Sterisafe *Mini*

Ozone System Instruction Manual

Ozone generator with integral ozone destruct for the sanitisation of air and surfaces.
Internal applications only

Registered with the European Chemicals Agency (ECHA) under Article 95 of the Biocidal products Regulation.
Notified under PCS 100967 Department of Agriculture, Food and the Marine (Ireland)

Contents

Description and Overview

- Ozone is one of the most powerful oxidants commercially available. It is this oxidation property of ozone that enables the ozone molecule to have biocidal effect.
- Ozone is naturally occurring and is created by UV light from the sun reacting with oxygen in the atmosphere (the ozone layer), during a thunderstorm when lighting reacts with oxygen in the atmosphere.
- The gas is colourless
- The Pro3tec uses oxygen (o2) from the atmosphere, applies an electrical charge that splits the oxygen molecule which then recombines to form the unstable molecule ozone (o3).
- As Ozone is an unstable molecule it will eventually reverts back to oxygen. As the level of ozone used for disinfection is above the occupational exposure limits an ozone destruct unit integral to the Pro3tec accelerates the ozone conversion back to oxygen. This makes the time taken for the biocidal process to be quicker and safer.
- As the level of ozone produced is above the occupational exposure limits people and pets should not be present in the room when the treatment takes place.
- The Protec is equipped with a remote safety device that indicates when the treatment has been completed and it is safe to enter the treated area.
- When ozone is used in the treatment of a room it will react with materials in the room (disinfection by products). This is particularly evident in areas with high VOC content e.g. cars (new car smell). The Pro3tec has a high density carbon filter that removes particulates to 2.5 µm which are harmful and created during the disinfection process.
- The Pro3tec is equipped with two fans 1/. Ozone generation and 2/. Ozone destruct. This increases the amount of ozone produced as running ozone with the destruct ‘in play’ reduces the amount of ozone produced.
- The Pro3tec is easy to handle with a total weight of 15kg. Wheels are also in position to assist the mobility of the generator.
- Ozone Industries has access via shared ownership of an Ozone Dossier registered with ECHA the European Chemicals Agency (a copy of our certificate is on the following page). As a biocide all applications will need to be approved by ECHA. Generators not going through the approval process will need to be removed from the market.
    - To obtain approval for this application there are two main features of the regulation
    - It is safe when used, this covers two main aspects:
        - Occupational exposure
        - Creation of disinfection by-products
    - It does what you claim
    - Whilst ozone is going through the approval process at an EU level National rules apply. In Ireland a notification of supplying a biocide is required during this transition period. It is recommended that with purchase of an ozone generator you request a copy of either the shared ownership certificate or a Letter of Access to ensure the product is going through the approval process.

EUO3TA.org
European Ozone Trade Association®

Sterisafe UK Unit C Fairways House Fortran Road St MellonsCardiff CF3 OLT Tel: 03302234350

This Declara□on of ownership of data and access rights is valid from the date given below *(Full Terms and Conditions are available)* and not Transferable. It does not cons□tute a Le□er of Access but it does confirm that:

Ozone Industries Ltd.

is a full member of the European Ozone Trade Associa□on (EuOTA) and is a co-owner/and/or has a rights of access to the EuOTA Ozone Ac□ve Substance Biocide Dossiers. As listed by ECHA under Ar□cle 93.

EuOTA Membership Number: O0-01-16

EuOTA LoA Certificate Number:
Not Applicable

Date of Certificate:07/07/2017

Substance: Ozone

EC No. 233-069-2 CASNo.10028-15-6

The Biocidal Products Regula□on (EU) 528/2012 (BPR) came into force on 1 September 2013 repealing the Biocidal Product Direc□ve (Direc□ve 98/8/EC). From 1 September 2013, Ozone is regulated as an "Ac□ve Substance" under the BPR.

