

EXEL[®]

UV DISINFECTION BOX



EXEL is offering an extremely safe & powerful UV Technology Disinfection Box. It is designed to safely remove pathogens and other harmful micro-organisms from Electronic Gadgets , food item, currency, documents etc. The Disinfection Box is a light weight UV-C chamber which uses UV Light of 254 nanometer wavelength to kill bacteria and germs which may contaminate the object. The product is available in two sizes. The UV-C Sanitization Chamber optimizes the effectiveness of UV-C lamps to provide 99.9% disinfection of surfaces of objects within few minutes. The operating time can be selected as per requirement.

TECHNICAL SPECIFICATION :

MODELS	MODEL E1	MODEL E2
Operating Voltage	230 VAC \pm 10%	230 VAC \pm 10%
Power	25 W	75 W
Frequency	50 Hz	50 Hz
Disinfection	99.9% Germs	99.9% Germs
Lamp	UV-C	UV-C
Wavelength	254 nm	254 nm
Timer	Adjustable upto 999 Second	Adjustable upto 999 Second
Weight	12.4 Kg	24.2 Kg
Dimension (L X D X H)	18" X 18" X 16"	18" X 18" X 36"
Chamber Size	17" X 17" X 13"	17" X 17" X 32"
No. of Tray	1	3
Capacity	60 Litres	150 Litres

APPLICATIONS :

- ❖ Offices
- ❖ School
- ❖ Industries
- ❖ Food courts
- ❖ Pharmacies
- ❖ Restaurants
- ❖ Barber Shop / Spa
- ❖ Banks
- ❖ Hotel
- ❖ Retail Shops
- ❖ Fitness centers
- ❖ Courier services
- ❖ Hypermarket, Supermarket
- ❖ E-commerce pick up points



DISINFECTATION TIME

Small Objects	3 Minutes	Key / Mobile / Food Items
Medium Objects	5 Minutes	Documents / Multiple Items
Large Objects	10 Minutes	Laptop / Bags etc.

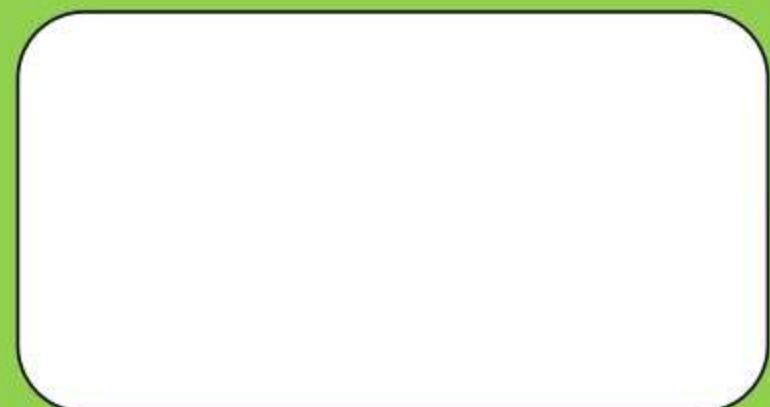
WARNING:

- ❖ Direct exposure to UV-C radiation is dangerous to eye and skin. The UV-C lights does not operate with open door.
- ❖ If there is breakage of Lamp, put the broken part in a sealed plastic bag for disposal. It is preferred to use gloves while removing broken parts.

AUTHORIZES DEALER :

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**Signify and Boston University
validate effectiveness of Signify's
UV-C lightsources
on inactivating the virus that causes
COVID-19**

During their research Dr. Anthony Griflths, Associate Professor of Microbiology at Boston University School of Medicine and his team treated inoculated material with diuerent doses of UV-C radiation coming from a Signify light source and assessed the inactivation capacity under various conditions. The team applied a dose of 5mJ/cm², resulting in a reduction of the SARS-CoV-2 virus of 99% in 6 seconds. Based on the data, it was determined that a dose of 22mJ/cm² will result in a reduction of 99.9999% in 25 seconds.

Signify is the leader in UV-C light sources and has been at the forefront of UV-C technology for more than 35 years. It has a proven track record of innovation in UV-C lighting, which is designed, manufactured and installed in line with the highest safety standards.

The Philips UVC Lights used in this System meets the disinfection Criterion by emitting 254 nm rays.