

UV Air Sterilizing LED for Mini Split



SUFIROBOTICS

10000h

Up to 10,000h
lifespan

**UVC
+
UVA**

Ultraviolet
spectrum

Dobule

Sterilization principle
UV & Photocatalyst



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Technical and science patent technology

UV Air Sterilizing LED for Mini Split



Specially designed for air disinfection and sterilization



Double sterilization process
of UV & Photocatalyst



Full inorganic package
10 times longer lifespan



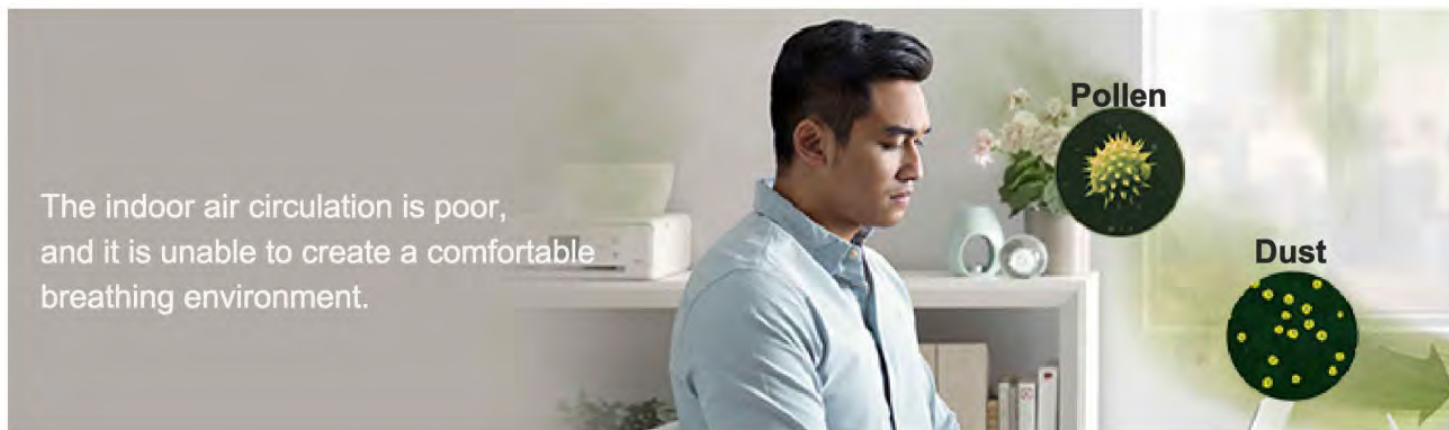
Efficient sterilization
Degradation of formaldehyde



No UV light leakage
Easy installation in 5 minutes



Pollutants and allergens everywhere in life



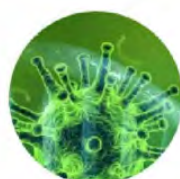
Far-UVC & Nanoscale Photocatalyst

Double Sterilization Enjoy Aseptic Air



Sterilization rate

99.64%



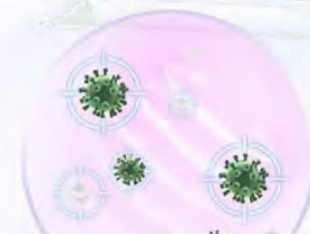
Virus removal rate

99.64%



Degradation formaldehyde

89.1%

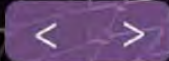


SUFIROBOTICS

LED UV disinfection

Thorough Sterilization at 99.64% rate

UVC works by causing permanent damage to the DNA or RNA of the bacteria & viruses, without the use of chemicals. By making bacteria & viruses inactive and unable to reproduce, UVC prevents the disease spread.




