



**UV Disinfection Cabinet**  
**User manual**

**CROMACO HEALTH CARE SYSTEMS**

**#2, 1 st Floor, Mailat Complex, Josy Layout,**

**Muneswara block,**

**Pipe line road, T.Dasarahalli,**

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## Features of your UV Disinfection cabinet

Your Cromaco make UV Disinfection cabinet comes equipped with various important features that not only ensures 99.9% deactivation of various Bacteria, Viruses and other pathogens from surfaces of objects kept for disinfecting, but also assures safety for human operation against harmful UV-Rays.

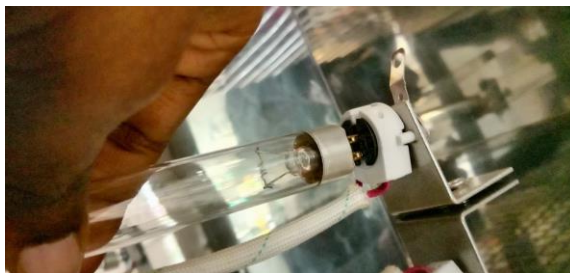
The features and specifications are listed as below

1. UVC Germicidal Lamps 254 nm wavelength – 2 nos 15W OSRAM make, useful life 8000 Hrs
2. Choice of GI (Galvanized steel)with Powder coating and SS(stainless steel) 304 materials for Cabinets. Both materials offer corrosion resistance
3. Table top Cabinets available in 2 sizes- 450x550x350mm – 55L  
600x650x350mm - 95L
4. Cabinets are made of 0.8mm Sheet thickness, the enclosure design with double gauge sheets and PUF Insulation in between ensures strength, rigidity, sound proof operation and zero leakage of UV Rays outside cabinet
5. The enclosure internal design ensures maximum UV Radiation with powerful internal reflectors and zero blind spots for improved effectiveness
6. Strong , rigid stainless steel mesh racks for holding objects of disinfection
7. Front transparent glass on door for users view of inside cabinet
8. Power On/Off Rocker switch with LED indication
9. Programmable Digital timer for time duration setting to ensure right dosage for disinfection. A users cycle of 10-15 minutes is adequate for deactivating the pathogens
10. Safety cut-off switch when door open ensures UV Lights to switch off automatically to prevent user eye or skin damage when directly exposed
11. Safety Fuse of 2A for protection against power surges is provided inside the cabinet
12. Electronic Ballasts 220-240V, 50-60Hz ensures operation and long life of UVC Germicidal lamps

## Setting up your UV Disinfection cabinet, installation

After unpacking the cabinet, please unpack the UVC Germicidal lamps and steel racks that are separately and securely packed. Please place the cabinet on a level surface free of any obstructions for operation

Install the two germicidal lamps to the top and bottom bulb holders by inserting and carefully turning the bulb inside the holder until it is locked in position. Slide the two Steel racks in to the cabinet on to the given side holders inside the cabinet. Plug the electrical wire in to the given socket on the rear side of cabinet and insert the three Pin Plug to any wall socket with switch that has 230V AC power supply and proper earthing. Now the cabinet is ready for operation.



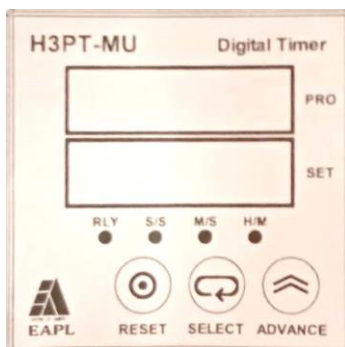
## Operating your UV Disinfection cabinet

- For Powering the cabinet, Switch on the Power on Rocker switch
- Open the door by turning the knob and keep the objects to be disinfected on the racks.
- Distribute the items on the rack such that UV light rays from both sides will fall on the object
- Close the door by turning the knob and set The timer for 10 -15 mins
- The UV Lamp will light up on closing the door for the set time and switch off automatically after the set time

- Open the door and remove the disinfected objects which are safe to use now
- Switch off the mains when not in use
- Product is devoid of warranty if equipment is tampered or altered

## Operation and setting of timer

- Switch on the Disinfection Cabinet
- The timer is factory set for 10 minutes as a default option
- For operating the disinfecting cabinet, after keeping the objects on the racks and closing the door, press the Reset button of the timer for it to start the counter and disinfecting cycle.
- **Changing the Timer setting:** If the timer setting needs to be changed to a different value, follow the below described steps say for example to set 12 minutes



