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› Philips UV-C Disinfection System 30 LTR User Manual

## PHILIPS UV-C Disinfection System 30 LTR

# Philips UV-C Disinfection System 30 LTR User Manual

Model: UV-C Disinfection System 30 LTR

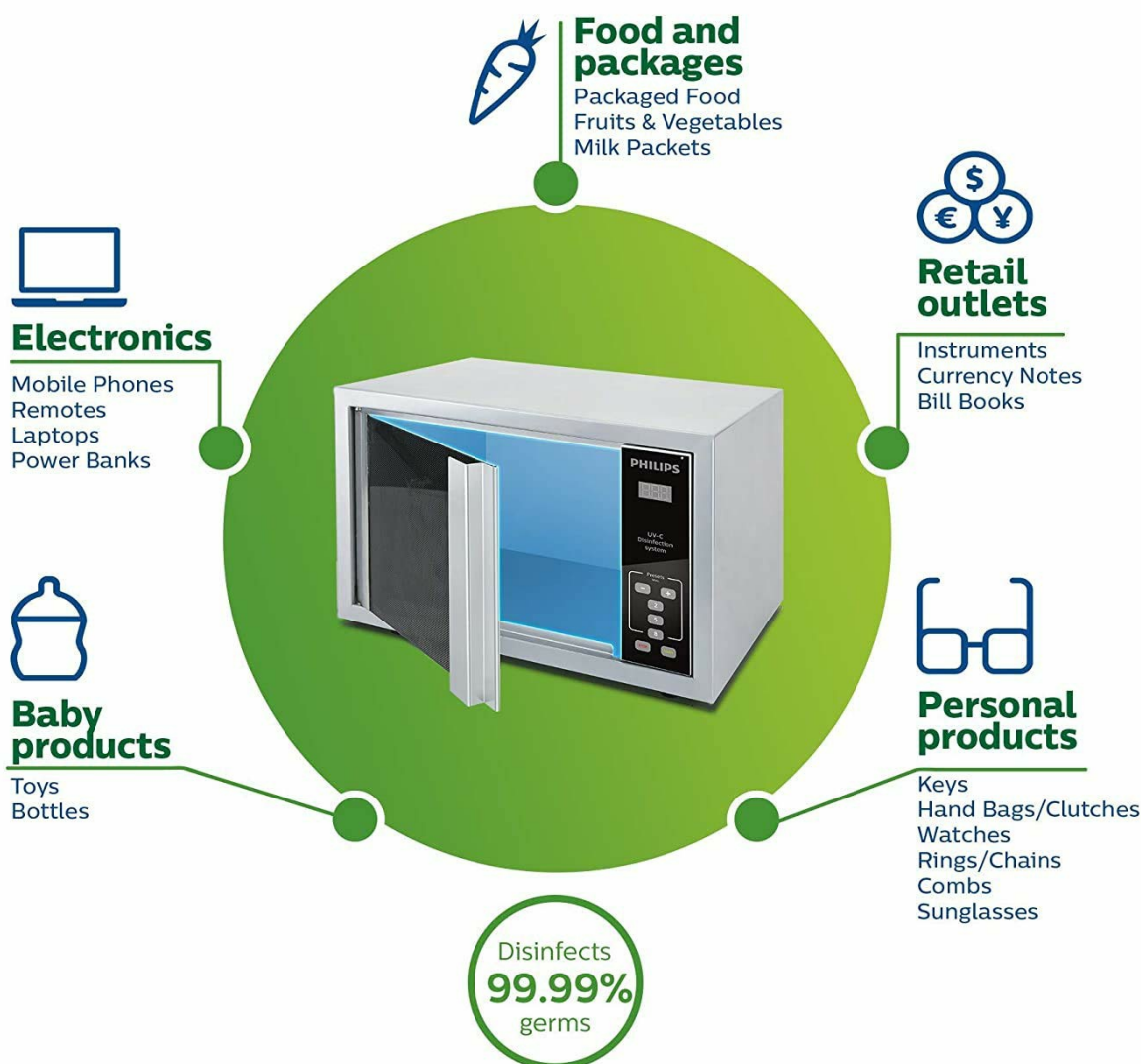
## 1. INTRODUCTION AND OVERVIEW

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The Philips UV-C Disinfection System 30 LTR utilizes UV-C light technology to disinfect various items. This unit is designed for convenient use in homes, retail environments, and offices, providing effective disinfection within 2 to 8 minutes. It is engineered to kill 99.99% of germs when used for the recommended duration.

The system features a 30-liter capacity and is equipped with special reflective materials to ensure uniform disinfection across the objects placed inside.

# Items that can be disinfected



**Figure 1: Items suitable for disinfection.** The Philips UV-C Disinfection System can disinfect a wide range of items such as keys, handbags, wallets, watches, rings, combs, sunglasses, packaged foods, fruits, vegetables, milk packets, toys, bottles, instruments, currency notes, bill books, mobile phones, remotes, laptops, and power banks.

## 2. SAFETY INFORMATION

UV-C radiation can be harmful to skin and eyes. This disinfection system is designed with safety features to prevent direct exposure during operation.

- **Automatic Cut-off:** The UV lamps automatically switch off if the door is opened while the unit is functioning. This safety mechanism prevents accidental UV-C exposure.
- **Special Glass Door:** The unit features a special glass door designed to contain UV-C radiation within the chamber, ensuring no leakage during operation.
- **Intended Use:** This device is intended for disinfecting the outer surfaces of objects. It does not affect the quality of food or the internal functioning of electronic items.
- **Supervision:** Always supervise the device during operation, especially around children.
- **Damage:** Do not operate the unit if the door or any part of the casing is damaged. Contact customer support

## Philips UV-C Disinfection system is safe to use



**Safety mechanism**  
Auto cut off of UV-C radiations, when glass door is opened.

**Special glass door**  
Contains the UV-C radiation within the chamber.

**Safe for food & electronic items**  
Does not affect quality of food or functioning of electronics. Only disinfects outer surface.

