



UV-C Air Disinfection Unit - effective against: Virus & Bacteria and SARS-CoV-2* (*SARS-CoV-2 test is ongoing)

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
- Small size: 10m³ of room space; Up to 80m³ 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 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. 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.

Versions



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Application Conditions

Ambient temperature range	+5 to +40 °C
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	-
Ingress protection code	-

Controls and Dimming

Dimmable	No
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General Information

Protection class IEC	Safety class II
Connection	Plug-in connector 2-pole
ENEC mark	-
Flammability mark	-
Gear	-
Glow-wire test	Temperature 750 °C, duration 5 s
Number of gear units	1 unit
Number of products on MCB of 16 A type B	-
Optic type	-
EU RoHS compliant	Yes
Warranty period	1 years

Initial Performance (IEC Compliant)

Power consumption tolerance	+/-10%
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Mechanical and Housing

Color	Gray
Housing Material	Plastic
Optic material	-
Reflector material	-

UV

UV-C irradiance defined at 20cm	0.1 µW/cm ²
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Operating and Electrical (1/2)

Order Code	Full Product Name	Inrush current	Inrush time	Input Frequency	Input Voltage
911401562181	UVCA010 Air Disinfection unit-01	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562281	UVCA010 Air Disinfection unit-02	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562381	UVCA010 Air Disinfection unit-03	24 A	380 ms	50 or 60 Hz	220 to 240 V
911401562481	UVCA010 Air Disinfection unit-04	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562581	UVCA010 Air Disinfection unit-05	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562681	UVCA010 Air Disinfection unit-06	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562781	UVCA010 Air Disinfection unit-07	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562881	UVCA010 Air Disinfection unit-08	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401562981	UVCA010 Air Disinfection unit-09	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401563081	UVCA010 Air Disinfection unit-10	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401563181	UVCA010 Air Disinfection unit-11	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401563281	UVCA010 Air Disinfection unit-12	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401563381	UVCA010 Air Disinfection unit-16	10 A	440 ms	50 to 60 Hz	100 V
911401563481	UVCA010 Air Disinfection unit-17	24 A	380 ms	50 to 60 Hz	220 to 240 V
911401563681	UVCA110 Air Disinfection unit-01	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401563781	UVCA110 Air Disinfection unit-02	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401563881	UVCA110 Air Disinfection unit-03	34 A	550 ms	50 or 60 Hz	220 to 240 V
911401563981	UVCA110 Air Disinfection unit-04	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564081	UVCA110 Air Disinfection unit-05	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564181	UVCA110 Air Disinfection unit-06	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564281	UVCA110 Air Disinfection unit-07	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564381	UVCA110 Air Disinfection unit-08	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564481	UVCA110 Air Disinfection unit-09	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564581	UVCA110 Air Disinfection unit-10	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564681	UVCA110 Air Disinfection unit-11	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564781	UVCA110 Air Disinfection unit-12	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401564881	UVCA110 Air Disinfection unit-16	9 A	490 ms	50 to 60 Hz	100 V
911401564981	UVCA110 Air Disinfection unit-17	34 A	550 ms	50 to 60 Hz	220 to 240 V
911401565181	UVCA210 Air Disinfection unit-01	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565281	UVCA210 Air Disinfection unit-02	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565381	UVCA210 Air Disinfection unit-03	31 A	520 ms	50 or 60 Hz	220 to 240 V
911401565481	UVCA210 Air Disinfection unit-04	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565581	UVCA210 Air Disinfection unit-05	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565681	UVCA210 Air Disinfection unit-06	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565781	UVCA210 Air Disinfection unit-07	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565881	UVCA210 Air Disinfection unit-08	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401565981	UVCA210 Air Disinfection unit-09	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401566081	UVCA210 Air Disinfection unit-10	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401566181	UVCA210 Air Disinfection unit-11	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401566281	UVCA210 Air Disinfection unit-12	31 A	520 ms	50 to 60 Hz	220 to 240 V
911401566381	UVCA210 Air Disinfection unit-16	12 A	550 ms	50 to 60 Hz	100 V
911401566481	UVCA210 Air Disinfection unit-17	31 A	520 ms	50 to 60 Hz	220 to 240 V

Operating and Electrical (2/2)

Order Code	Full Product Name	Power Factor (Min)	Order Code	Full Product Name	Power Factor (Min)
911401562181	UVCA010 Air Disinfection unit-01	0.85	911401562581	UVCA010 Air Disinfection unit-05	0.85
911401562281	UVCA010 Air Disinfection unit-02	0.85	911401562681	UVCA010 Air Disinfection unit-06	0.85
911401562381	UVCA010 Air Disinfection unit-03	0.85	911401562781	UVCA010 Air Disinfection unit-07	0.85
911401562481	UVCA010 Air Disinfection unit-04	0.85	911401562881	UVCA010 Air Disinfection unit-08	0.85

