GOLDENSEA UV

USER GUIDE

USER GUIDE- WARNINGS

Improper use of this product may cause damage to skin and eyes

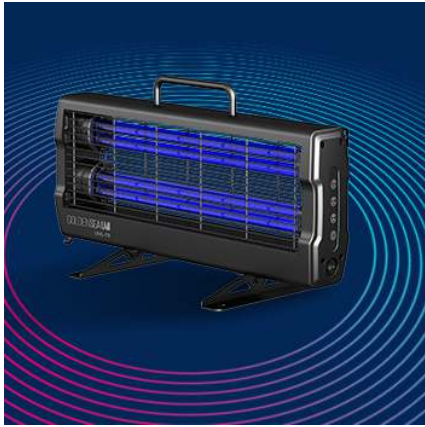This device may only be used by trained personnel

Before operating this product the operator must read the user guide and be aware of all the risks associated with this product and best practices for using it

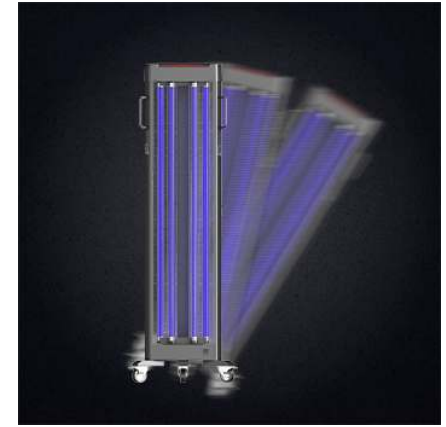Never enter the disinfection area when the product is in operation and the red LED is illuminated

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SAFETY BY DESIGN
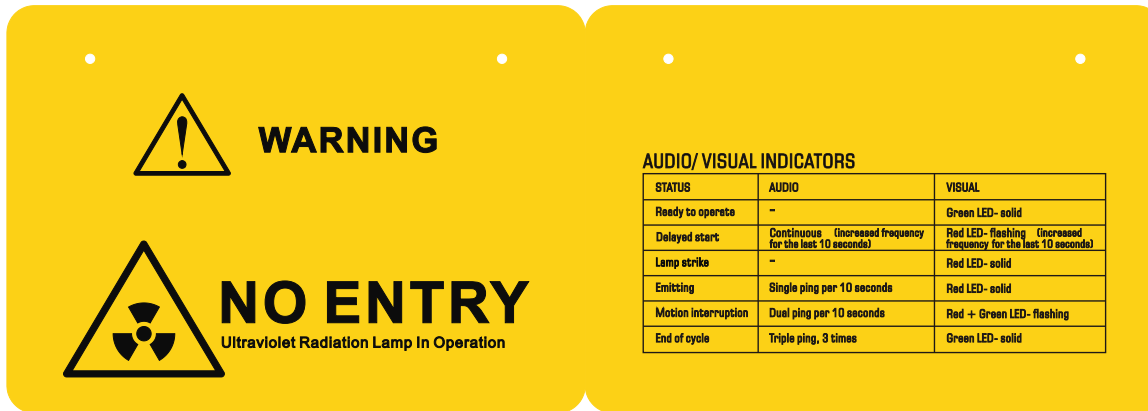
Motion Detection

Audible/ Visual Alarms

Delayed Start Time

Fall Auto Protect*

*UVS4, UVP36, UVM216, UVM432, UVAIR216 are fitted with this sensor

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SAFETY BY DESIGN

WARNING

NO ENTRY
Ultraviolet Radiation Lamp In Operation

AUDIO/ VISUAL INDICATORS

STATUS	AUDIO	VISUAL
Ready to operate	–	Green LED- solid
Delayed start	Continuous (increased frequency for the last 10 seconds)	Red LED- flashing (increased frequency for the last 10 seconds)
Lamp strike	–	Red LED- solid
Emitting	Single ping per 10 seconds	Red LED- solid
Motion interruption	Dual ping per 10 seconds	Red + Green LED- flashing
End of cycle	Triple ping, 3 times	Green LED- solid

Included Warning Sign

Included UV Safety Glasses

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SAFETY BY DESIGN

EVEN THOUGH ALL GOLDENSEA UV PRODUCT HAVE BUILT IN SAFETY FEATURES IT IS ESSENTIAL THAT ALL OPERATORS AND COMMERCIAL REPRESENTATIVES UNDERSTAND THE BEST PRACTICES AROUND USING THESE PRODUCTS!