Following Ac□ve Substance approval under the BPR, any Company that wishes to place a biocidal product on the market which contains ozone generated in-situ within the EU or EFTA must have its product authorised in accordance with the BPR. This process first requires a dossier on the ac□ve substance or a Le□er of Access to an "Ac□ve Substance" dossier from a dossier owner in respect of Ozone and therea□er a specific applica□on for each product to be Authorised for sale and use within the EU or EFTA. Companies without such a le□ers of access cannot support their products for future Authorisa□on.

Details of the BPR can be found on the European Chemicals Agency ECHA) website:
https://echa.europa.eu/regulations/biocidal-products-regulation

Ozone Industries Ltd. as a Full Member of EuOTA and a co- owner of The European Ozone Trade Associa□on Limited Ac□ve Substance Dossiers for Product Types 2, 4, 5 and 11 en□tled, "Ozone generated from oxygen (generated from ambient air, water or pure oxygen not supplied with the inten□on to generate ozone for a biocidal use)" that has been submi□ed to The Netherlands Competent Authority (Ctgb) (August 2016).

Once Ozone is approved only products that have an Ac□ve substance dossier or a Le□er of Access to an Ozone Ac□ve Substance Dossier can con□nue to be placed on the European Market. This cer□ficate confirms that Ozone Industries Ltd. has access to the Ac□ve Substance dossiers for Ozone.

Signature: EuOTA

Signature: Ozone Industries Ltd.

Technical Specification Description

Warning LEDs

Control Panel

Ozone Out

Ozone Destruct Catalyst

Warning LEDs

Control Panel

Power Connection

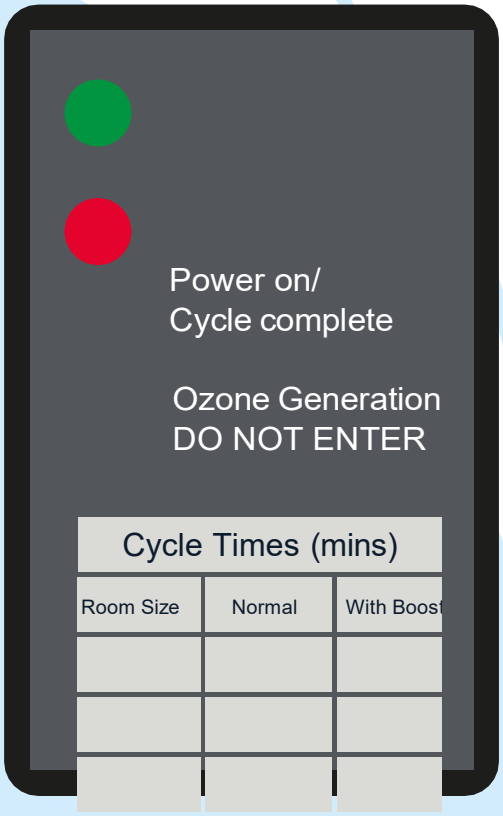
Remote LED Connection

Ozone Out

Ozone Destruct Exhaust

Unit 3. Regents Court, South Way, Walworth Business Park, Andover, Hampshire, SP10 5NX
01264 369923 | info@ozone-industries.co.uk | www.ozone-industries.co.uk

Mini



OZONE GAS
NO ENTRY IF
LIGHT IS FLASHING

Warning Sign

Remote Indicator

Sterisafe UK Unit C Fairways House Fortran Road St Mellons Cardiff CF3 OLT Tel: 03302234350

Control Panel

Technical Specification

Ozone	10gm nominal
Ozone destruct	Treated Carbon
Dimensions	730mm (H) 330mm (W) 330mm (L)
Weight	c15kg
Material of construction (Frame)	Powder coated aluminium
Voltage	230v
Hz	50-60 Hz
Watts	350w
Airflow (Ozone)	300 cfm (cubic feet per minute)
Airflow (Destruct)	323 m3 hr nominal
Controls	Digital HMI board
Indicators	Blue LEDs
Indicators remote	Red LED (in operation), Green LED (safe entry)

