

**PHILIPS**

UV-C air disinfection unit

Make closed spaces safe  
from airborne infections

**UV-C air disinfection unit**

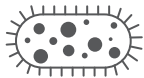


# It's time to breathe healthy

Safe air is a necessity for a healthy life. However, indoor air pollutants like microscopic viruses and bacteria that have been known to cause a wide variety of adverse health effects, including several diseases, headaches and respiratory disorders. Hence it becomes all the more important to have a safe haven where you can actively disinfect air and address airborne transmission of pathogens.

Introducing Air Disinfector with UV-C technology

## Dangers in the air we breathe:



Microscopic  
bacteria & viruses



Children and elderly  
are more susceptible  
to respiratory disorders  
caused by poor air quality

"SARS-CoV-2\* may also spread through aerosols in the absence of aerosol-generating procedures, particularly in indoor settings with poor ventilation."

— World Health Organisation\*

\*<https://www.who.int/news-room/commentaries/detail/transmission-of-sars-cov-2-implications-for-infection-prevention-precautions>



# Air disinfection unit with UV-C technology advantage

UV-C disinfection chamber effective against:



SARS-CoV-2\*



Viruses & bacteria\*\*

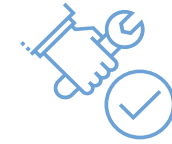
Covers an area of up to 590 sq.ft.[1] disinfects a standard room[2]

in just **1**  minutes.

1. For the large size disinfectant 2. Standard room size 215 sq.ft.

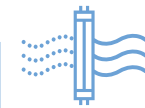
\*Proven to be effective against SARS-CoV-2. (Ongoing- expected in mid October) In a study conducted by the National Emerging Infectious Diseases Laboratories (NEIDL) at a laboratory in Boston University, Signify's UV-C light sources irradiating the surface of a material inoculated with SARS-CoV-2 reduced the virus infectivity to below detectable levels in under 9 seconds for dried virus and 4 seconds for wet virus.

\*\*Based on tests conducted at Intertek India Pvt. Ltd. , a global assurance, testing, inspection and certification agency, the Ecolink Air Purifier With UV-C Technology, demonstrated a killing rate of >99.95% in 30 mins and >99.99% in 2 hours for the tested organisms like Staphylococcus Aureus, Escherichia Coli, Aspergillus Niger and Coliphage (MS2) Bacteriophage in a test chamber of 12ftx12ftx9ft



User-friendly interface & ease of maintenance

One-button control and simple process for maintenance and replacement of filters and UV lights at home.



UV-C disinfection unit

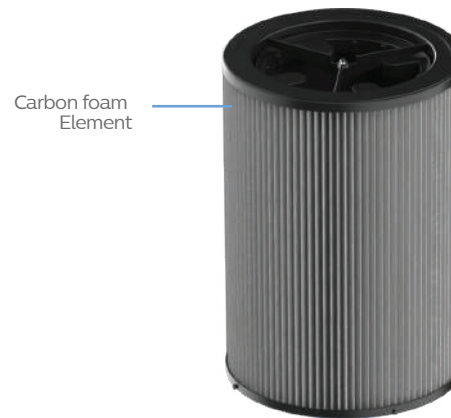
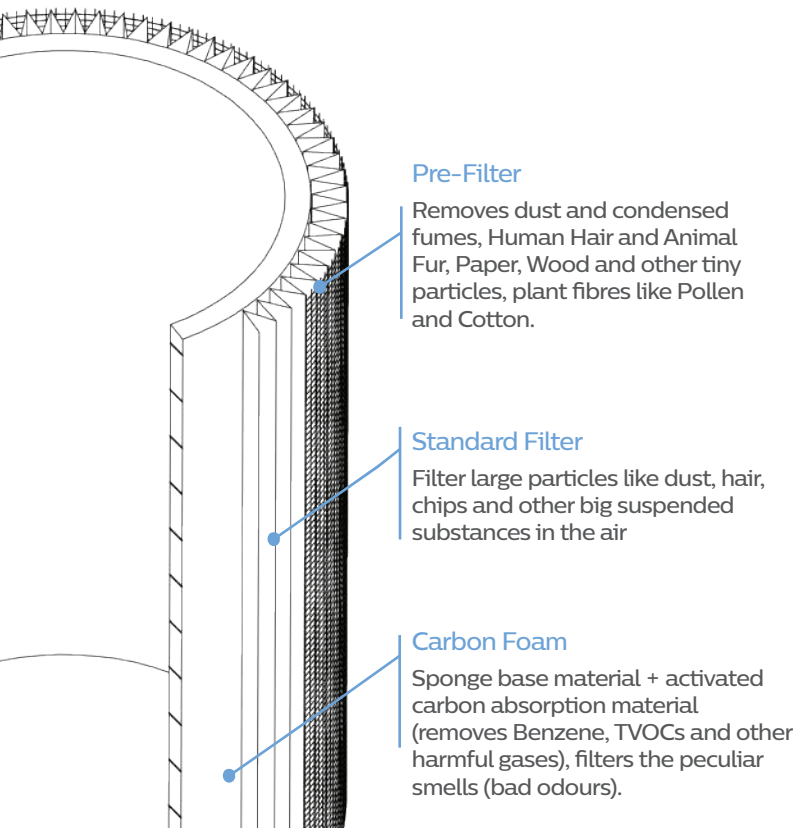
Inactivates airborne pathogens - including SARS-CoV-2\* by more than 99.9%\*.



