



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: 50m³ of room space; Up to 400 m³ per hour
- Medium size: 33m³ of room space; Up to 260m³ 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.
- This UV-C product is not approved and/or certified as a medical device.
- The back cover must be closed properly before disinfection, otherwise the UVC lamp won't work.
- Product is designed to avoid any kind of UV-C leakage, in case there is a leakage due to product damage or similar incident, please stop using and report back to Signify sales representatives. Signify will not be responsible for any accidents/injuries caused by exposure to UV C light.
- Please contact manufacture or its maintenance department and other similar professionals for repair. When the product is working normally, the UV C radiation at 200 mm from
- the product is less than 1 mW/m. If the power cable is damaged, it must be replaced with a dedicated cable 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 colour 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.
- This appliance 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.
- 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.
- Please remove the debris with gloves, put it in a sealed plastic bag and take it to a local waste disposal site for safe disposal.

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Versions

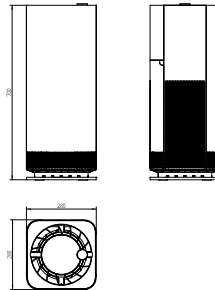
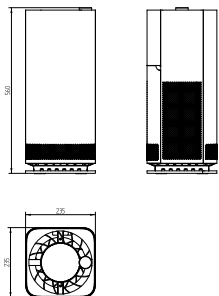


UVCA220

UVCA120

UVCA210 Air Disinfection unit

Dimensional drawing



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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	-
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Temperature

Ambient temperature range	+5 to +40 °C
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Controls and Dimming

Dimmable	No
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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%
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General Information

Order Code	Full Product Name	CE mark	Glow-wire test
93043800	UVCA220 W02	CE mark	Temperature 850 °C, duration 5 s
54244000	UVCA110 G02	-	Temperature 750 °C, duration 5 s
54227300	UVCA110 G06	-	Temperature 750 °C, duration 5 s
93030800	UVCA120 W02	CE mark	Temperature 850 °C, duration 5 s
54216700	UVCA210 G02	-	Temperature 750 °C, duration 5 s
54199300	UVCA210 G06	-	Temperature 750 °C, duration 5 s

Operating and Electrical (1/2)

Order Code	Full Product			Inrush current	Inrush time
	Name	Cable	Connection		
93043800	UVCA220 W02	-	Push-in connector 2-pole	31 A	520 ms
54244000	UVCA110 G02	Cable 1.8 m without plug	Plug-in connector 2-pole	34 A	550 ms
54227300	UVCA110 G06	Cable 1.8 m without plug	Plug-in connector 2-pole	34 A	550 ms

Order Code	Full Product			Inrush current	Inrush time
	Name	Cable	Connection		
93030800	UVCA120 W02	-	Push-in connector 2-pole	34 A	550 ms
54216700	UVCA210 G02	Cable 1.8 m without plug	Plug-in connector 2-pole	31 A	520 ms
54199300	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)
93043800	UVCA220 W02	220-240 V	0.95
54244000	UVCA110 G02	220 to 240 V	0.9
54227300	UVCA110 G06	220 to 240 V	0.9

Order Code	Full Product Name	Input Voltage	Power Factor (Fraction)
93030800	UVCA120 W02	220-240 V	0.9
54216700	UVCA210 G02	220 to 240 V	0.95
54199300	UVCA210 G06	220 to 240 V	0.95

Mechanical and Housing

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Order Code	Full Product Name	Housing Color	Overall height
93043800	UVCA220 W02	White	700 mm
54244000	UVCA110 G02	Gray	560 mm
54227300	UVCA110 G06	Gray	560 mm

Order Code	Full Product Name	Housing Color	Overall height
93030800	UVCA120 W02	White	560 mm
54216700	UVCA210 G02	Gray	700 mm
54199300	UVCA210 G06	Gray	700 mm

Approval and Application

Order Code	Full Product Name	Ingress protection code
93043800	UVCA220 W02	IP20
54244000	UVCA110 G02	-
54227300	UVCA110 G06	-

Order Code	Full Product Name	Ingress protection code
93030800	UVCA120 W02	IP20
54216700	UVCA210 G02	-
54199300	UVCA210 G06	-

UV

Order Code	Full Product Name	UV-C irradiance defined at 0.2m
93043800	UVCA220 W02	-
54244000	UVCA110 G02	0.1 $\mu\text{W}/\text{cm}^2$
54227300	UVCA110 G06	0.1 $\mu\text{W}/\text{cm}^2$

Order Code	Full Product Name	UV-C irradiance defined at 0.2m
93030800	UVCA120 W02	-
54216700	UVCA210 G02	0.1 $\mu\text{W}/\text{cm}^2$
54199300	UVCA210 G06	0.1 $\mu\text{W}/\text{cm}^2$

Application Conditions

Order Code	Full Product Name	Suitable for random switching
93043800	UVCA220 W02	No
54244000	UVCA110 G02	Not applicable
54227300	UVCA110 G06	Not applicable

Order Code	Full Product Name	Suitable for random switching
93030800	UVCA120 W02	No
54216700	UVCA210 G02	Not applicable
54199300	UVCA210 G06	Not applicable