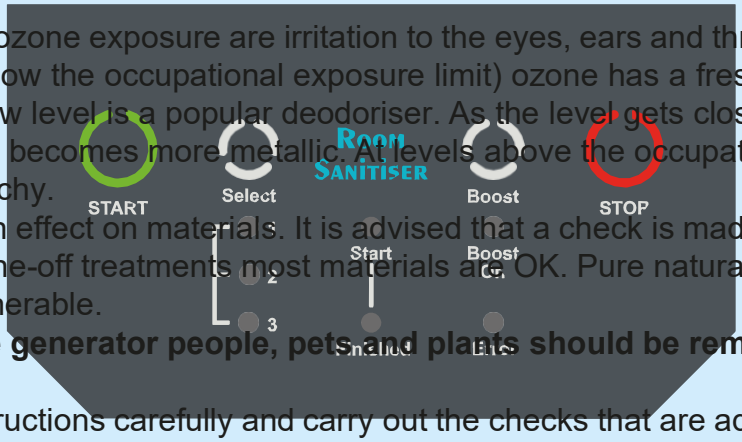
Operating Conditions

Indoor use only	
Application as per product types 2 and 4	(Refer to European chemicals agency)
Operating temperature -5°c - +40°c	
Relative humidity up to 90%	

Health and Safety

Read the following safety instructions carefully. If unsure how to use contact your supplier.

1/. The occupational exposure limits vary throughout Europe. In the UK the occupational exposure is 0.2ppm. Levels above this then have a time weighted average of 15 minutes. In Ireland the level is very similar. 0.05ppm for high respiration areas, 0.1ppm for medium respiration areas, 0.2ppm for low respiration rates.
2/. The level of ozone produced for disinfection is a function of many factors, room size, temperature, and humidity, what is in the room (surface areas). The level of ozone produced is significantly above the Occupational exposure limits.
3/. The specific hazards of ozone are detailed in the **Appendix Safety Data Sheet (SDS)** at the end of this manual.
4/. The main symptoms of ozone exposure are irritation to the eyes, ears and throat.
5/. At low ozone levels (below the occupational exposure limit) ozone has a fresh clean smell. One of the reasons ozone at low level is a popular deodoriser. As the level gets close to the Occupational exposure limit the smell becomes more metallic. At levels above the occupational exposure level it becomes distinctly bleachy.
6/. Ozone can also have an effect on materials. It is advised that a check is made before applying the ozone generator. For one-off treatments most materials are OK. Pure natural rubbers such as Latex are however, vulnerable.
7/. When using the ozone generator people, pets and plants should be removed from the room.
8/. Read the operation instructions carefully and carry out the checks that are advised within those instructions.
9/. An explanation of the labelling and classifications marked on the Pro3tec system is given at the appendix at the end of this Manual.



User Instructions

1/. Check room is not occupied (no people, pets or plants). The room should be relatively air tight ie check no windows, air extraction or doors are left open.

2/. Position the Pro3tec as close as possible to the centre of the room. Power up Sanitiser and connect the remote indicator (green light should be showing). The blue LEDs will light, but not flash

3/. Select room Size for treatment

SETTING
1. Areas up to 50 m3
2. Areas up to 100 m3
3. Areas up to 200 m3

Setting	Ozone (minutes)	Destruct (minutes)	Total (minutes)
1	3	42	45
2	15	105	120
3	30	150	180

4/. Select ‘Boost’ for a more intense treatment

- If Boost is selected the ozone time is multiplied by 4 and the destruct time by 2

5/. Press ‘Start’ to begin the cycle

6/. The ‘Start ‘ LED on the control Panel and the Blue LEDs will flash to indicate the process has started

7/. You have one minute to leave the area

8/. Take the remote indicator to an area that is visible. This could be inside or outside of the room. Fix the hazard warning sign to all entry points to the area to be treated.

9/. The remote indicator will turn red during the ozone cycle and the destruct cycle,

10/. When the remote indicator turns Green the cycle will have finished and it will be safe to enter the treated room. If the remote indicator is not used the blue LEDs will stop flashing at the end of the cycle.

