

BCHTM viro~~protect~~ protect

YOUR TRUSTED GUARDIAN

UV-C DISINFECTION ENCLOSURE

USER MANUAL



BROUGHT TO YOU BY:

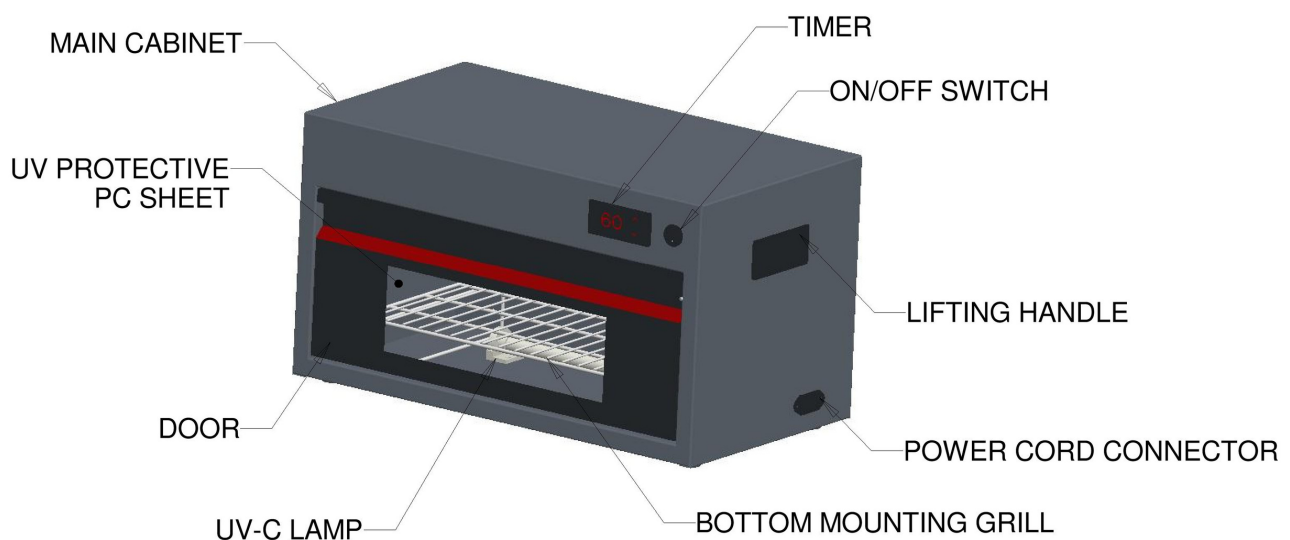


ABOUT THE PRODUCT

UV Disinfection is an efficient and fast technique for bacteria, viruses, and microorganisms.

The UV Sanitisation Enclosure is easy to use and a 99.99% germ-free device which can be used by many of the organizations and industries to keep themselves and their workplaces secure from viruses, especially from the latest Coronavirus. The device is manufactured to the highest standards whose objective is to ensure reliable, sterile outcomes. UV Cabinets are specifically used to kill bacteria and viruses without the obligation for heat or chemical substances.

PRODUCT OVERVIEW



TECHNICAL SPECIFICATIONS

Model No:	USE050303 BCH Viroprotect
Enclosure Material:	Powder Coated CRCA Steel
Colour Shade:	Body: STR IS5: 632, Door: STR Black
Power Consumption:	22watts
Input Voltage:	220-240V AC
Dimensions:	500(W)X275(H)X275(D)
Weight:	8.5Kg
Capacity:	30 Litres
Digital Timer:	0-99 (Min / Sec) (Adjustable)
UV Lamp Specifications:	11 Watts Germicidal UV-C Lamps (2 Nos)
UV Wavelength:	253.7nm UV-C (TUV)
Controls:	Manually operated Digitally Controlled
Lamp Useful Life:	11000 Hrs