**Figure 2: Safety features of the Philips UV-C Disinfection System.** The system includes an auto cut-off mechanism for UV-C radiation when the glass door is opened and a special glass door designed to contain UV-C radiation within the chamber.

### 3. PRODUCT COMPONENTS

The Philips UV-C Disinfection System 30 LTR includes the following main components:

- 1 x Disinfection Box unit
- 2 x 8W UV-C Lamps (pre-installed)
- 1 x Removable Tray
- Power Cord

### 4. SETUP

1. **Unpacking:** Carefully remove the disinfection system from its packaging. Retain packaging materials for future transport or storage.

2. **Placement:** Place the unit on a stable, flat, and heat-resistant surface. Ensure there is adequate ventilation around the unit. Do not block any ventilation openings.
3. **Power Connection:** Connect the power cord to the unit and then plug it into a suitable electrical outlet (230-240VAC, 50Hz).
4. **Initial Check:** Open and close the door to ensure it latches correctly. The unit should be ready for operation.

## 5. OPERATING INSTRUCTIONS

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Follow these steps to disinfect items using your Philips UV-C Disinfection System:

1. **Prepare Items:** Ensure items to be disinfected are clean and dry. Arrange them on the removable tray, ensuring they are not overlapping excessively to allow UV-C light to reach all surfaces.
2. **Place Items:** Open the unit door, carefully slide the tray with items into the chamber, and then securely close the door. The unit will not operate if the door is not fully closed.
3. **Select Disinfection Mode:** The unit offers pre-set modes for various items:
  - **2 minutes:** For small objects (e.g., keys, earphones).
  - **3 minutes:** Standard timer, quickly activated by pressing the start button twice. Suitable for medium objects.
  - **5 minutes:** For multiple medium objects.
  - **8 minutes:** For large objects.

Press the corresponding button on the control panel for your desired disinfection time.

4. **Start Disinfection:** Press the "Start" button to begin the disinfection cycle. The UV-C lamps will illuminate, and the timer will count down.
5. **Cycle Completion:** Once the cycle is complete, the unit will signal with an audible alert or indicator light. Carefully open the door and remove the disinfected items.
6. **Safety During Operation:** If the door is opened during a cycle, the UV-C lamps will automatically turn off. Close the door to resume the cycle from where it left off.

# Preset timer to disinfect common items



**2 min**

Small object



**3 min**

Medium object



**5 min**

Multiple medium objects



**8 min**

Large object



**Figure 3: Preset timer options for common items.** The control panel allows selection of 2, 3, 5, or 8-minute disinfection cycles based on object size and quantity.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your disinfection system.

- **Cleaning the Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Cleaning the Interior:** Ensure the unit is unplugged before cleaning the interior. Wipe the interior surfaces and the removable tray with a soft, damp cloth. Ensure all surfaces are dry before operating the unit again.
- **UV-C Lamp Replacement:** UV-C lamps have a limited lifespan. If the disinfection effectiveness appears to decrease or a lamp fails, contact authorized service personnel for replacement. Do not attempt to replace lamps yourself.

## 7. TROUBLESHOOTING

If you encounter issues with your Philips UV-C Disinfection System, refer to the following troubleshooting guide:

| Problem                                            | Possible Cause                                                        | Solution                                                                                                              |
|----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Unit does not power on.                            | Power cord not securely plugged in. No power from outlet.             | Check power cord connection. Test outlet with another device.                                                         |
| UV-C lamps do not turn on, or door alarm triggers. | Door not fully closed. Safety interlock not engaged.                  | Ensure the door is firmly closed until the safety interlock engages. If the issue persists, contact customer support. |
| Disinfection cycle does not start.                 | Incorrect mode selected or start button not pressed. Door not closed. | Verify the door is closed. Select a disinfection time and press the "Start" button.                                   |
| Unit appears damaged or has erratic behavior.      | Manufacturing defect or internal component issue.                     | Discontinue use immediately and contact Philips customer support for service.                                         |

## 8. SPECIFICATIONS

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Technical details for the Philips UV-C Disinfection System 30 LTR:

- **Model:** UV-C Disinfection System 30 LTR
- **Brand:** PHILIPS
- **Capacity:** 30 Litres
- **Operating Power:** 30W
- **Input Voltage:** 230-240VAC - 50Hz
- **UV-C Energy Source:** 2 x 8W Germicidal UV-C Lamps
- **UV-C Lamps Output:** 254 nm UV-C Light
- **Dimensions (Approximate):** 46 cm (Width) x 35 cm (Depth) x 25 cm (Height)
- **Control Method:** Buttons on unit
- **Special Feature:** Energy Efficient, Auto Cut-off Safety
- **Color:** Grey

# Technical Specification



## Functional

Operating Power: 30W  
Input Voltage: 230-240VAC - 50Hz

## UV-C Energy Source

Germicidal Bulbs: 8W (2 nos.)  
UV-C Lamps Output: 254 nm UV-C Light

**Figure 4: Technical Specifications and Dimensions.** This diagram illustrates the physical dimensions and key functional specifications of the disinfection system.

## 9. WARRANTY AND SUPPORT

The Philips UV-C Disinfection System 30 LTR comes with a **1-year on-site warranty** on the disinfection unit. Please note that UV-C lamps are not covered under this warranty.

On-site warranty service is available at select locations. For a list of serviceable cities and to register a warranty claim or seek technical support, please refer to the official Philips support channels or the documentation provided with your purchase.

For further assistance, please contact Philips customer service.