Press "Select" till PRO display shows "RNG"

Press "Advance" till "M/S" LED Lights up

Press "Select" until first digit starts flashing

Press "Advance" till display shows "1"

Press "Select" till second digit starts flashing

Press "Advance" till display shows "2"

Press "Select" till third digit starts flashing

Press "Advance" till display shows "0"

Press "Select" till fourth digit starts flashing

Press "Advance" till display shows "0"

Press "Select" the Set value is stored in memory

The process value shows 00.00, Now timer is ready

## Cleaning and maintaining your Disinfection cabinet

Caring for your Cromaco Disinfecting cabinet prolongs the life, effectiveness of the product. Before cleaning the interior and exterior please unplug the cabinet.

**Cleaning the Interior :** Remove the racks and clean them with mild soap and water, clean the internal surfaces with a mild detergent like Colin spray and wipe it with dry soft cloth. Wipe the surfaces of the bulbs carefully with dry soft

cloth and ensure them to be clean without any dust or dirt. Make sure to dry the steel racks before putting them back in to place inside the cabinet

**Cleaning the Exterior:** Wipe the display panel, timer and exterior surface with a clean soft cloth. Spray water or colin spray on to the cleaning cloth instead of spraying directly on the surface of the cabinet. Doors, handles, knobs can be cleaned with a mild detergent and then wiped with a dry soft cloth.

**To keep your Stainless steel disinfecting cabinet interior and exterior shiny , clean and stain free apply SS Polisher of 3M Make with soft micro fibre cloth and rub the surface in polishing action.** This may be done once in two weeks or depending on requirement

**Do not use cleaners like Acids, Thinners, Benzene, Clorox for cleaning.** They may damage the surface of the cabinet and can create a risk of fire.

**Replacing the UVC Lamp:** Please contact our service numbers in case the UVC Lamps are not glowing , due to end of life or non functioning

## Safety Information

- Before operating the appliance, please read this manual thoroughly and retain it at a safe place near the appliance for your future reference
- Use this cabinet for its intended purpose as described in the instruction manual. The cabinet is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety
- UVC- Germicidal lamps are harmful to skin and eyes , can cause permanent Retina damage when viewed directly. Always switch off the Power ON button and open the door for keeping objects inside or taking objects outside the cabinet. Close the door securely by completely turning the knob before operating or switching the power on switch of the cabinet
- When not in use for long time, unplug the power plug from the wall socket
- Make sure proper earthing is present for the electrical power connection
- In case of overload and fuse failure please check for faulty main power supply and rectify the same at your end before operating the cabinet. Please replace the spare fuse provided along with the cabinet
- Do not insert the power plug with wet hands or operate with wet hands
- After disinfecting always use clean germ free hands to unload the objects kept inside for disinfecting
- Close and open the door gently, do not bang the door against any object, glass may get damaged and cause injury or UV Light exposure

- **DO NOT OPERATE THE DISINFECTING CABINET IN CASE OF GLASS DAMAGE OR BROKEN GLASS**
- It is always advised to not overload the racks and for best effective results for disinfection the objects should be spread on the racks inside to enable proper exposure of their surface to the UVC Light for the set duration of timer
- Some ozone smell will emanate from the objects after disinfecting in the cabinet for the required time. Safe to use the same, in case of foods, which are kept for disinfecting it is advised to consume after leaving it open to release the ozone odour

## TROUBLESHOOTING

PROBLEM	SOLUTION
The cabinet is not powering on	<ul style="list-style-type: none"> <li>• Check main power supply</li> <li>• Check if power supply is correctly connected</li> <li>• Check if the fuse is blown</li> </ul>
UVC lamps not glowing	<ul style="list-style-type: none"> <li>• Check is Power on switch is on</li> <li>• Check if Timer is functioning properly or setting is done properly</li> <li>• Check if door is closed properly</li> <li>• Check if door switch is actuated properly</li> <li>• Check if the fuse is blown</li> <li>• If all of above is OK, contact our service numbers, UVC lamps may have end of service life (8000 hrs service life)</li> </ul>
Timer not switching on/off	<ul style="list-style-type: none"> <li>• Check for setting of timer</li> <li>• Check manual of timer given along with this</li> <li>• Power on button not switched on</li> <li>• Mains not switched on</li> </ul>



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