

## Suggested Application Areas

### Personal Items

Toothbrushes  
Razors  
Brushes/combs  
Pacifiers  
Toys  
Cell Phones

### Home

Pillows/Bedding/Linens  
Cutting boards/Countertops  
Bathrooms  
Changing Tables/Diaper Pails  
High Chairs  
Phones  
Remote Controls/Keyboards  
Door Knobs

### Offices

Telephones  
Fax Machines/Copiers  
Keyboards  
Furniture

### Public Places

Hospitals  
Restaurants  
Locker Rooms  
Hotels  
Bathrooms  
Cars

## UV-C Light Sanitizer Trouble Shooting Guide:

Problem: Power Light will not come on.

Solution: Check to ensure batteries are working and properly inserted; Do not mix old and new batteries; Do not mix alkaline and rechargeable (Nickel-cadmium) batteries.

Problem: Power Indicator came on and is/is not flashing, but there is no UV-C Light.

Solution: Press and hold the silver button for 3 seconds, the green LED indicator light will begin flashing. Then press the silver button a second time to turn on the UV-C Light. If the silver button is not pressed within one minute after LED indicator light begins flashing, the UV-C Light Sanitizer will automatically shut off.

- Low batteries.
- UV-C Light Sanitizer in is in vertical or lamp face-up position. UV-C Light Sanitizer contains a safety switch to protect the user or others from direct eye contact with the UV-C light. Return sanitizer to horizontal or lamp face-down position and light will turn back on.

Problem: Light keeps shutting off though the green LED indicator light remains on.

Solution: UV-C Light Sanitizer in is in vertical or lamp face-up position. UV-C Light Sanitizer contains a safety switch to protect the user or others from direct eye contact with the UV-C light. Return sanitizer to horizontal or lamp face-down position and light will turn back on.

Problem: Cannot turn UV-C Light Sanitizer off.

Solution: Press silver button once while unit is still in operation.

Problem: Unit and/or lamp has broken, can this be fixed?

Solution: If the lamp is cracked, chipped or damaged, do not attempt to operate. While the UV-C Light Sanitizer lamp is quite durable, our warranty does not cover lamp breakage. Dispose of the UV-C Light Sanitizer including the UV-C lamp and any residue thereof in compliance with all relevant local, state and federal laws, regulations and guidelines.

Problem: How do I clean the UV-C Light Sanitizer?

Solution: Wipe unit with a soft cloth VERY GENTLY.

## Product Specifications

- UV Wavelength: UV-C (253.7nm)
- Product Size: W1.5" x L10.5" x H1.5"
- Product Weight: 140g
- UV-C Lamp Power: 4W DC Lamp (UV Industrial Standard)
- Power Supply: 4 "AA" Alkaline batteries
- Operation Temperature: 32°F-122° or 0°C-50°C
- Storage Temperature: 32°F-158° or 0°C-70°C

Warning: The materials used in this product may create an exposure to chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. This warning is required by Section 25249.6 of the California Health and Safety Code.


# KF202 UV-C LIGHT SANITIZER

## User Manual

**PLEASE READ ALL INSTRUCTIONS  
BEFORE USING THIS SANITIZER**



Thank you for purchasing our UV-C Light Sanitizer, one of the most advanced bacteria-reducing tools in the world. The UV-C Light Sanitizer can help you and your family to significantly reduce infectious microorganisms and germs such as fungus, mold, bacteria and viruses from your home, office or travel environment. By following these instructions and safeguards, you and your family will benefit from the use of your UV-C Light Sanitizer for many years to come.

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The UV stands for Ultra-Violet light. Ultraviolet light represents the frequency of light between 100 nanometers (nm) and 400nm and cannot be seen with the naked eye. Within the UV spectrum lie three distinct bands of light: UV-A, UV-B, and UV-C.

- UV-A (400-315nm) The long wave UV light (315nm to 400nm) or UV-A refers, to what is commonly called "black light." This is the longest wavelength region and lowest energy; it represents the largest portion of natural UV.
- UV-B (315-280nm) The UV-B (280nm to 315nm), or midrange UV, causes sunburn.
- UV-C (280-100nm) The Germicidal UV Light (100nm to 280nm), or UV-C, is effective in microbial control.

The most effective frequency for microbial destruction is between 280nm and 200nm within this UV-C band. Therefore, as long as the nm frequency of Germicidal lamps have been well-controlled within the range, then the microbial will be significantly reduced.

Opportunities for infection are abundant and virtually everywhere, so it is important to realize that use of the UV-C Light Sanitizer does not guarantee that the user will avoid illness. To avoid microbial infection, one must take a wide range of precautions. Use of the UV-C Light Sanitizer is an important precaution, but not the only precaution that one should take.