Before sterilization
by UVC

After sterilization
by UVC

Contain mercury

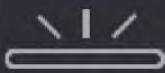



Produce harmful
substances

1000h
Short lifespan



Short wave ultraviolet disinfection
Low sterilization efficiency



Long strip shape
Narrow applications

Mercury-free




Safety and
environmental protection

10000h
10 times lifespan of
ordinary LEDs



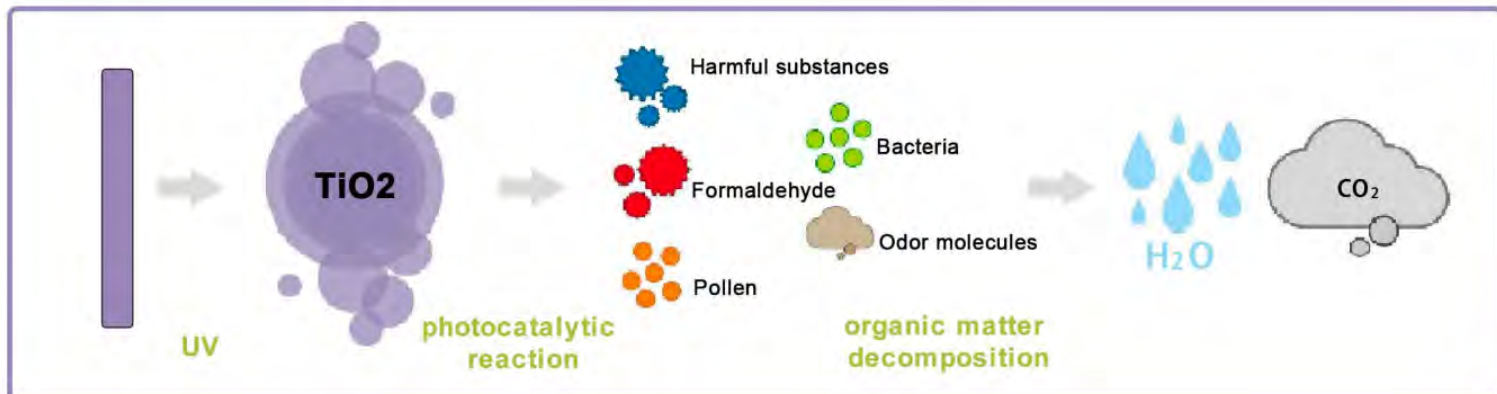
Far-UVC & Nanoscale
Photocatalyst
Flash Sterilization



Embedded air-conditioning
system
No UV leakage

VS

Nanoscale photocatalyst filter & Far-UVC LED with Air conditioner Instant sterilization

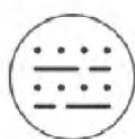


Each fiber of the air conditioner filter is attached with titanium dioxide, which has strong adhesion and is not easy to wash off after repeated use.

High-efficiency filtration capacity can isolate dust, bacteria and other harmful substances to purify indoor air.



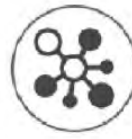
Effective filtration



PM2.5



Dust



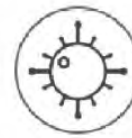
Bacteria



Pollen



Cigarette



Mold



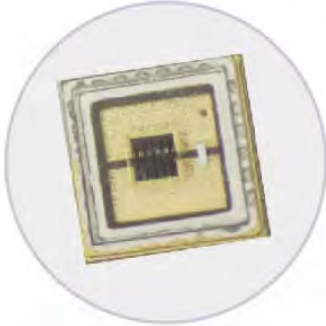
Convenient installation No UV light leakage



**Effectively reduce harmful substances
Take care of your every breath**

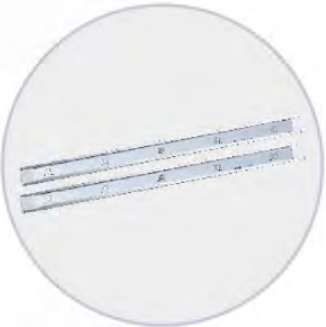
UV Air Sterilizing LED for Mini Split

Small Size, Big Energy



Full inorganic package technology

Super service life
10000hours
10 times longer lifespan than ordinary LED



Far-UVC LED Sterilization

Light source QTY: 8 pcs UVA + 2 pcs UVC
Double Sterilizing process
Safe and efficient



Nanoscale photocatalyst film

High adsorption capacity
High efficiency filtering capacity



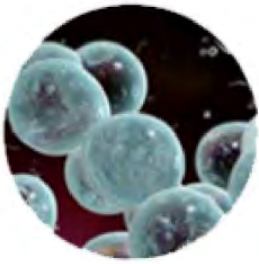
Meanwell, the world's top brand

Constant pressure design
Fully protected enclosure
Low power consumption and high efficiency

**Safeguard the health of
the whole family**



Quickly kill the "sneak attack" on the human body Various common pathogens / Odors



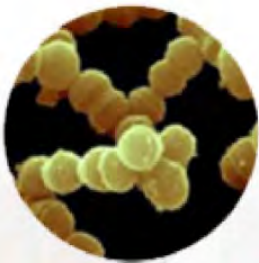
Candida albicans
(HFMD, fever)



Escherichia coli
(diarrhea, vomiting)



Pseudomonas
aeruginosa
(septicemia)



Hemolytic
streptococcus
(tonsillitis)



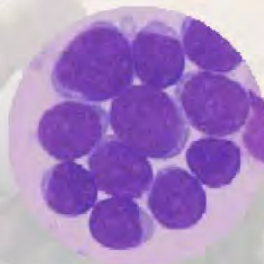
Hemolytic
streptococcus
(cough, pneumonia)



Salmonella
typhimurium
(acute gastroenteritis)



Peculiar smell
(pet odor)



Formaldehyde
(respiratory diseases, cancer)



Smell
(respiratory diseases)