



UV-C disinfection air unit G2

UVCA210 G02

4, 16 W, 220 to 240 V, 50 to 60 Hz, Safety class II

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.

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.

Product data

UV-C disinfection air unit G2

General Information	
Number of gear units	1 unit
Gear	-
CE mark	-
Warranty period	1 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 750 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Number of light sources	4
Beam angle of light source	- degree(s)
Optic type	-
Luminaire light beam spread	-

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	31 A
Inrush time	520 ms
Power Consumption	16 W
Power Factor (Fraction)	0.95
Connection	Plug-in connector 2-pole
Cable	Cable 1.8 m without plug
Number of products on MCB of 16 A type B	-

Temperature	
Ambient temperature range	+5 to +40 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Plastic
Reflector material	-
Optic material	-

Housing Color	Gray
Mounting device	-
Overall length	280 mm
Overall width	280 mm
Overall height	700 mm
Dimensions (Height x Width x Depth)	700 x 280 x 280 mm

Approval and Application	
Ingress protection code	-
Mech. impact protection code	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

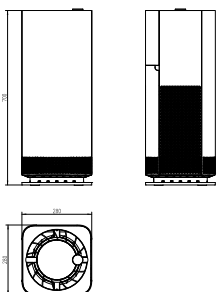
UV	
UV-C irradiance defined at 0.2m	0.1 μW/cm ²

Initial Performance (IEC Compliant)	
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)
Suitable for random switching	Not applicable

Product Data	
Order product name	UVCA210 G02
Full product name	UVCA210 G02
Full product code	871951454216700
Order code	911401565281
Material Nr. (12NC)	911401565281
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514542167
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514542303

Dimensional drawing



UV-C disinfection air unit G2

