



# UV-C Air Disinfection Unit (DESIGNED FOR PROFESSIONAL ONLY) - effective against: Virus & Bacteria and SARS-CoV-2\*

## UV-C disinfection air unit G2

Philips UV-C air disinfection unit is a comprehensive solution to address airborne transmission of pathogens. It reduces airborne pathogens by greater than 99.99%. The UV-C unit is resistantly designed with extra supportive metal structure inside disinfection chamber. The aesthetic design delivers well-controlled UV-C radiation (RG0) and can also be used when people are present. The family comes in three disinfecting capacities, which is ideal for all the indoor professional applications.

### Benefits

- Strong air disinfection performance with UV-C technology
- Effective against SARS-CoV-2\* (\*test is ongoing)
- UV-C Air Disinfection reducing airborne pathogens greater than 99.99%
- User friendly interface: one button control
- Safe to use: Ozone free
- UV-C resistant material
- Easy maintenance

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## Features

- Air exchange volume in just 10 minutes
- Big size: 50m<sup>3</sup> of room space; Up to 400 m<sup>3</sup> per hour
- Medium size: 33m<sup>3</sup> of room space; Up to 260m<sup>3</sup> per hour

## Application

- Suits all your Indoor space: effective air disinfection for closed spaces of various sizes.
- Office
- Hospitality
- Retail
- Schools
- Banking
- Industry
- Vaccination centers
- Residential areas
- Other indoor applications

## Warnings and Safety

- 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.
- This UV-C product is intended to be used for the disinfection of Indoor air, not approved/certified as medical device.
- Designed to avoid UV-C leakage, in case leakage due to product damage or similar incident, please stop using and report back to Signify sales representatives.
- Please contact manufacture or its maintenance department and other similar professionals for repair. When the product is working normally, the UV C radiation at 200mm from the product is less than 1mW/m. If the power cord is damaged, it must be replaced with a dedicated cord or with a dedicated component purchased from its manufacturer or maintenance department.
- UV-C exposed luminaire parts (other than metal parts), like Lamp holder, end cap etc. might change color after a certain period of usage due to the UV C light property.
- UV-C light emitted from UVC lamp is much “stronger” than normal sunlight and can cause a severe sunburn like reaction to your skin, and similarly, could damage the retina of your eye, if exposed.
- Children should be supervised to ensure that they do not play with the appliance.
- In case of accidental breakage of the lamp tube, it should be ventilated for 30 minutes first.

## Versions



UVCA220



UVCA120

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## Dimensional drawing



General Information	
ENEC mark	-
Flammability mark	-
Gear	-
Number of gear units	1 unit
EU RoHS compliant	Yes
Warranty period	1 years
Light Technical	
Number of light sources	4
Optic type	-
Operating and Electrical	
Number of products on MCB of 16 A type B	-
Temperature	
Ambient temperature range	+5 to +40 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Plastic
Optic material	-
Reflector material	-
Approval and Application	
Protection class IEC	Safety class II
Mech. impact protection code	-
Initial Performance (IEC Compliant)	
Power consumption tolerance	+/-10%

## General Information

Order Code	Full Product Name	CE mark	Glow-wire test
911401563191	UVCA220 W01	CE mark	Temperature 850 °C, duration 5 s
911401563291	UVCA220 W02	CE mark	Temperature 850 °C, duration 5 s
911401563781	UVCA110 G02	-	Temperature 750 °C, duration 5 s
911401564181	UVCA110 G06	-	Temperature 750 °C, duration 5 s
911401561891	UVCA120 W02	CE mark	Temperature 850 °C, duration 5 s
911401565281	UVCA210 G02	-	Temperature 750 °C, duration 5 s
911401565681	UVCA210 G06	-	Temperature 750 °C, duration 5 s

## Operating and Electrical (1/2)

## UV-C disinfection air unit G2

Full Product				Inrush	Inrush
Order Code	Name	Cable	Connection	current	time
911401563191	UVCA220 W01	-	Push-in connector 2-pole	31 A	520 ms
911401563291	UVCA220 W02	-	Push-in connector 2-pole	31 A	520 ms
911401563781	UVCA110 G02	Cable 1.8 m without plug	Plug-in connector 2-pole	34 A	550 ms
911401564181	UVCA110 G06	Cable 1.8 m without plug	Plug-in connector 2-pole	34 A	550 ms

Full Product				Inrush	Inrush
Order Code	Name	Cable	Connection	current	time
911401561891	UVCA120 W02	-	Push-in connector 2-pole	34 A	550 ms
911401565281	UVCA210 G02	Cable 1.8 m without plug	Plug-in connector 2-pole	31 A	520 ms
911401565681	UVCA210 G06	Cable 1.8 m without plug	Plug-in connector 2-pole	31 A	520 ms

### Operating and Electrical (2/2)

Order Code	Full Product Name	Input Voltage	Power Factor (Fraction)
911401563191	UVCA220 W01	220-240 V	0.95
911401563291	UVCA220 W02	220-240 V	0.95
911401563781	UVCA110 G02	220 to 240 V	0.9
911401564181	UVCA110 G06	220 to 240 V	0.9

Order Code	Full Product Name	Input Voltage	Power Factor (Fraction)
911401561891	UVCA120 W02	220-240 V	0.9
911401565281	UVCA210 G02	220 to 240 V	0.95
911401565681	UVCA210 G06	220 to 240 V	0.95

### Mechanical and Housing

Order Code	Full Product Name	Housing Color	Overall height
911401563191	UVCA220 W01	White	700 mm
911401563291	UVCA220 W02	White	700 mm
911401563781	UVCA110 G02	Gray	560 mm
911401564181	UVCA110 G06	Gray	560 mm

Order Code	Full Product Name	Housing Color	Overall height
911401561891	UVCA120 W02	White	560 mm
911401565281	UVCA210 G02	Gray	700 mm
911401565681	UVCA210 G06	Gray	700 mm

### Approval and Application

Order Code	Full Product Name	Ingress protection code
911401563191	UVCA220 W01	IP20
911401563291	UVCA220 W02	IP20
911401563781	UVCA110 G02	-
911401564181	UVCA110 G06	-

Order Code	Full Product Name	Ingress protection code
911401561891	UVCA120 W02	IP20
911401565281	UVCA210 G02	-
911401565681	UVCA210 G06	-

### UV

Order Code	Full Product Name	UV-C irradiance defined at 0.2m
911401563191	UVCA220 W01	-
911401563291	UVCA220 W02	-
911401563781	UVCA110 G02	0.1 µW/cm²
911401564181	UVCA110 G06	0.1 µW/cm²

Order Code	Full Product Name	UV-C irradiance defined at 0.2m
911401561891	UVCA120 W02	-
911401565281	UVCA210 G02	0.1 µW/cm²
911401565681	UVCA210 G06	0.1 µW/cm²

### Application Conditions

Order Code	Full Product Name	Suitable for random switching
911401563191	UVCA220 W01	No
911401563291	UVCA220 W02	No
911401563781	UVCA110 G02	Not applicable
911401564181	UVCA110 G06	Not applicable

Order Code	Full Product Name	Suitable for random switching
911401561891	UVCA120 W02	No
911401565281	UVCA210 G02	Not applicable
911401565681	UVCA210 G06	Not applicable

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