



UVC STERILIZATION



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UV-C Technology

Office | Home | Junior

/ WHAT IS UV-C?

When you think of UV, you probably think of the sun, however only UV-A and UV-B make it to the earth's atmosphere. UV-C is absorbed by the ozone layer and never makes it through. UV-C light is generally artificially produced to harness its disinfecting properties.

UV-C causes photochemical reactions in DNA & RNA resulting in the elimination of microbes and prevents the microbes from reproducing. UV-C kills all kinds of pathogens, not only limited to COVID-19. It inactivates 99.9% of viruses, bacteria, fungi and mould at wavelengths between 200nm - 280nm, making it more effective than both UV-A and UV-B for disinfecting.

/ USER SAFETY INFORMATION

Lamps used are in Risk Group 3.

UV LIGHT HAZARD: To prevent possible serious injury, eyes and skin should not be exposed to direct or reflected ultraviolet energy emitted by this product.

CAUTION: Ultraviolet energy in use. Do not activate the unit with the door open or open door while the product is active. Never look at lamps while they are illuminated. To eliminate all exposure to UV-C light before servicing, turn off the power switch and disconnect from the power source.

/ LAMP DISPOSAL & REPLACEMENT

Lamp disposal is the same as disposing of fluorescent tubes. Follow your local recycling rules and regulations.

For replacement lamps please contact us or alternatively contact your nearest lighting supplier for identical replacement parts, which are readily available. If self-installing always do so with a high degree of caution. If in doubt do not hesitate to contact us directly for advice.

/ BROKEN LAMP HANDLING

A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner as the fine glass particles can cause lacerations in mechanical parts and fittings.

/ CLEANING OF BLUBOX UNIT

Turn off all power and disconnect from the wall power sockets

The exterior casing can be wiped down with a damp cloth and mild, non-abrasive detergent as required.

Avoid liquid spills onto the internals of the unit as this may spill onto electrics. Do not place unsealed liquids and foods into the unit. Should this occur, disconnect from the mains immediately and remove the grid above the tube. Clean up the spill carefully. Wait until all surfaces are 100% dry and clear of debris. If in doubt do not hesitate to contact us directly for advice.