Training

The Pro3tec 10 has been designed for professional use. It is conditional on the supply of the Pro3tec that the end user has received training on its use.
Training is carried out via a webinar and covers all the points raised in this manual.
A training certificate will be issued to the person(s) trained and to the Company they represent. An example is shown in the appendices of this manual.

CE

The Pro3tec 10 generator is manufactured in the UK.
The unit complies with EN Standards, CE regulations and the requirements of the Low Voltage Directive
EN61000-61
EN61000-62
EN 5601
Low Voltage directive 72/23/EEC

SECTION 1 Identification of the substance / mixture and of the Company Undertaking

1.1 Product identifier:

Ozone
Triatomic Oxygen, Trioxygen, O3

Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses:	Biocidal products (Product types 2 and 4)
Uses advised against:	All other product type applications.

1.2 Details of the supplier of the SDS:

Supplier name:	Ozone Industries ltd
Supplier address:	Unit 3 Regents Court, South Way, Walworth Business Park, Andover, Hampshire, UK SP105NX
Supplier telephone number:	+44 (0)1264 369923
Supplier email address:	info@ozone-industries.co.uk
Manufacturer name:	Ozone Industries ltd.
Manufacturer address:	Unit 3 Regents Court, South Way, Walworth Business Park, Andover, Hampshire, UK SP105NX
Manufacturer telephone number:	+44 (0)1264 369923

1.3 Emergency telephone number:

0044 (0)7710-740254

SECTION 2 Hazards identification

2.1 Classification of the substance/ mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Oxid. Gas 1; H270:	May cause or intensify fire; oxidiser
Acute Tox. 1; H330:	Fatal if inhaled.
Skin Irrit. 2; H315:	Causes skin irritation.
Eye Irrit. 2; H319:	Causes serious eye irritation.
Acute Tox. 1; H330:	Fatal if inhaled.
Muta. 2; H341:	Suspected of causing genetic defects; Inhalation
STOT Single Exp. 3; H335:	May cause respiratory irritation; lungs, bronchus
STOT Rep. 1; H372	May cause damage to organs through prolonged or repeated exposure Lungs and Bronchus.
Aquatic Acute 1; H400:	Very toxic to aquatic life.; M Factor 10
Aquatic Chronic 3; H412:	Very toxic to aquatic life with long lasting effects.

SECTION 3 Composition/information on ingredients

3.1 Substance: Ozone

3.2 Mixture: Not applicable

Chemical Name	CAS No.	Weight-%	Classification
Ozone	10028-15-6	100	Oxid. Gas 1; H270 Acute Tox. 1; H330 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 1; H330 Muta. 2; H341 STOT Single Exp. 3; H335 STOT Rep. 1; H372 Aquatic Acute 1; H400: Aquatic Chronic 3; H412

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures:

General advice: Use first aid treatment according to the nature of the injury. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt, seek medical advice.

Following inhalation: Move victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Following skin contact: Wash immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

Following eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Following ingestion: Not applicable

Protection of first aiders: First aider: Pay attention to self-protection. Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8.
See Section 11: TOXICOLOGICAL INFORMATION

4.2 Most important symptoms and effects, both acute and delayed:

Symptoms: Skin and eye irritation. Difficulty breathing.
Effects:

4.3 Indication of any immediate medical attention and special treatment needed:

Notes to physician: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Do not use a strong water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture:

None

Hazardous combustion products:

None specified

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and full protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Employ good industrial hygiene practice.

6.2 Environmental precautions:

Prevent further leakage if safe to do so.

6.3 Methods and material for containment and cleaning up:

None

6.4 Reference to other sections:

None.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Employ good industrial hygiene practice. Avoid breathing gas. Avoid Eye contact. Avoid prolonged contact with skin. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Keep from freezing. Keep containers tightly closed in a dry, cool and well ventilated place. Avoid contact with: Strong oxidizing agents. Strong acids. Strong bases.