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Order Code	Full Product Name	Power Factor (Min)
911401562981	UVCA010 Air Disinfection unit-09	0.85
911401563081	UVCA010 Air Disinfection unit-10	0.85
911401563181	UVCA010 Air Disinfection unit-11	0.85
911401563281	UVCA010 Air Disinfection unit-12	0.85
911401563381	UVCA010 Air Disinfection unit-16	0.95
911401563481	UVCA010 Air Disinfection unit-17	0.85
911401563681	UVCA110 Air Disinfection unit-01	0.9
911401563781	UVCA110 Air Disinfection unit-02	0.9
911401563881	UVCA110 Air Disinfection unit-03	0.9
911401563981	UVCA110 Air Disinfection unit-04	0.9
911401564081	UVCA110 Air Disinfection unit-05	0.9
911401564181	UVCA110 Air Disinfection unit-06	0.9
911401564281	UVCA110 Air Disinfection unit-07	0.9
911401564381	UVCA110 Air Disinfection unit-08	0.9
911401564481	UVCA110 Air Disinfection unit-09	0.9
911401564581	UVCA110 Air Disinfection unit-10	0.9
911401564681	UVCA110 Air Disinfection unit-11	0.9

Order Code	Full Product Name	Power Factor (Min)
911401564781	UVCA110 Air Disinfection unit-12	0.9
911401564881	UVCA110 Air Disinfection unit-16	0.95
911401564981	UVCA110 Air Disinfection unit-17	0.9
911401565181	UVCA210 Air Disinfection unit-01	0.95
911401565281	UVCA210 Air Disinfection unit-02	0.95
911401565381	UVCA210 Air Disinfection unit-03	0.95
911401565481	UVCA210 Air Disinfection unit-04	0.95
911401565581	UVCA210 Air Disinfection unit-05	0.95
911401565681	UVCA210 Air Disinfection unit-06	0.95
911401565781	UVCA210 Air Disinfection unit-07	0.95
911401565881	UVCA210 Air Disinfection unit-08	0.95
911401565981	UVCA210 Air Disinfection unit-09	0.95
911401566081	UVCA210 Air Disinfection unit-10	0.95
911401566181	UVCA210 Air Disinfection unit-11	0.95
911401566281	UVCA210 Air Disinfection unit-12	0.95
911401566381	UVCA210 Air Disinfection unit-16	0.95
911401566481	UVCA210 Air Disinfection unit-17	0.95

General Information

Order Code	Full Product Name	Cable	CE mark	Number of light sources
911401562181	UVCA010 Air Disinfection unit-01	Cable 1.5 m with plug	-	2 pcs
911401562281	UVCA010 Air Disinfection unit-02	Cable 1.5 m with plug	-	2 pcs
911401562381	UVCA010 Air Disinfection unit-03	Cable 1.5 m with plug	-	2 pcs
911401562481	UVCA010 Air Disinfection unit-04	Cable 1.5 m with plug	-	2 pcs
911401562581	UVCA010 Air Disinfection unit-05	Cable 1.5 m with plug	-	2 pcs
911401562681	UVCA010 Air Disinfection unit-06	Cable 1.5 m with plug	-	2 pcs
911401562781	UVCA010 Air Disinfection unit-07	Cable 1.5 m with plug	-	2 pcs
911401562881	UVCA010 Air Disinfection unit-08	Cable 1.5 m with plug	-	2 pcs
911401562981	UVCA010 Air Disinfection unit-09	Cable 1.5 m with plug	-	2 pcs
911401563081	UVCA010 Air Disinfection unit-10	Cable 1.5 m with plug	-	2 pcs
911401563181	UVCA010 Air Disinfection unit-11	Cable 1.5 m with plug	-	2 pcs
911401563281	UVCA010 Air Disinfection unit-12	Cable 1.5 m with plug	-	2 pcs
911401563381	UVCA010 Air Disinfection unit-16	Cable 1.5 m with plug	-	2 pcs
911401563481	UVCA010 Air Disinfection unit-17	Cable 1.5 m with plug	-	2 pcs
911401563681	UVCA110 Air Disinfection unit-01	Cable 1.8 m without plug	-	4 pcs

