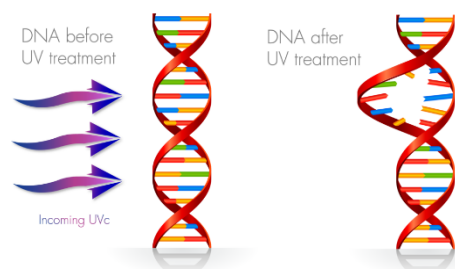


**DESCRIPTION**

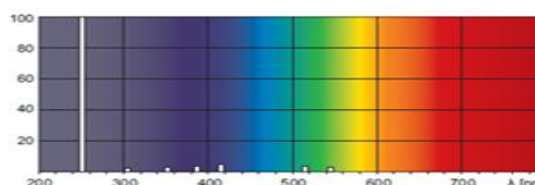
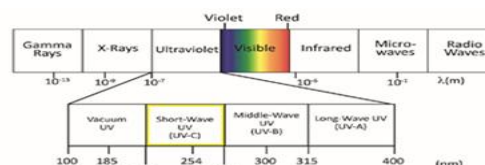
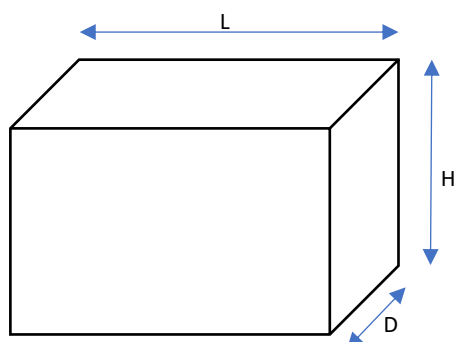
Ultraviolet Germicidal Irradiation (UVGI) has been established to be effective against infectious micro-organisms like bacteria, virus, spores, fungi etc. Ultraviolet energy at 253.7nm wave length emitted by low-pressure mercury discharge lamps with appropriate ultraviolet wattage and applied for specific duration has been found to kill various bacteria and inactivate various types of viruses including the strain of SARs virus responsible for COVID 19 so they do not replicate or multiply.



**HOMCLEAN** is a range of Ultraviolet disinfection boxes jointly developed by RAYMOLD and CSIR-CSIO (ICMR empanelled R&D laboratories under the Ministry of Science and Technology, GoI), with capacities ranging from about 10L to 60L for up to 99.99% disinfection

**APPLICATION**

HOMCLEAN UV-C boxes ideal for disinfection of various items in domestic, commercial, health care and industrial use.

**DIMENSIONS**Spectral energy distribution data (%  $\lambda$ ) from lamp manufacturer

# HOMCLEAN

## ULTRAVIOLET (UV-C) BOX FOR DISINFECTION

Jointly developed by



### PRODUCT DETAILS

**Make and Origin**

**RAYMOLD**, India

**Brand**

**RAY-CLEAN**

**Product Information**

Germicidal cabinet for surface disinfection and deactivation of virus, bacteria, spores and other microorganisms; Jointly developed and tested by **Raymold** and **CSIR-CSIO\***

**Main Application**

Surface Disinfection of grocery, fruits and vegetables, personal items like cell phone, lap-top, wallet and other small items in residences, offices, health care centres, shops and other facilities

**Technology**

Ultraviolet low-pressure discharge Germicidal lamps (UV-C 253.7nm) with low mercury content and high efficiency UV reflectors

**UV Power (W)**

5 to 16

**Disinfection Efficiency**

Up to 99.99% (based on load and duration of exposure)

**Irradiation time**

3 to 8 minutes based on loading; duration set with electronic timer

**Body/Housing**

MS Powder coated

**Storage**

Removable basket, mesh type

**Dimensions- Overall (mm)**

HOMCLEAN10 - L:400, D:300, H:150; HOMCLEAN25 - L:400, D:300, H:300  
HOMCLEAN35 - L:450, D:450, H:300; HOMCLEAN60 - L:500, D:500, H:300

**Net Weight (kg)**

7.0/10.5 / 14.0/18

**Rated input voltage (V)**

230V, 50Hz, 1Ø

**Operating Voltage range**

180V - 260V

**Type of Gear**

Electronic

**System Wattage (W)**

22/48/48/70

**Standby Wattage (W)**

0.5

**Timer**

Electronic

**Electrical safety**

Class 1

**Power supply Chord**

3 core cable, 1.5m long, fitted with 3-pin, 5A power plug

**Protection**

Mains switch with replaceable fuse unit

**User Protection**

Auto cut-off during open door condition to avoid direct exposure of human to Ultraviolet rays

#### Southern Region Office

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New Delhi – 110066 India.

Contact [marketing@raymold.in](mailto:marketing@raymold.in) for technical and application support



**WARNING UV-C** emitted from this product.  
Avoid eye and skin exposure to unshielded product.  
Follow installation instructions and user manual.

\*- CSIR-CSIO test certificate No. CSIO/20-21/UV-C/31-C, 27.08.2020

Specification and data are subject to change without prior notice