## User Warning

Do not look directly into the lamp and do not expose skin under the UV-C light! Do not allow any impact to the UV-C lamp. If the UV-C lamp is cracked, chipped or damaged, do not operate. While the UV-C lamp is quite durable, our warranty does not cover a lamp breakage. This UV-C lamp contains a small amount of Mercury. The Mercury content of this product meets RoHS requirements (less than .05mg). Dispose of the UV-C Light Sanitizer including the UV-C lamp and any residue thereof in compliance with all relevant local, state and federal laws, regulations and guidelines.

***This is not a toy! Please keep it away from children!***

***Never allow the UV-C lamp to be pointed at your eyes or any part of the body!***

***Children should never operate this device!***

***Do not use this device on pets!***

***Do not face the UV-C lamp towards other people!***

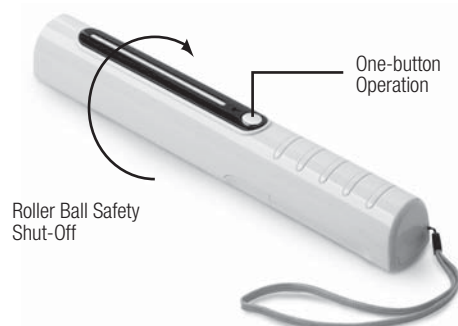
***Do not use this device on any type of food!***

## Caution

- DANGER- Ultraviolet light. UV light can be harmful to skin and eyes. It is important to use the UV-C Light Sanitizer properly.
- Improper operation of the UV-C Light Sanitizer may cause injury. Read and understand all warnings prior to operating the UV-C Light Sanitizer.
- Keep out of reach of children.
- Do not look directly into the UV light.
- Do not use the UV-C Light Sanitizer on any part of the body.
- Do not touch the UV-C Light Sanitizer lamp.
- Never disassemble the UV-C Light Sanitizer. Removal or tampering with the electronic circuit board or lamp assembly may cause injury or damage the UV-C Light Sanitizer and the warranty will be voided.
- Do not allow anyone to use the product until they fully understand proper operating procedure and warnings.
- Do not improperly dispose of the lamp of this product.
- Do not use the UV-C Light Sanitizer as a light source.
- Remove the batteries when not in use for long periods.
- For the best performance, always keep the UV-C Light Sanitizer clean and avoid stains.
- In case the UV-C Light Sanitizer gets dirty, "wipe" it with a soft cloth VERY GENTLY.
- Do not use in manner other than instructed in this User Manual.

## Features

1. One-button operation. Easy to operate
2. Automatic Patent-Pending Roller Ball Safety Shut-Off Switch
3. Wave over surfaces to sanitize in seconds!
4. Portable and light-weight



Please Note Patent-Pending Roller Ball Safety Shut-Off Switch:

When the unit is in use and the lamp is turned face-up or in a vertical position, the UV-C light will automatically turn off. When the unit is turned back face-down or horizontal, the UV-C light will automatically turn back on. This is a safety feature that protects user or others from direct eye or skin contact with the UV-C light.



## Operation

1. Insert Battery- Open the battery cover. Insert 4 "AA" Alkaline batteries into the battery compartment and close the cover. UV-C Light Sanitizer is ready to be used.

2. To Turn On/Operate/Off

A. ACTIVATE: Press and hold the silver button for 3 seconds. The green LED indicator light will begin flashing. The bulb will not light yet, but the unit is now activated.

B. LIGHT ON: Press the silver button a second time to turn on the UV-C light. Press the silver button a third time to turn the UV-C light off.

C. POSITION UNIT: Hold the UV-C Light Sanitizer in a horizontal position 1-2 inches above the surface to be sanitized, with the light facing down.

D. OPERATE UNIT: Slowly wave the UV-C Light Sanitizer back and forth 1-2 inches over the surface to be sanitized for 30 seconds. Repeat scanning 2-3 times for additional disinfection. The closer the UV-C Light Sanitizer is to the object, the more effective it will disinfect.

E. TURN OFF UNIT: Simply press the silver button once while UV-C light is still on.

F. LOW BATTERY WARNING: When Battery Voltage reaches down to 3.8v, UV-C Light Sanitizer will start beeping for about 10 seconds. If no battery replacement is made after the beep warning, unit will automatically turn off the power. Please note that average battery life is 3 hours with continuous use.

## Note:

The UV-C Light Sanitizer will not turn on if there is no second press (Step B). If the silver button is not pressed within one minute after the unit has been activated (Step A), the UV-C Light Sanitizer will automatically shut off and the green LED will stop blinking.