7.3 Specific end use(s):

-

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Exposure Limits:	Limit values (ppm) - Eight hours TWA 0.05 (1) 0.08 (2) 0.10 (3) 0.20 (4) (1) Heavy works (2) Moderate works (3) Light works (4) Heavy, moderate or light works (<=2h)
DNELs:	No data available.
PNECs:	No data available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas. Use ozone destruction units (thermal and/or catalytic) for off gassing ozone.

8.2.2 Personal protection equipment:

Avoid contact with eyes – no specific PPE recommendations. Avoid prolonged contact with skin – no specific PPE recommendations. Use full face self-contained breathing apparatus for entering areas with high concentration of ozone.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance (colour, physical form, shape):	Colourless to blue gas
Odour:	Pungent
Odour threshold:	0.020 ppm
pH:	Not applicable
Melting point/freezing point:	193°C
Boiling point/range:	112°C
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability (solid/gas):	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Density:	1.66
Solubility(ies):	5 mg/L at pH 7 and 20°C water solubility
Partition coefficient:	n-octanol/water: Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not applicable
Viscosity:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Classified Cat 1

9.2 Other information:

Other physical parameters:	Not applicable
Transformation / Dissolution:	Not applicable
Physical hazards:	Not applicable
Justification for data waiving:	Not applicable
Assessment / Classification:	Not applicable

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity:

Ozone is an unstable gas, which decomposes to oxygen at room temperature.

10.2 Chemical stability:

Not applicable

10.3 Possibility of hazardous reactions:

Hazardous polymerization does not occur.

10.4 Conditions to avoid:

May cause or intensify fire, oxidiser.

10.5 Incompatible materials:

Not applicable

10.6 Hazardous decomposition products

Not applicable

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects: Not a toxic material. This is a food ingredient.

Acute Toxicity:	LC50: mice, 12.6 ppm for 3 hours; hamsters, 35.5 ppm for 3 hours
Skin corrosion/irritation:	Classified H315
Serious eye damage/irritation:	Classified H319
Skin sensitisation:	Not classified
Germ cell mutagenicity:	Classified H341
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	H335: May cause respiratory irritation; lungs, bronchus.
STOT-repeated exposure:	H372: May cause damage to organs through prolonged or repeated exposure; lungs, bronchus.
Aspiration hazard:	Not classified
Information on likely routes of exposure:	Not classified
Delayed and immediate effects:	Not classified
Interactive effects:	Not classified

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	Aquatic Acute 1; H400: Very toxic to aquatic life.; M Factor 10 Aquatic Chronic 3; H412: Very toxic to aquatic life with long lasting effects.
Persistence and degradability:	Not applicable
Bioaccumulative potential:	Not applicable
Mobility in soil:	Not applicable
Other adverse effects:	Not applicable

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Off-gassing of ozone should be through an ozone destruction unit which uses heat and/or a catalyst to accomplish the break- down of ozone to oxygen before release into the atmosphere.

13.1.1 Product / Packaging disposal:	Not applicable
13.1.2 Waste treatment relevant	

SECTION 14 TRANSPORT INFORMATION

14.1 UN number:	Not applicable
14.2 UN proper shipping name:	Not applicable
14.3 Transport hazard class(es):	Not applicable
14.4 Packing group:	Not applicable
14.5 Environmental hazards:	Not applicable
14.6 Transport in bulk according to Annex II of MARPOL 73/78 and IBC code:	Not applicable
14.7 Special precautions for user:	Not applicable

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations: REACH - Regulation EC No. 1907/2006
CLP – Regulation EC No. 1272/2008

15.1.1 National regulations:

None known

15.2 Chemical Safety Assessment:

Not applicable

SECTION 16 OTHER INFORMATION

16.1 Indication of changes:

Date of Issue: 27 November 2020 Revision Date: - Revised sections: -

16.2 Abbreviations and acronyms:

CAS – Chemical Abstract Service
CLP – Classification, Labelling and Packaging Regulation (EC) No. 1272/2008
EC – European Commission
IBC – Intermediate Bulk Carrier
MARPOL – International Convention for the Prevention of Pollution from Ships
REACH – Registration, Evaluation, Authorisation, and restriction of Chemicals - Regulation (EC) No. 1907/2006
BPR – Biocidal Products Regulation (EC) No. 528/2012
STOT– Specific Target Organ Toxicity

16.3 Key literature references and sources for data:

Information is based on information taken from the upstream supplier SDS.