Order Code	Full Product Name	Cable	CE mark	Number of light sources
911401563781	UVCA110 Air Disinfection unit-02	Cable 1.8 m without plug	-	4 pcs
911401563881	UVCA110 Air Disinfection unit-03	Cable 1.8 m without plug	-	4 pcs
911401563981	UVCA110 Air Disinfection unit-04	Cable 1.8 m without plug	-	4 pcs
911401564081	UVCA110 Air Disinfection unit-05	Cable 1.8 m without plug	-	4 pcs
911401564181	UVCA110 Air Disinfection unit-06	Cable 1.8 m without plug	-	4 pcs
911401564281	UVCA110 Air Disinfection unit-07	Cable 1.8 m without plug	-	4 pcs
911401564381	UVCA110 Air Disinfection unit-08	Cable 1.8 m without plug	-	4 pcs
911401564481	UVCA110 Air Disinfection unit-09	Cable 1.8 m without plug	-	4 pcs
911401564581	UVCA110 Air Disinfection unit-10	Cable 1.8 m without plug	-	4 pcs
911401564681	UVCA110 Air Disinfection unit-11	Cable 1.8 m without plug	CE mark	4 pcs
911401564781	UVCA110 Air Disinfection unit-12	Cable 1.8 m without plug	-	4 pcs
911401564881	UVCA110 Air Disinfection unit-16	Cable 1.8 m without plug	-	4 pcs
911401564981	UVCA110 Air Disinfection unit-17	Cable 1.8 m without plug	-	4 pcs
911401565181	UVCA210 Air Disinfection unit-01	Cable 1.8 m without plug	-	4 pcs
911401565281	UVCA210 Air Disinfection unit-02	Cable 1.8 m without plug	-	4 pcs

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Order Code	Full Product Name	Cable	CE mark	Number of light sources
911401565381	UVCA210 Air Disinfection unit-03	Cable 1.8 m without plug	-	4 pcs
911401565481	UVCA210 Air Disinfection unit-04	Cable 1.8 m without plug	-	4 pcs
911401565581	UVCA210 Air Disinfection unit-05	Cable 1.8 m without plug	-	4 pcs
911401565681	UVCA210 Air Disinfection unit-06	Cable 1.8 m without plug	-	4 pcs
911401565781	UVCA210 Air Disinfection unit-07	Cable 1.8 m without plug	-	4 pcs
911401565881	UVCA210 Air Disinfection unit-08	Cable 1.8 m without plug	-	4 pcs

Order Code	Full Product Name	Cable	CE mark	Number of light sources
911401565981	UVCA210 Air Disinfection unit-09	Cable 1.8 m without plug	-	4 pcs
911401566081	UVCA210 Air Disinfection unit-10	Cable 1.8 m without plug	-	4 pcs
911401566181	UVCA210 Air Disinfection unit-11	Cable 1.8 m without plug	CE mark	4 pcs
911401566281	UVCA210 Air Disinfection unit-12	Cable 1.8 m without plug	-	4 pcs
911401566381	UVCA210 Air Disinfection unit-16	Cable 1.8 m without plug	-	4 pcs
911401566481	UVCA210 Air Disinfection unit-17	Cable 1.8 m without plug	-	4 pcs

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial input power
911401562181	UVCA010 Air Disinfection unit-01	9 W
911401562281	UVCA010 Air Disinfection unit-02	9 W
911401562381	UVCA010 Air Disinfection unit-03	9 W
911401562481	UVCA010 Air Disinfection unit-04	9 W
911401562581	UVCA010 Air Disinfection unit-05	9 W
911401562681	UVCA010 Air Disinfection unit-06	9 W
911401562781	UVCA010 Air Disinfection unit-07	9 W
911401562881	UVCA010 Air Disinfection unit-08	9 W
911401562981	UVCA010 Air Disinfection unit-09	9 W
911401563081	UVCA010 Air Disinfection unit-10	9 W
911401563181	UVCA010 Air Disinfection unit-11	9 W
911401563281	UVCA010 Air Disinfection unit-12	9 W
911401563381	UVCA010 Air Disinfection unit-16	9 W
911401563481	UVCA010 Air Disinfection unit-17	9 W
911401563681	UVCA110 Air Disinfection unit-01	11 W
911401563781	UVCA110 Air Disinfection unit-02	11 W
911401563881	UVCA110 Air Disinfection unit-03	11 W
911401563981	UVCA110 Air Disinfection unit-04	11 W
911401564081	UVCA110 Air Disinfection unit-05	11 W
911401564181	UVCA110 Air Disinfection unit-06	11 W
911401564281	UVCA110 Air Disinfection unit-07	11 W

