



UV-C disinfection floor standing air unit

UVCA200 EU 4xPL-L 18W/TUV HFP

4, 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 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.

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.

Product data

UV-C disinfection floor standing air unit

General Information	
Number of gear units	1 unit
Gear	HFP [HF Performer]

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 or 60 Hz
Inrush current	36 A
Inrush time	0.25 ms
Power Consumption	120 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole
Cable	Cable 1.0 m with plug 2-pole
Number of products on MCB of 16 A type B 14	

Temperature	
Ambient temperature range	+20 to +40 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Housing Color	White
Mounting device	-
Optical cover/lens finish	Textured
Overall length	360 mm
Overall width	360 mm
Overall height	790 mm
Dimensions (Height x Width x Depth)	790 x 360 x 360 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Air volume	85 to 550 (-/+10%) m³/h
Noise level	36-71 dB(A)
Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Warranty period	1 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.02 m
EU RoHS compliant	Yes

UV	
UV-C radiation	18.8 W
UV-C irradiance defined at 2m	0 mW/m²
UV-C irradiance defined at 0.2m	0 mW/m²

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

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data	
Full product code	871951453101700
Order product name	UVCA200 EU 4xPL-L 18W/TUV HFP
Order code	911401548581
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401548581
Full product name	UVCA200 EU 4xPL-L 18W/TUV HFP
EAN/UPC - Case	8719514531017

UV-C disinfection floor standing air unit

Dimensional drawing

