



DAKRO
E N V I R O N M E N T A L
Your safe air & water partner



UV-C Floor standing air unit

UVCA200 EU 4xPL-L 18W/TUV HFP

4 pcs - HF Performer - White - 120 W - 220 to 240 V

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 90% of micro-organisms in 80 m³ within just 1 hour (circular coverage 28 m²)(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.

Warnings and Safety

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- 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 disinfection air unit's 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 air unit 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 and must not be used in medical settings. 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 disinfection 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 disinfection air unit outside of their intended use or contrary to their installation and operation instructions, each as described in this document, the user manuals and/or the mounting instructions.

UV-C Floor standing air unit

Product data

General Information	
Number of light sources	4 [4 pcs]
Beam angle of light source	- °
Number of gear units	1 unit
Gear	HFP [HF Performer]
Optic type	No [-]
Luminaire light beam spread	-
Control interface	-
Connection	Plug-in connector 2-pole
Cable	Cable 1.0 m with plug 2-pole
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB (16 A type B)	14
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.02 m
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	36 A
Inrush time	0.25 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	-
Optic material	-
Mounting device	No [-]

Overall length	360 mm
Overall width	360 mm
Overall height	790 mm
Colour	White
Dimensions (height x width x depth)	790 x 360 x 360 mm (31.1 x 14.2 x 14.2 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

UV

UV-C radiation	64 W
UV-C irradiance defined at 2 m	0 µW/cm²
UV-C irradiance defined at 20 cm	0 µW/cm²

Initial Performance (IEC Compliant)

Initial input power	120 W
Power consumption tolerance	+/-10%

Application Conditions

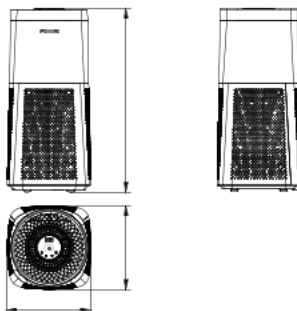
Ambient temperature range	+20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871951453101700
Order product name	UVCA200 EU 4xPL-L 18W/TUV HFP
EAN/UPC – product	8719514531017
Order code	53101700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401548581
SAP net weight (piece)	12.400 kg



Dimensional drawing



UV-C disinfection devices

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ENVIRONMENTAL

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