WHAT IT OFFERS

- ☒ KILLS 99.9% VIRUSES*
- ☒ SUCCESSFULLY TESTED & CERTIFIED.
- ☒ UV-C LIGHT BASED SANITIZATION PROCESS
- ☒ DISINFECTION & DECONTAMINATION FROM BACTERIA & VIRUSES
- ☒ CERTIFIED PHILIPS 11W UV-C TUBES
- ☒ AUTO CUT-OFF FOR SAFETY (FROM UV RADIATION)
- ☒ CHEMICAL FREE PROCESS
- ☒ PREVENTS SURFACE TO HUMAN TRANSMISSION
- ☒ ERGONOMIC DESIGN WITH FRONT LOADING

OPERATING INSTRUCTIONS

THERE ARE TWO MODES OF OPERATION:

DEFAULT MODE

1. Turn on the power supply and plug in the power cord.
2. Open the door and put the item(s) to be sanitised inside the box and close the door
3. Switch on the on-off switch and press the start button on the timer.
4. After the timer completes its cycle, open the door on hearing the bell.
5. Collect the item(s) fully disinfected.
6. Turn off the power button

CUSTOM MODE

1. After completing step 2 from above, hit the \odot + **start hold** button simultaneously to set the time unit to second or minute.
2. Set the required time from the chart shown below using the \odot and \odot button and hit start button to start the timer.
1. After the timer completes its cycle, open the door on hearing the bell.
2. Collect the item(s) fully disinfected.
3. Turn off the power button

OBJECTS

TIME (IN MINS)

Small Items	2
Medium Items	3
Multiple Medium Items	5
Large Items	8

FAQS

Q1: Is the the BCH Viroprotect effective against COVID-19/SARC-CoV-2?

Ans: UV-C Sterilization is the most established scientific method for killing more than 65 families of pathogens, viruses & bacteria, including SARS-CoV-1*. However, there is no specific study that talks about COVID-19. But it is prolific & clinically accepted.

Q2: Can an item be placed by removing the tray?

Ans: No, the tray is a must to prevent damage to the UV-C tubelight

Q3: Does it produce Ozone too along with the other radiation?

Ans: No. ozone production requires a lower wavelength of 185-220nm. Our product does not emit wavelengths in that range.

Q4: Is the timer fitted preset or is it adjustable?

Ans: BCH Viroprotect has a preset time fixed to it but we recommend adjusting the timings according to chart provided based on the size of the object

Q5: What is the UV-C dose for killing or disabling the COVID-19 virus?

Because the COVID-19 virus (SARS-CoV-2) is so new, the scientific community doesn't yet have a specific deactivation dosage. However, we know the dosage values for comparable viruses in the same SARS virus family to be 20-30mJ/cm² using direct UV-C light at a wavelength of 254nm; this dosage will achieve 99.99% disinfection (i.e. inactivation) under controlled lab conditions.

Q6: Is it safe to put food items inside the box for sterilisation?

Ans: UV-C kills the gamut of microbial contaminants, whether naturally occurring or the result of bio-tampering, and other microorganisms. UV-C is safe to use, leaves no surface residue, and does not chemically alter food products.

Q7: Can items such as powerbanks, deodorants etc be put into the sanitisation box?

Ans: Because of an exposure to a small amount of heat from the UV-C light, we do not recommend putting in inflammable objects like powerbanks, deodorants, lighters, batteries etc

MAINTENANCE

- The sanitisation box is recommended to be cleaned regularly.
- Turn off the power supply before cleaning.
- Any household appliance cleaner, water soap solution or soap alcohol solution can be used to clean the item.
- Donot use chlorine or any other harsh chemicals to avoid damage.
- To remove the dust, wipe the surfaces with the cloth or sponge containing the above mentioned cleaning agents
- Care should be taken to prevent touching of the UV-C lamps
- UV-C lamp should be cleaned with a hair brush

TROUBLESHOOTING



UNIT NOT SWITCHING ON:

CHECK THE POWER SUPPLY
CHECK THE ON/OFF SWITCH
CHECK WHETHER DOOR PROPERLY CLOSED

UV-C LAMP NOT TURNING ON:

CHECK WHETHER DOOR PROPERLY CLOSED
THE LAMP MIGHT NOT BE WORKING.
CALL CUSTOMER SUPPORT

ANY OTHER PROBLEM:

CALL CUSTOMER SUPPORT

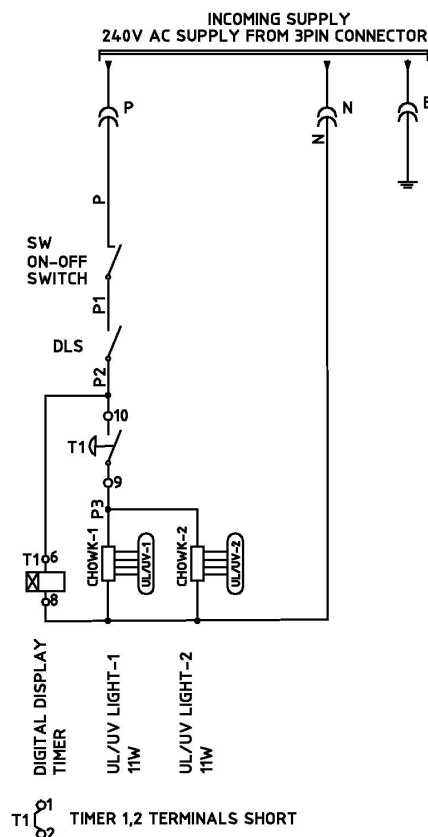
SAFETY PRECAUTIONS

07

This product is designed for household use only. Do not use it for any other purposes. Read all the instructions carefully.

1. Keep the sanitizer away from heat sources like sunlight, gas stove or electric heating appliances.
2. Do not immerse the plug, cord or main unit in water or any other liquid.
3. Do not bend or put excessive pressure on the power cord. Do not let power cord hang over the edge of the table or worktop and it should not touch any hot surface.
4. Do not look directly at the UV light, avoid exposure to eyes and skin.
5. Do not operate the sanitizer if it malfunctions or is damaged in any manner. Call the customer care for assistance.
6. There are no self-serviceable parts inside the appliance. Do not attempt to open, service or repair it by yourself, it should be done by authorized service representative. Failure to observe this requirement shall void any warranty, stated or implied.
7. Viropact is not intended for use by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been supervised or instructed to use the appliance by a person who is responsible for their safety. Close supervision is necessary when the appliance is being operated near these people.

CIRCUIT DIAGRAM



RECYCLING & DISPOSAL

The majority of BCH enclosures are fabricated from steel which is epoxy based powder coated. Steel is a highly recyclable material and powder coatings emit zero volatile organic compounds, inherent in the alternative liquid wet paint finishes. At the end of its life, after separating it from components, the product can be sent to be recovered.

The product is not biodegradable. Do not dispose of it in the environment.
The product/waste product is assimilable as solid urban waste. It must be incinerated or disposed of in compliance with current national & local regulation.



BCH

CUSTOMER HELPLINE NO:
1800-103-9262
VISIT US AT: WWW.BCHINDIA.COM

Corporate Office: 1105, New Delhi House 27, Barakhambha Road, New Delhi-110001

CIN: U31103WB1965PLC026427, **Email:** marketing@bchindia.com

Registered Office: Block 1E, 216, Acharya Jagdish Chandra Bose Road, Kolkata-700017

Works 1: 20/4, Mathura Road, Faridabad-121006, Haryana **Tel:** 0129-4063000/4293000

Works 2: 64-68, Sector 7, IIE, Pant Nagar, Rudrapur, Udham Singh Nagar- 263153,
Uttarakhand Tel: 05944-250214