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

The classification of this product has been assessed in accordance with Annex I of Regulation (EC) No. 1272/2008.

16.5 Relevant H-statements and P- statements (number and full text):

No additional statements

16.6 Training advice:

Not applicable

16.7 Further information:

Not applicable

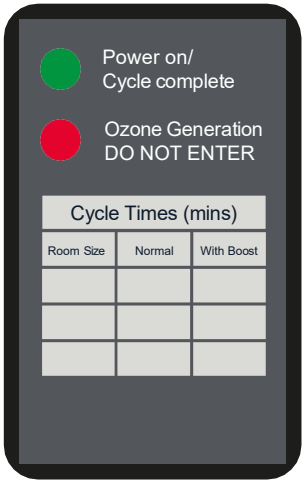
16.8 List of uses for which an exposure scenario is provided as an annex:

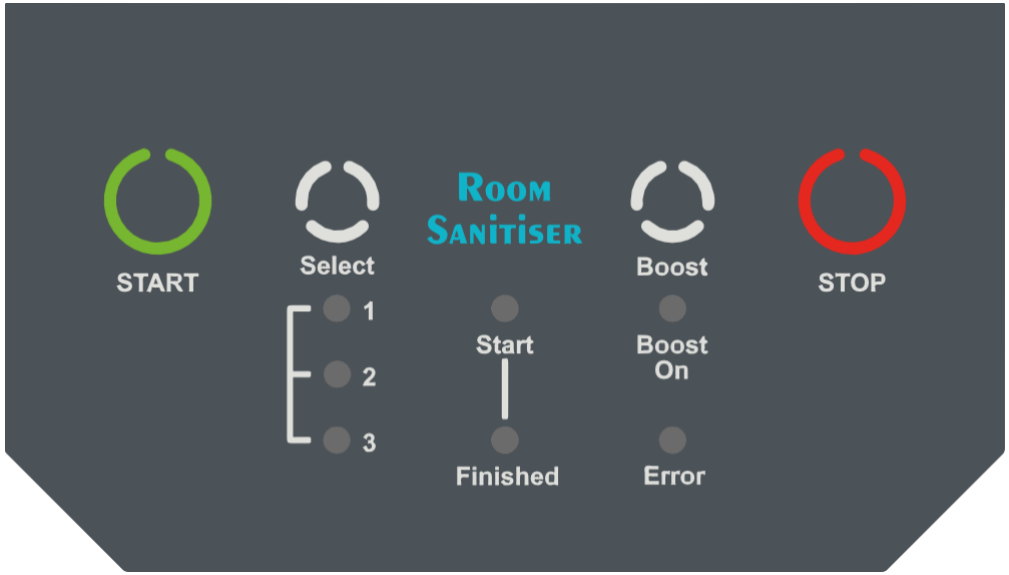
Not applicable

16.9 Disclaimer:

Ozone industries provides this information in good faith and makes no claim to its comprehensiveness or accuracy.

OZONE GAS
NO ENTRY IF
LIGHT IS FLASHING





LABELLING ACCORDING TO REGULATION (EC) N. 1272/2008

Hazard pictogram(s):	
Signal Word:	Danger
Hazard statement(s):	Oxid. Gas 1; H270: May cause or intensify fire Acute Tox. 1; H330: Fatal if inhaled Skin Irrit. 2; H315: Causes skin irritation and Eye Irrit. 2; H319: Causes serious eye irritation Aquatic Chronic 3; H412: Very toxic to aquatic life with long lasting effects Aquatic acute 1; H400: Very toxic to aquatic life.; M Factor 10 STOT Single Exp. 3; H335: May cause respiratory irritation; lungs, bronchus STOT Rep. 1; H372: May cause damage to organs through prolonged repeated exposure; lungs, bronchus
Precautionary statement(s):	P260 Do not breathe gas. P220 Keep away from clothing and other combustible materials. P280 Wear protective gloves/protective clothing/eye protection/face protection. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P310 Immediately call a POISON CENTER/doctor. P273 Avoid release to the environment.
Supplemental information:	EUH071: Corrosive to the respiratory tract
PCS No.100967	The ozone generated from this device has been notified as a biocidal product to the department of Agriculture, Food and the Marine under PCS No. 100967

