (Destruct):** 305m<sup>3</sup>/hr

**Coverage:** 200m<sup>3</sup>

Specification and colour of the product may change without prior notice unless previously agreed.



## OPERATING INSTRUCTIONS

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Your Eclipse Pro has been designed to enable simple and trouble free operation. The main control features are on the top panel of the machine, via the numbered buttons.



### How to set a cycle

1. Place the machine on a flat level surface, ideally a table, in the centre of the area to be treated whilst ensuring no obstructions to the airflow around the machine.
2. Remove any combustible materials, liquids or gases from the vicinity of the machine.
3. Ensure ALL external doors/windows are closed, except for the door that you will exit the room through.
4. Connect the power cable to the machine and plug into the mains socket.
5. Switch the unit on at the base/rear of the machine. Blue lights on the top panel numbered buttons will illuminate.

6. Choose your time cycle by pressing the appropriate button on the top panel numbered buttons. The length of cycle selected depends on the size of the room and degree of odour contamination.
7. The chosen time cycle button will remain lit and the machine will start to generate ozone immediately.
8. **WARNING** leave the room immediately, close the door and place a warning sign on the door.

### **How to change the cycle**

If you need to change the time cycle of the Eclipse Pro simply press the button for the correct time.

**Please note:** if you have already left the room and started the machine, we recommend that you do not return until the initial cycle is finished.

### **How to stop the cycle**

From time to time, you may wish to stop the machine from operating during the cycle time selected. Simply press the numbered button of the chosen cycle and this will stop the machine.

### **WARNING**

We would advise against entering the room during operation as it could be unsafe to do so. Ideally, you should wait until the full cycle has completed even if you wish to change the cycle time.

## How to carry out additional destruct cycle

Occasionally, even after a full cycle, there may still be a residual smell of ozone in the air. A slight smell is normal but if it is too strong, it may be necessary to carry out a further destruct only cycle. To do this, simply press the 15 & 30 buttons together on the top panel. Once the destruct only cycle has started it is recommended that you leave the room until the cycle has completed.

Please note: you must press the 15 & 30 buttons at the same time. In the destruct only cycle you will notice that the machine does not make the distinctive 'hissing' noise it makes when producing O<sub>3</sub>

## Operating times

Choosing an operating time for your Eclipse Pro is very much dependent on the size of the room to be treated, degree of odour within the room, level of soft furnishings and ventilation within the room. Below we offer you a rough guideline to assist with your choice:

Cycle Time (mins)	Approx. Room Size (m <sup>3</sup> )
15	45m <sup>3</sup>
30	65m <sup>3</sup>
45	95m <sup>3</sup>
60	120m <sup>3</sup>
90	160m <sup>3</sup>
120	200m <sup>3</sup>

Where room temperature exceeds 30°C, or when humidity is over 75%, the treatment time should be extended.

Please call your supplier if you require advice on the cycle time selection.

## MAINTENANCE & SERVICING

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To maintain the warranty and expected life-time of your Eclipse Pro, we recommend a preventative maintenance inspection annually. This will also ensure trouble free operation of the machine.

We offer a 'back to base' service option whereby you simply courier the machine back to our premises and we will service and clean the unit before sending back to you. We aim to deliver this service within 48 hours.

If you are a qualified technician and wish to carry out maintenance or cleaning yourself, then we would recommend that you contact your supplier before attempting to do so. You should be aware that this could invalidate your manufacturer's warranty and is carried out entirely at your risk.

## ECLIPSE PRO BUTTON FUNCTION TESTING

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You can test the functionality of your Eclipse Pro to ensure you are getting the best from the machine. Below is a list of functionality tests: -



Complete cycle time selection in minutes.



Destruct Only / Test Destruct Fan (bottom).



Ozone Only / Test Ozone Generator & Ozone Fan (top).







FRESH AIR ON DEMAND.



Watchman Ozone T/A Ozofresh  
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