



DACHS



The only UVC LED based air purifier in the industry
to kill viruses & bacteria,
not simply blocking or filtering bacteria and viruses

Air Purifier

that can truly kill bacteria and viruses

SADC-AP01

The common portable air purifiers are mostly filtering bacteria, but the bacteria are still alive in the filter. If the filters are not replaced regularly, the bacteria on the filter will re-contaminate the air.

UVC light is the best sterilization method to kill bacteria & virus without any re-contamination possible.

Triple Protection:

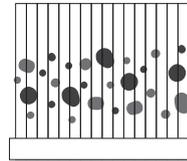
STEP 1 Negative Ion



– Deodorizing, blocking PM2.5, pollen, bacteria, virus

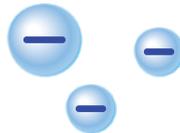
STEP 2 Electrostatic Dust Box

– Collecting dust, PM2.5



STEP 3 UVC LED

– Kill bacteria and virus



**Power on for a long time,
it will kill bacteria & viruses more efficiently**

An air purifier that can truly kill bacteria and kill viruses

Standard filters only block bacteria,
bacteria and viruses continue to breed when turned off
and return to the air again

Features

- ◆ One-button switch, easy to operate
- ◆ Three-stage wind adjustment(ultra-quiet)
- ◆ (Computer/mobile phone charger Mini USB) 5V DC input
- ◆ Every 750 hours, the system automatically reminds to clean the dust box
- ◆ The only UVC LED based air purifier in the industry to kill viruses & bacteria,
not simply blocking or filtering bacteria and viruses

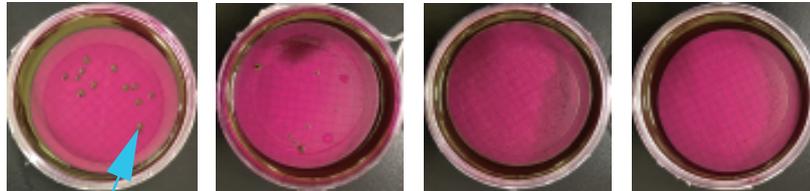


UVC LED Sterilization Rate Efficiency

No UVC light exposure

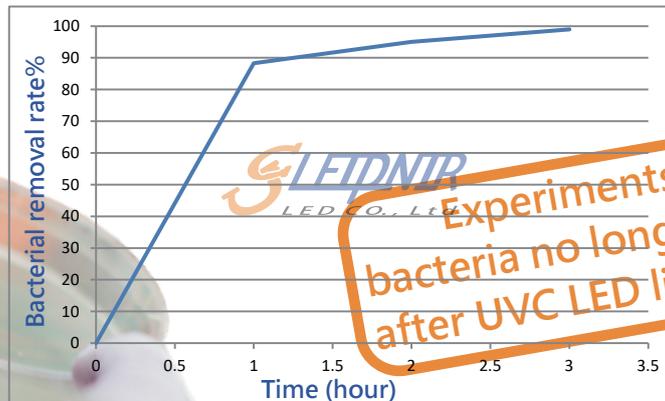


UVC light exposure



100% sterilization rate in petri dishes after UVC LED irradiation

Bacterial contamination presence



Experiments confirmed that bacteria no longer survive and thrive after UVC LED light source irradiation

SADC-AP01 Specifications

Size	108(W)x 110(D)x 202(H) mm
Power supply required	5V DC, micro USB Socket for mobile phone charger
Fan speed	3 speed levels
Noise level	< 30 dB
Dust collector cleaning reminder	Every 750 hours
Net weight	460g
Coverage area	45 sq ft

Sleep
Breathing

Quiet Library

Whisper

Normal Conversation

50dB

10dB

20dB

30dB



Three speed levels
(super quiet)





Public Places

The sterilization efficiency decreases with distance



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CENTRAL
AVDA. PROGRÉS 97
POL. IND. ELS GARROFERS
08340 VILASSAR DE MAR
BARCELONA
TEL. 34-93 741 85 00

DELEGACIÓN CENTRO
Avda. M-40, nº 23, 1ª planta,
Oficina 50
28925 Alcorcón
MADRID
TEL. 34-91 799 47 70

DELEGACIÓN NORTE
C/ESTARTETXE Nº5
DEPARTAMENTO Nº316
48940 LEIOA
BIZKAIA
TEL. 34-94 463 01 82

Personal Home

The sterilization efficiency increases with time



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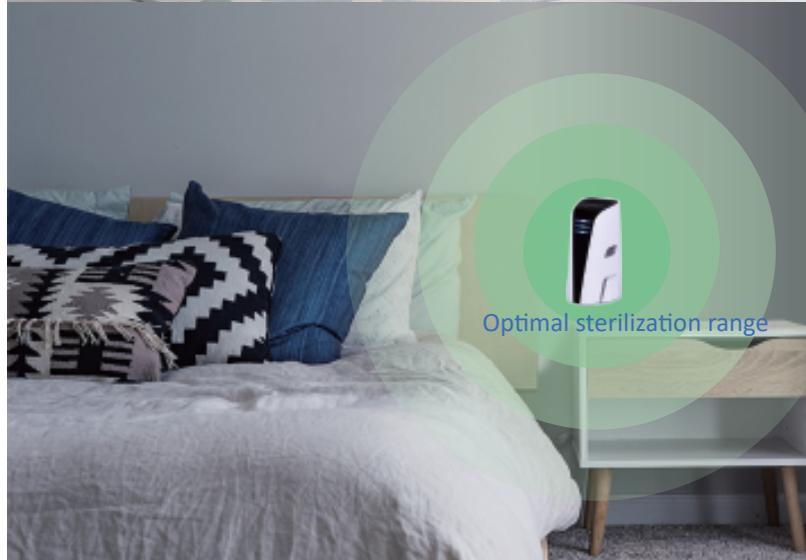
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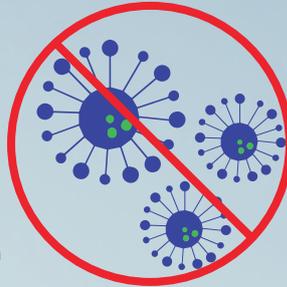
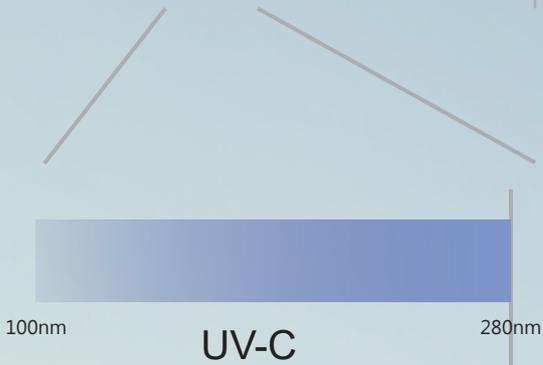
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Ultraviolet Light

Visible Light

Infrared Light



Studies have shown that UV rays mainly pass through microorganisms (bacteria, viruses, spores, etc)

UVC Light radiation destroys RNA of microorganisms and killing them achieving sterilization effect.

Many experts in the field of air environmental protection of the United Nations have confirmed that negative ions can actively coat tiny particles, cause them to condense and settle in the electrostatic dedusting grid, effectively remove air pollution, and can interact with cations, dust, particles, impurities, etc. Neutralizes and produces Fendols in the air.



Ventilation Purification



Electrostatic Adsorption



Bactericidal Effect



Made in Taiwan