PLEASE REFER TO PRODUCT MANUAL AND SAFETY DATA SHEET BEFORE OPERATION. A COSHH & RISK ASSESSMENT IS PROVIDED IN THE CLIENT MANUAL FOR YOUR INFORMATION

COSHH

This document provides a summary of information to staff in accordance with COSHH Regulation 12, The contents must be strictly complied with and adhered to.

1. COSHH Ref. No.	Title of process/ activity	Product/ substance(s)	MSDS Ref. No.
Pro3tec	Use of Pro3tec sanitiser for decontamination/ deodorising areas	Ozone	N/A

2. Process Description

The Sanitiser is positioned in prepared room and decontamination cycle is selected according to the room size and local conditions. Ozone is generation in situ and on completion the unit decomposes ozone leaving an area safe to enter again.

3. WEL: Workplace Exposure Limits: Reference HSE Publication EH40/2005

Substance(s) involved:	LTEL	STEL
Ozone	N/A	0.2PPM

4. Nature of Exposure:		Description of hazard to health
Inhalation	√	Irritating to respiratory system. May cause headache and dryness to the throat and nose.
Ingestion	√	Not an expected route of delivery.
Eye Contact	√	Irritant to the eyes.
Skin Contact	√	Mild irritant to the skin although not expected route of entry.

5. Control-measures implemented, including Personal Protective Equipment to be used:

Room is sealed and entry is prevented during operation of the sanitiser. Re-enter only after the cycle has finished and 30 minutes has passed (recommended).

6. Details of Handling and / or Wast Disposal requirements:

Ozone is unstable and rapidly decomposes to oxygen. Therefore ozone cannot be stored. Avoid contact with oxidisable materials, powerful reducing agents and heat or flame.

7. Staff training requirements

Staff to be fully trained and competent to carry out task. Training records to be kept up to date. Staff to be in posession of and fully conversant with all Health and Safety information given in the Pro3tec manual

8. Emergency and First Aid Treatment

If a person is overcome by ozone, the following precautions should be adopted

Inhalation	Remove to a warm uncontaminated atmosphere and loosen tight clothing at neck and waist. Seek medical attention immediately.
Eyes	Immediately flush eyes with water for 15 minutes. Seek Medical attention immediately.

RISK ASSESSMENT

HAZARD	AT RISK	CONTROL MEASURES			PROBABILITY OF WORST CASE OUTCOME			
Hazard from:	**Who is at risk:**	**Control By: Training, Supervision, Safety Equipment, Health Monitoring, Safe Working Procedures, Hygeing, etc.**	**Existing**	**Proposed**	**Possible outcome**	**Likelihood**	**Risk**	**Action level**
Pro3tec 10 - generation of ozone	Technical staff Sanitiser operating personnel	All operatves will receive instruction and training before use.	√		**Main health effect:**	**Unlikely**	**Low**	**On going**
		Staff to be trained in the correct procedures in the event of a machine fault.	√		Irritation of the mucus membranes of the upper respiratory tract.	√		
		The sanitiser to be checked and serviced every 500 hours or more by trained specialist engineers.	√		Irritant to the eyes and mild irritant to skin	√		
		Areas being treated should be clearly indicated with caution signs.	√	√				
		Staff need to be fully conversant with the contents of COSHH assessment.	√					

Certificate of Completion

CUSTOMER COMPANY LOGO

Ozone System Operating Training

Date of Training: _____ Trained By: _____

Name:		Signed:	
Name:		Signed:	
Name:		Signed:	
Name:		Signed:	
Name:		Signed:	