



Aesthetic portable disinfection device without installation (DESIGNED FOR PROFESSIONAL)

UV-C disinfection floor standing air unit

The Philips UV-C disinfection air unit is a powerful and effective way to disinfect circulating air. It draws air into the unit where UV-C radiation inactivates up to 95% of micro-organisms in 80m³ within just 1 hour (circular coverage 28m²)(1). With no need for mounting, the free standing unit can be wheeled into place in a wide range of professional applications, from offices and retail to hospitality. The aesthetic design delivers well-controlled UV-C radiation (RG0) and can also be used when people are present.

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Benefits

- Achieves 95% air disinfection in 80m³ in 1 hour(1).
- Circular coverage of 28m².
- No fixed installation or mounting required and replaceable in the room.
- Reliable and strong UV-C irradiance inner chamber.
- User-friendly interface with clear display and range of flexible options.
- User-friendly interface with clear display and simple buttons, full range of flexible options.
- Aesthetic design.
- Mechanical safety and germicidal effectiveness validated by independent scientific reports: Germicidal effectiveness validated by test report(1). Easy maintenance with display notification for spare parts.
- (1) Henan Zhongke Lianchuang Test Service Co., Ltd Test conclusion: Philips UV-C Disinfection air unit (UVCA200) was operated for 60min and 120min respectively in the 80m³ test chamber, and the killing rate of natural bacteria in the air was ≥95% in each test which met the requirement of WS/T648-2019 《General hygienic requirement for air disinfecting machine》

Features

- Housing material: anti UV plastic.
- Philips UV-C lamp: 4*18W PL-L version.
- Philips Ballast: HFP 236.
- Touch panel: timer button 30/60/120mins & On options, Fan speed button with low, medium and high options, lock button to avoid unwanted operations, power on/off button.
- Display on user interface, which starts counting down on pre-set disinfection duration.
- Safety start, UVC lamp can only be lighted on when the back cover of UVC inner chamber has been well assembled.
- Four wheels for portable & flexible movement.

Application

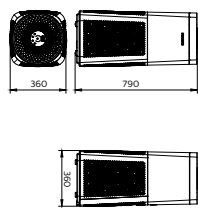
- Hair and beauty salons
- Hotel rooms
- Restaurants
- Small meeting rooms in offices and banking
- Classrooms in schools and kindergartens
- Waiting rooms in clinics

Warnings and Safety

- Warnings and safety: 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.
- DISCLAIMER: The UV-C air unit 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 active air will protect or prevent any user from infection and/or contamination with any viruses, bacteria, protozoa, fungi, illness or disease. The UV-C disinfection air unit is not approved for, is not intended for and must not be used to disinfect medical devices. 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 air unit, 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 air unit 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.

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Dimensional drawing



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General Information	
Gear	-
Number of gear units	1 unit
Warranty period	1 years
Light Technical	
Optic type	-
Operating and Electrical	
Cable	-
Protection class IEC	Safety class II
Connection	Connection unit 3-pole
Number of products on MCB of 16 A type B	-
Power Factor (Fraction)	0.9
Suitable for random switching	No
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	White
Housing Material	Plastic
Mech. impact protection code	-
Ingress protection code	IP20
Optic material	-
Reflector material	-
Overall height	839 mm
Approval and Application	
Ambient temperature range	+5 to +40 °C
CE mark	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Power consumption tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Number of light sources
911401538981	UVCA200 128W 16	4
911401703643	UVCA100 84W 04	2
911401703723	UVCA100 84W 12	2
911401703733	UVCA200 120W 01	4
911401703743	UVCA200 120W 02	4
911401703753	UVCA200 120W 03	4
911401703763	UVCA200 120W 04	4
911401703773	UVCA200 120W 05	4
911401703793	UVCA200 120W 07	4
911401703803	UVCA200 120W 08	4
911401703813	UVCA200 120W 09	4
911401703823	UVCA200 120W 10	4
911401703843	UVCA200 120W 12	4

Operating and Electrical

Order Code	Full Product Name	Inrush current	Inrush time	Input Voltage
911401538981	UVCA200 128W 16	20 A	0.225 ms	110 to 140 V
911401703643	UVCA100 84W 04	18 A	0.25 ms	220-240 V
911401703723	UVCA100 84W 12	18 A	0.25 ms	220-240 V
911401703733	UVCA200 120W 01	25 A	0.25 ms	220-240 V
911401703743	UVCA200 120W 02	25 A	0.25 ms	220-240 V
911401703753	UVCA200 120W 03	25 A	0.25 ms	220-240 V
911401703763	UVCA200 120W 04	25 A	0.25 ms	220-240 V

Order Code	Full Product Name	Inrush current	Inrush time	Input Voltage
911401703773	UVCA200 120W 05	25 A	0.25 ms	220-240 V
911401703793	UVCA200 120W 07	25 A	0.25 ms	220-240 V
911401703803	UVCA200 120W 08	25 A	0.25 ms	220-240 V
911401703813	UVCA200 120W 09	20 A	0.225 ms	110 to 140 V
911401703823	UVCA200 120W 10	25 A	0.25 ms	220-240 V
911401703843	UVCA200 120W 12	25 A	0.25 ms	220-240 V

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