



# Four-log disinfection in minutes

## UV-C disinfection chamber

The Philips UV-C disinfection chamber (UVCC200/UVCC100) optimises the effectiveness of the Philips UV-C lamp (253.7nm) to provide four-log (99.99%) disinfection with certain time guidelines. Its design is versatile for various objects surface disinfection. Offered in two sizes, it fits multiple applications for professional use. e.g. offices, hotels, courier services. This UV-C disinfection chamber is not approved and/or certified as a medical device.

### Benefits

- Ozone-free to ensure no collateral damage to the environment
- With two different sizes, it's easier for the customer to choose a suitable size to disinfect certain objects
- Auto power off when the chamber is open ensuring no UV-C exposure to the user, thanks to the safety switches

### Features

- By using Philips UV-C lamp (253.7 nm), no ozone is emitted
- Two sizes available to disinfect objects of different sizes
- Safety switches are installed to shut the power off automatically when the door is open during disinfection

### Application

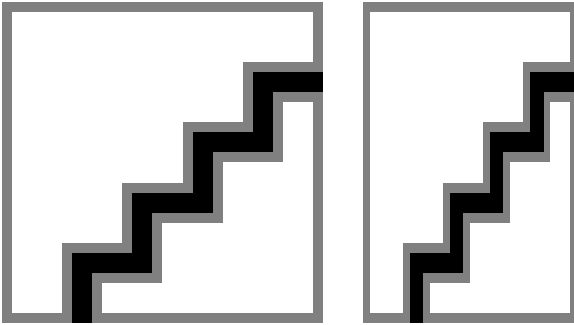
- Office
- Hotel
- Courier service
- Industries

## UV-C disinfection chamber

### Warnings and Safety

- **DANGER:** like any disinfection system, UV-C lamps and devices must be installed and used in the correct way. Direct exposure to UV-C can be dangerous and result in a sunburn-like reaction to the skin and serious damage to the cornea. UV-C disinfection mini chambers must only be sold through qualified partners and installed by professionals according to our stringent safety and legal requirements. Our UV-C products are not meant to be used in applications or activities which may cause and/or lead to death, personal injury and/or damage to the environment. **DISCLAIMER:** The UV-C disinfection chamber effectiveness in the inactivation of certain viruses, bacteria, protozoa, fungi or other harmful micro-organisms is as described above under the heading "Benefits". Signify and its group of companies do not promise or warrant that the use of the UV-C disinfection chamber will protect or prevent any user from infection and/or contamination with any viruses, bacteria, protozoa, fungi, illness or disease. The UV-C disinfection chamber is not approved for, is not intended for and must not be used to disinfect medical devices and must not be used in medical settings. In addition to and without limitation of any exclusions or limitations of liability of Signify and its group of companies as set forth in any agreement for the sale, distribution or otherwise making available of the UV-C disinfection chamber, Signify and its group of companies shall have no responsibility or liability whatsoever for any claim or damage that may arise from or relate to any use of the UV-C disinfection chamber outside of their intended use or contrary to their installation and operation instructions, each as described in this document under the heading "Application", the user manuals and/or the mounting instructions.

### Versions



# UV-C disinfection chamber

## Application Conditions

Ambient temperature range	+10 to +30 °C
Suitable for random switching	No

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

Inrush time	0.35 ms
Input frequency	50 or 60 Hz
Input Voltage	220 to 240 V
Power factor (min.)	0.9

## General Information

Cable	Cable 2 m with plug
CE mark	CE mark
Protection class IEC	Safety class I (I)
Connection	Mains outlet socket
ENEC mark	-
Flammability mark	NO
Gear	HF-S
Glow-wire test	650/30
Optic type	No
EU RoHS compliant	Yes
Warranty period	1 years

## Initial Performance (IEC Compliant)

Power consumption tolerance	+/-10%
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## Mechanical and Housing

Colour	Silver
Housing material	Stainless steel
Optic material	-
Reflector material	Aluminium

## UV

UV-C irradiance defined at 20 cm	1100 µW/cm <sup>2</sup>
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## Operating and Electrical

Order Code	Full Product Name	Inrush current
911401786182	UVCC200 80W 02	90 A
911401793352	UVCC100 68W 02	72 A

## General Information

Order Code	Full Product Name	Number of gear units	Number of light sources	Number of products on MCB (16 A type B)
911401786182	UVCC200 80W 02	Five units	5	5

Order Code	Full Product Name	Number of gear units	Number of light sources	Number of products on MCB (16 A type B)
911401793352	UVCC100 68W 02	Four units	4	7

## Initial Performance (IEC Compliant)

## UV-C disinfection chamber

Order Code	Full Product Name	Initial input power
911401786182	UVCC200 80W 02	80 W

Order Code	Full Product Name	Initial input power
911401793352	UVCC100 68W 02	68 W

### Mechanical and Housing

Order Code	Full Product Name	Overall height
911401786182	UVCC200 80W 02	660 mm

Order Code	Full Product Name	Overall height
911401793352	UVCC100 68W 02	610 mm

### UV

Order Code	Full Product Name	UV-C radiation
911401786182	UVCC200 80W 02	16 W

Order Code	Full Product Name	UV-C radiation
911401793352	UVCC100 68W 02	12 W

