



UV-C Disinfection Devices
UV-C Air Disinfection & Air Purification Unit

Signify HK | Aug 2021

PHILIPS

UV-C air disinfection unit

Make closed spaces safe
from airborne infections

UV-C air disinfection unit

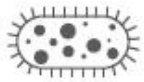


It's time to breathe healthy

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 disinfects air and address airborne transmission of pathogens.

Introducing Air Disinfectors 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

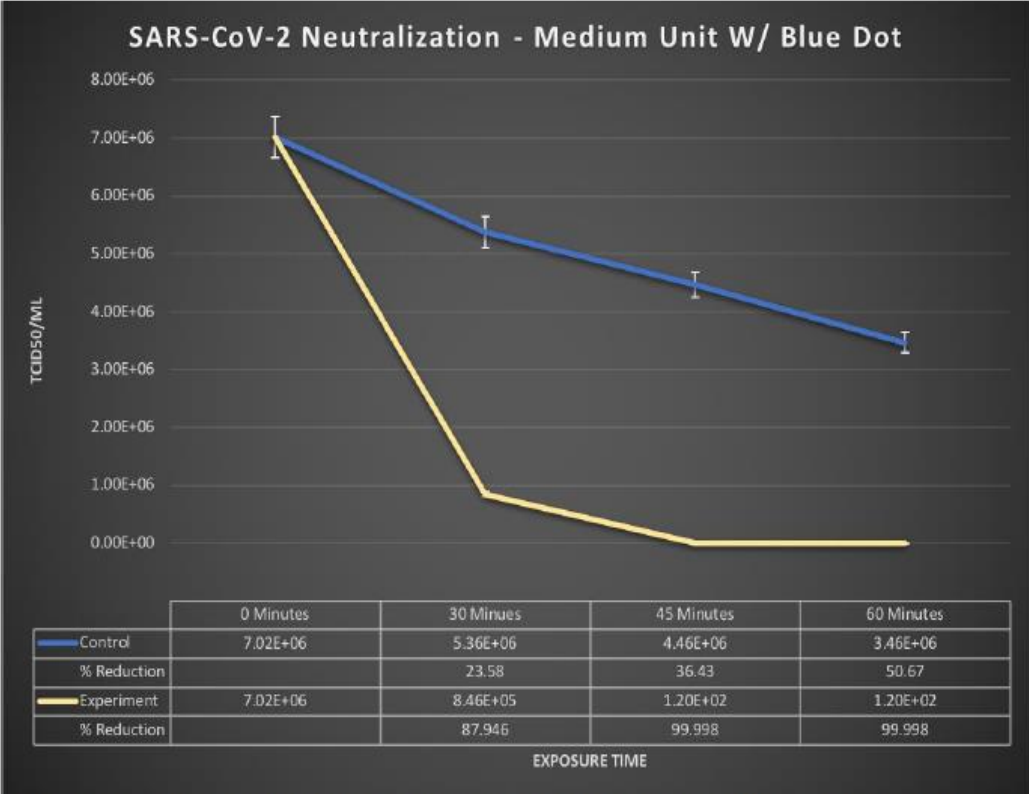
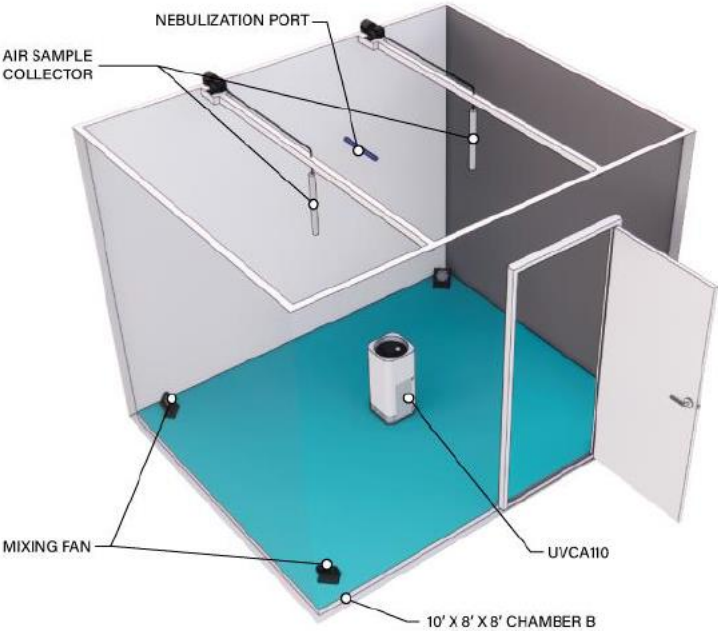
"SARS-CoV-2* may also spread through aerosols in the absence of aerosol-generating procedures, particularly in indoor settings with poor ventilation."

