

**PHILIPS**

Special Lighting

UV Purification



# UVC Portable Air Disinfection

*Trusted Solutions That Work*

## Trusted performance, everyday.

For nearly 50 years Phillips has been providing UVC solutions from drinking water purification, surface decontamination to air purification.

As one of the original pioneers of UVC solutions Phillips has a long history of providing quality, safe and reliable solutions.

## Features & Benefits

- ✓ Industry best 254nm UVC tubes
- ✓ Non ionizing, ozone free technology
- ✓ Safe for use in occupied areas
- ✓ Tough commercial grade design
- ✓ Fully serviceable with replaceable UVC tubes (tube life approx. 9000hrs)

## Applications

- ✓ Hotels
- ✓ Offices
- ✓ Meeting Rooms
- ✓ Accommodation blocks
- ✓ Lounges

## Product highlights

OZONE  
FREE

254nm  
TECHNOLOGY

NON  
IONIZING

1 YEAR  
WARRANTY

# Production Data

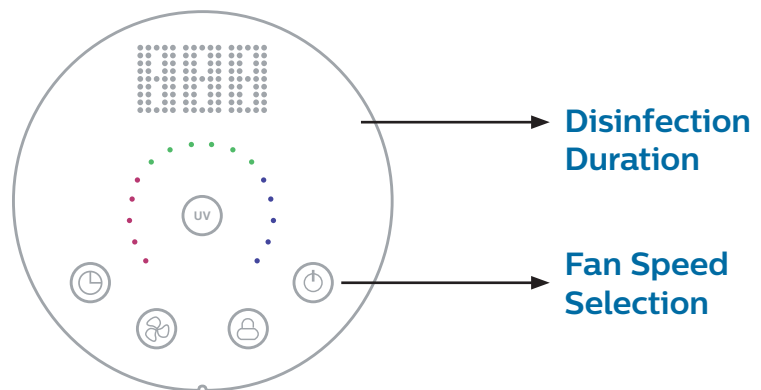
## UVC Portable Disinfection Unit Specifications

Disinfection Performance:	99.9% in 20m3 / 90% in 80m3 (over a 2hr operation period)
Power Consumption	120W ±10%
Surge Protection	2kV
UVC Built in Lamps	4 x 18W PL-L (Replaceable)
UVC Wavelength	254nm
Ballast	HFP 218/236
Timer	30/60/120 mins ; constant on
UVC lamp maintain	Yes
Indicator for lamp maintenance	Yes
Safety start	Yes
Wind Speed	3 Step
Air Exchange Volume	550±10% <sup>3</sup> /h
Operating Temperature	5-40 °C
Dimensions	724 x 326 x 326 mm
Material & Finish	Rugged steel structure encased in a tough UVC resistant plastic.
Standards	IEC 60335.1 & -2-65/EMC Cisp 14, ROHS compliant

## Dimensions



## Controls



## Features & Benefits

- Timer: 30mins / 60mins / 120mins / ON
- Fan: three step fan speed
- Lock: Lock out the control panel
- Power: turn unit on/off

*Lamp maintenance indicator in center of control panel.*

## Order Codes

Order Code	Rating	Lamps	Description
911401703733	120W	4	UVCA 200 – 120W Portable UVC Air Disinfection Unit



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- ✓ Hotels
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- ✓ Residential

## Product highlights

Ozone  
free

254nm  
technology

Non  
ionizing

2 year  
warranty

Product Specifications



Models

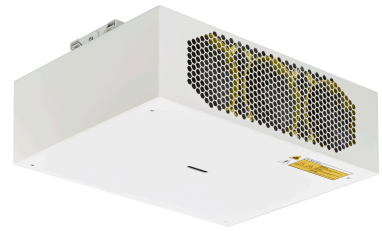


Ordering Information

Order Code	Model	UVC Lamps	Air Exchange Volume & Suggested Room Volume	Power Consumption
911401562181	UVCA010 Air Disinfection unit	2x 9W PLS	80m³/h / 16 m³ room	25W ±10%
911401563681	UVCA110 Air Disinfection unit	4x11W TL-mini	260m³/h / 52 m room	53W ±10%
911401565181	UVCA210 Air Disinfection unit	4x16W TL-mini	400 m³/h / 80m³ room	90W ±10%

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# UV-C disinfection active air

## SM310C 2xTUV PLL 60W HFS

2 pcs - HF Selectalume - White - 160 W - 220 to 240 V

The UV-C disinfection active air unit is designed to disinfect the air during day-to-day business activities, without interruption. It can be installed on a wall or on a ceiling in many different types of location, even UV-C sensitive ones. Thanks to ventilators, the air from the room is pulled inside the device, filtered, and then submitted to an intense disinfection thanks to 2x60W UV-C lamps. The air comes out of the UV-C active air unit clean into the room.

### Warnings and Safety

• **DANGER:** 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. UV-C disinfection active air units must only be sold through qualified partners and installed by professionals according to our stringent safety and legal requirements. 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. **DISCLAIMER:** The UV-C disinfection active air 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 active air 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 active air, 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 active air 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 active air

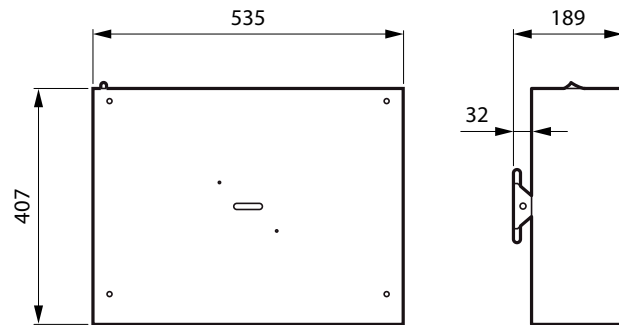
<b>General Information</b>	
Number of light sources	2 pcs
Beam angle of light source	- °
Number of gear units	1 unit
Gear	HF-S [ HF Selectalume]
Optic type	-
Luminaire light beam spread	-
Control interface	-
Connection	Connection unit 3-pole
Cable	Cable with plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB of 16 A type B 13	
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Service tag	No
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	9.2 A
Inrush time	0.2 ms
Power Factor (Min)	0.9
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Housing Material	Aluminum
Reflector material	-
Optic material	-
Mounting device	-

Overall length	407 mm
Overall width	535 mm
Overall height	189 mm
Color	White
Dimensions (Height x Width x Depth)	189 x 535 x 407 mm (7.4 x 21.1 x 16 in)
<b>Approval and Application</b>	
Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]
<b>UV</b>	
UV-C radiation	38 W
UV-C irradiance defined at 2m	0 µW/cm²
UV-C irradiance defined at 20cm	0 µW/cm²
<b>Initial Performance (IEC Compliant)</b>	
Initial input power	160 W
Power consumption tolerance	+/-10%
<b>Application Conditions</b>	
Ambient temperature range	0 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No
<b>Product Data</b>	
Full product code	871869979652500
Order product name	SM310C 2xTUV PLL 60W HFS
EAN/UPC - Product	8718699796525
Order code	912401483298
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912401483298
Net Weight (Piece)	13.000 kg



## UV-C disinfection active air

### Dimensional drawing



UV-C disinfection devices