Order Code	Full Product Name	Initial input power
911401564381	UVCA110 Air Disinfection unit-08	11 W
911401564481	UVCA110 Air Disinfection unit-09	11 W
911401564581	UVCA110 Air Disinfection unit-10	11 W
911401564681	UVCA110 Air Disinfection unit-11	11 W
911401564781	UVCA110 Air Disinfection unit-12	11 W
911401564881	UVCA110 Air Disinfection unit-16	11 W
911401564981	UVCA110 Air Disinfection unit-17	11 W
911401565181	UVCA210 Air Disinfection unit-01	16 W
911401565281	UVCA210 Air Disinfection unit-02	16 W
911401565381	UVCA210 Air Disinfection unit-03	16 W
911401565481	UVCA210 Air Disinfection unit-04	16 W
911401565581	UVCA210 Air Disinfection unit-05	16 W
911401565681	UVCA210 Air Disinfection unit-06	16 W
911401565781	UVCA210 Air Disinfection unit-07	16 W
911401565881	UVCA210 Air Disinfection unit-08	16 W
911401565981	UVCA210 Air Disinfection unit-09	16 W
911401566081	UVCA210 Air Disinfection unit-10	16 W
911401566181	UVCA210 Air Disinfection unit-11	16 W
911401566281	UVCA210 Air Disinfection unit-12	16 W
911401566381	UVCA210 Air Disinfection unit-16	16 W
911401566481	UVCA210 Air Disinfection unit-17	16 W

Mechanical and Housing

Order Code	Full Product Name	Overall height
911401562181	UVCA010 Air Disinfection unit-01	300 mm
911401562281	UVCA010 Air Disinfection unit-02	300 mm
911401562381	UVCA010 Air Disinfection unit-03	300 mm
911401562481	UVCA010 Air Disinfection unit-04	300 mm
911401562581	UVCA010 Air Disinfection unit-05	300 mm
911401562681	UVCA010 Air Disinfection unit-06	300 mm
911401562781	UVCA010 Air Disinfection unit-07	300 mm
911401562881	UVCA010 Air Disinfection unit-08	300 mm
911401562981	UVCA010 Air Disinfection unit-09	300 mm

Order Code	Full Product Name	Overall height
911401563081	UVCA010 Air Disinfection unit-10	300 mm
911401563181	UVCA010 Air Disinfection unit-11	300 mm
911401563281	UVCA010 Air Disinfection unit-12	300 mm
911401563381	UVCA010 Air Disinfection unit-16	300 mm
911401563481	UVCA010 Air Disinfection unit-17	300 mm
911401563681	UVCA110 Air Disinfection unit-01	560 mm
911401563781	UVCA110 Air Disinfection unit-02	560 mm
911401563881	UVCA110 Air Disinfection unit-03	560 mm
911401563981	UVCA110 Air Disinfection unit-04	560 mm

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Order Code	Full Product Name	Overall height	Order Code	Full Product Name	Overall height
911401564081	UVCA110 Air Disinfection unit-05	560 mm	911401565381	UVCA210 Air Disinfection unit-03	700 mm
911401564181	UVCA110 Air Disinfection unit-06	560 mm	911401565481	UVCA210 Air Disinfection unit-04	700 mm
911401564281	UVCA110 Air Disinfection unit-07	560 mm	911401565581	UVCA210 Air Disinfection unit-05	700 mm
911401564381	UVCA110 Air Disinfection unit-08	560 mm	911401565681	UVCA210 Air Disinfection unit-06	700 mm
911401564481	UVCA110 Air Disinfection unit-09	560 mm	911401565781	UVCA210 Air Disinfection unit-07	700 mm
911401564581	UVCA110 Air Disinfection unit-10	560 mm	911401565881	UVCA210 Air Disinfection unit-08	700 mm
911401564681	UVCA110 Air Disinfection unit-11	560 mm	911401565981	UVCA210 Air Disinfection unit-09	700 mm
911401564781	UVCA110 Air Disinfection unit-12	560 mm	911401566081	UVCA210 Air Disinfection unit-10	700 mm
911401564881	UVCA110 Air Disinfection unit-16	560 mm	911401566181	UVCA210 Air Disinfection unit-11	700 mm
911401564981	UVCA110 Air Disinfection unit-17	560 mm	911401566281	UVCA210 Air Disinfection unit-12	700 mm
911401565181	UVCA210 Air Disinfection unit-01	700 mm	911401566381	UVCA210 Air Disinfection unit-16	700 mm
911401565281	UVCA210 Air Disinfection unit-02	700 mm	911401566481	UVCA210 Air Disinfection unit-17	700 mm