— World Health Organisation*

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



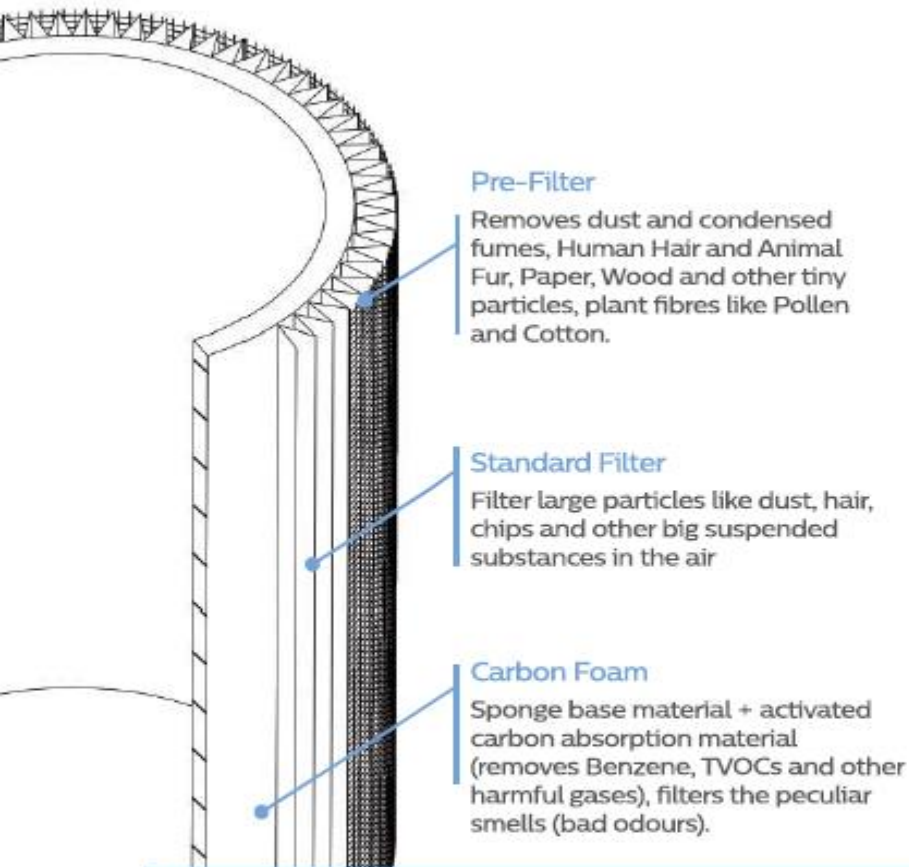
Performance test on SARS-CoV-2



**As it pertains to data represented herein, the value of 1.2E+02 indicates a titer that is lower than the specified limit of quantitation. The limit of quantitation for this assay is 1.2E+02.

***As it pertains to data represented herein; the percentage error equates to an average of ±5% of the final concentration.

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



UV-C Air Disinfection Unit G2 Medium



Product model	UVCA110
Colour	White
Input voltage	220V
Wattage	53W ±10%
UVC lamp power	4 x 11W PHILIPS TL-mini
UVC lamp peak wavelength	254nm
UVC Leakage	≤ 0.2uW/cm ²
Disinfection for bacteria lab test	>99.9% (@10m ³)
Air Volume (min)	260 m ³ /h ±10%
Recommended coverage space	33m ³ ±10%
Ozone free	Yes
Control	Button & Control panel
Panel functions	On/off, timer, Wind speed level Ambient temperature
Time Setting	1-16Hours, step length 1hour
Button lifetime (rotation/press)	20k /20k times
Size (original) (H*L*W)	560*235*235
Wind Speed	Low/medium/high
Lamp Useful life	9k hrs
product Lifetime	20k hrs
Noise (Max)	≤60dB(A)
Housing Material	Plastic
Approbations	IEC 60335.1 & -2-65/EMC Cisp 14/IEC62471 UL 507:2017 Ed.10+R:27May2020 / FCC 47CFR Part 15 (2019) +ANSI C63.10 (2013)
Warranty	1 year
Plug/Cable	EMSD regulation standard
RoHS/REACH	Yes
Lamp failure indicator	Yes
Service parts	Lamps

UVCA110 Key features

Strong air disinfection performance

Disinfection for bacteria field test	99.9%
❖ Supported by field tested report	

Safe use

UV-C Leakage (>200mm)	< 0.2μw/cm2
Ozone free	Yes
Safety start	Yes

Easy maintenance

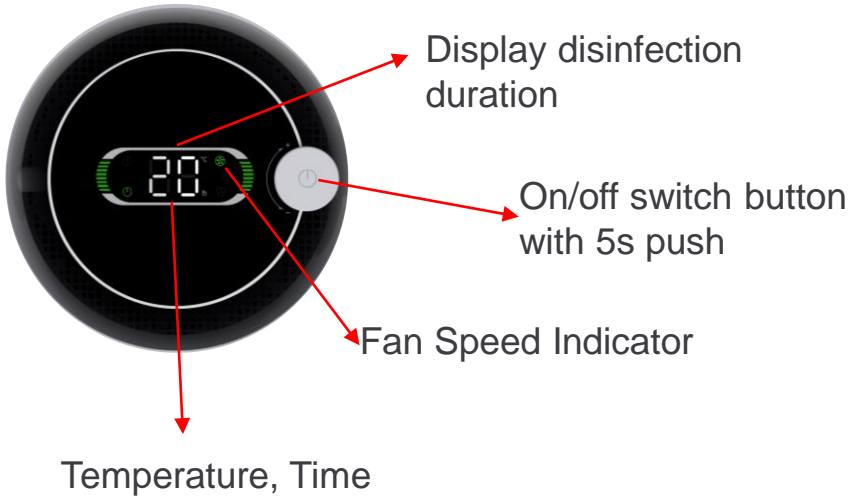
Indicator for UV-C lamp maintenance	Yes
Spare parts available	Yes

UV-C resistant design

- Housing – UV resistant Plastic
- Extra supportive metal structure inside disinfection chamber



User friendly interface



- Switch button → 20K/20K times press/rotation
- Timer: 1-16Hours, step length 1hour
 - Fan: three step fan speed

Recommended coverage space

- 32m³ ±10%

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