USER GUIDE- PREPARE

- Ensure unit is on a stable surface or properly wall mounted

- Confirm disinfection area is clear of **LIVING BEINGS PRIOR TO PROCEEDING**

- Wear the supplied UV glasses

- Place supplied warning sign on outside of door and use use additional signs if required

- Confirm there is a clear path to the exit

- Know how long you have to exit the area after starting the cycle (page 15)

- Identify and plan to cover significant gaps at doors to disinfection area

- Locate the remote control and keep it on your person

- It is best practice to wear tightly woven clothing covering all exposed skin and nitrile gloves

USER GUIDE- SETUP

1. Plug the unit into an electrical outlet, do not modify/ alter the electrical connection of the product in anyway

2. Turn on the product by setting the I/0 rocker switch to I. The green LED will illuminate. The UVC tubes are NOT illuminated at this time

3. Where possible use the included remote control and move to the door in preparation for activation

4. Select the appropriate disinfection time by pressing the relevant button

5. Before pressing start ⏻ reassess the area, make sure there are no living beings in the area and that your path to exit is clear

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USER GUIDE- ACTIVATE

1. Press the start button ⏻

2. Once the start button is pressed an audible alarm will sound and a red LED light will flash for the duration of the delayed start time

3. **YOU MUST EXIT THE DISINFECTION AREA IMMEDIATELY**

4. Once the delayed start time has ended, the tubes will activate and the red LED light will illuminate for the duration of the disinfection process

5. During emission there will be an audible ping every 10 seconds until the emission time is over

USER GUIDE- END OF CYCLE

1. Once the disinfection process has ended, the red LED light will turn off and be replaced by the green LED light. This will indicate that it is now safe to enter the room

2. Upon entering the room, open windows to ventilate area
   1. You may encounter an unusual smell which is a normal result of the disinfection process and is not harmful

3. If using a mobile product return the unit to its safe storage location

4. Remember to return the UV Warning Sign, Remote control and UV Glasses to their storage location

USER GUIDE- INTERRUPTION OF CYCLE

1. If the disinfection cycle is interrupted due to the motion sensor being activated, the unit will sound an alarm tone until an operator resets the unit
   1. The unit may be reset by selecting the relevant timing cycle followed by the start button ⏻
   2. The unit will now go through the delay start process and then begin the cycle
   3. You may also restart the unit using the remote control
2. If the disinfection cycle is interrupted due to a power outage, no alarm tone will sound. Once power returns the disinfection cycle will need to be restarted as per previous instructions

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USER GUIDE- INFO

1. Unit is most effective when placed in line of sight of surface to be disinfected

2. Ensure placement of unit allows for greatest coverage

3. If necessary add more units at different points in the disinfection area

4. Shaded areas are likely not to be disinfected

5. UVGI disinfection is most effective when added to existing disinfection protocols

6. Best practice is to complete manual disinfection protocols prior to UVGI activation

7. UVGI disinfection alone will not disinfect an entire area

REMEMBER

NEVER ENTER THE DISINFECTION AREA WHEN THE PRODUCT IS

IN OPERATION, THE ALARM BUZZER IS SOUNDING AND THE

RED LED IS ILLUMINATED

AUDIO/ VISUAL INDICATORS

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AREA/ TIME DISINFECTION CHART

*	5 mins	10 mins	15 mins	30 mins	60 mins	120 mins
UVS4	-	-	.55m^2	1 m^2	2 m^2	-
UV-BOX^	200 cm^2	200 cm^2	200 cm^2	-	-	-
UVP36	-	-	5m^2	10 m^2	20 m^2	-
UVL72	-	-	-	20 m^2	40 m^2	80 m^2
UVL150	-	-	-	40 m^2	80 m^2	160 m^2
UVL220	-	-	-	60 m^2	120 m^2	240 m^2
UVT72	-	-	-	20 m^2	40 m^2	80 m^2
UVM216	-	-	-	60 m^2	120 m^2	240 m^2
UVM900	-	-	-	240 m^2	480 m^2	960 m^2

* Disinfection Area/ Time calculated based on a room height of 2.5m and targeting x pathogen. Different variables will result in changed area sizes. Please consult the GOLDENSEA UV Calculator for more information.
^ Box has a surface area 200 cm^2 and 5 mins is enough time destroy/ neutralise all know pathogens at present. Longer disinfection times are there for future use.

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DELAY START TIME CHART

	Delay Start Time
UVS4	30 seconds
UV-BOX	n/a
UVP36	30 seconds
UVL72	2 minutes
UVL150	2 minutes
UVL220	2 minutes
UVT72	2 minutes
UVM216	3 minutes
UVM900	3 minutes

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END