Carbon foam protection

Sponge base material + activated carbon absorption material (removes Benzene, TVOCs and other harmful gases), filters the peculiar smells (bad odours).

# Air disinfection unit with UV-C technology



Disinfects air by >99.95% in 30 mins and >99.99% in 2 hours[1]

[1] Based on tests conducted at Intertek India Pvt. Ltd., a global assurance, testing, inspection and certification agency, the Philips Air disinfection Unit With UV-C Technology, in a test chamber of 12ftx12ftx9ft demonstrated a killing rate of >99.95% in 30 mins and >99.99% in 2 hours for the tested organisms like Staphylococcus Aureus, Escherichia Coli, Aspergillus Niger and Coliphage (MS2) Bacteriophage



# Applications of Air disinfection unit with UV-C technology



# Specifications

Product	Large – UVCA220	Medium – UVCA120	Small – UVCA020
Operational input voltage	100V-300V	100V-300V	100V-300V
Input frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Wattage (max)	90W ±10%	53W ±10%	25W ±10%
UV-C lamp power	4*16W TL-mini	4*11W TL-mini	2*9W PLS
Air volume	380 m <sup>3</sup> /h ±10%	220m <sup>3</sup> /h ±10%	80m <sup>3</sup> /h ±10%
Normal Filter	Yes	Yes	Yes
Ozone free	Yes	Yes	Yes
UV-C lamp maintenance	Yes	Yes	Yes
Indicator for lamp maintenance	Yes	Yes	Yes
Control	Button	Button	Touch panel (on/off)
Safety start	Yes	Yes	yes
Time setting	1-16 hours, step length 1 hour	1-16 hours, step length 1 hour	No
Size (original) (H*L*W)	700*280*280	560*235*235	300*170*170
Weight (kg)	7.3 Kgs	5.4 Kgs	3.5 Kgs
Wind speed	3 steps	3 steps	1 step
Lamp useful life	9000 hrs	9000 hrs	9000 hrs
Lamp/Ballast switch times	6000	6000	1500
Noise (max)	≤65dB(A)	≤60dB(A)	≤60dB(A)
Housing material	UV stabilized plastic	UV stabilized plastic	UV stabilized plastic
Panel/lifetime	20K hrs	20K hrs	20K hrs
Panel/silkscreen	Anti cleaning/abrasion	Anti cleaning/abrasion	Anti cleaning/abrasion
RoHS/reach	Yes	Yes	Yes
Surge (L/N)	1kV	1kV	1kV
Lamp failure indicator	Yes	Yes	Yes
Electric classification	Class II	Class II	Class II
Ambient temperature monitoring (+3/-1)	Yes	Yes	No
Normal Filter replacement prompt	Yes	Yes	Filter can be replaced with screws



© 2020 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.