

# skyled Mini



## Air purifier with photocatalysis

Pure air for a better quality of life

**MAXIMA**  
MADE IN ITALY

# skyled Mini



Complete with bracket  
for wall mounting

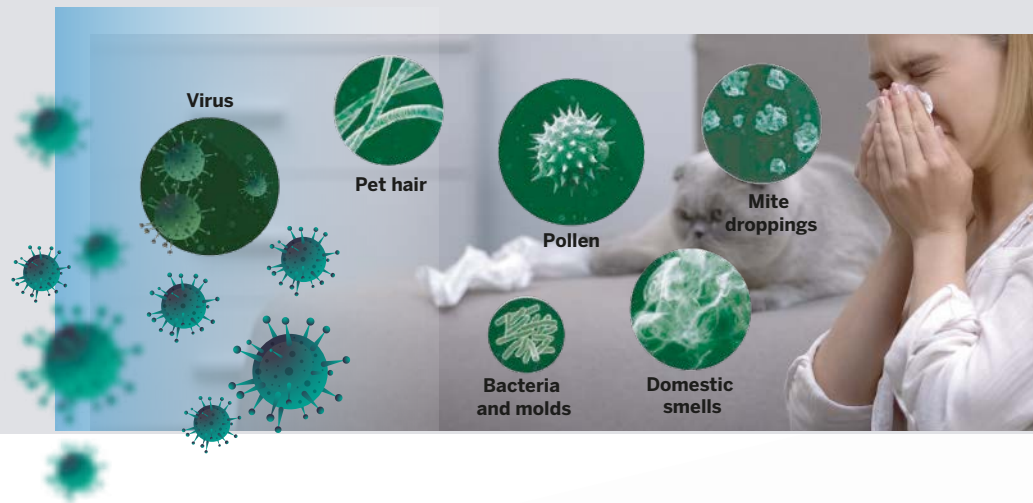
## GREEN TECHNOLOGY ALREADY PRESENT IN NATURE

The technology of Skyled air purifier makes use of the same processes used by plants to transform carbon dioxide into oxygen through chlorophyll photosynthesis.

The photocatalytic process was discovered by the Japanese Akira Fujishima in 1972 and then was regulated by NASA to be used in places where the maintenance of environmental sterilization was essential. It was then studied and developed by hundreds of universities, as well as public and private research centers. It is a safe system to hinder pollution in confined spaces. From all these research and development studies, was born the technology used by SkyLed.



Version with perfumer  
(Skyled ME)

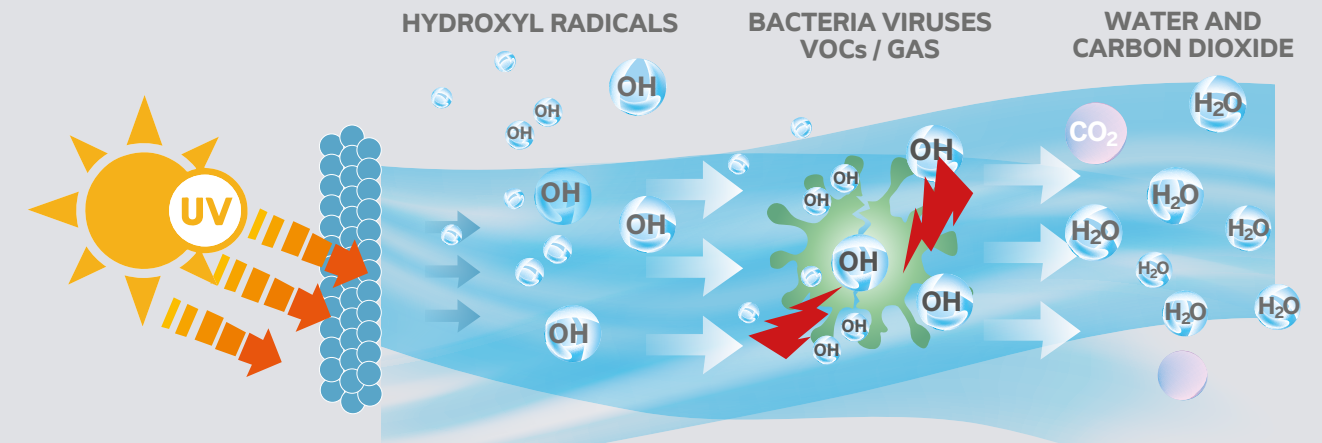


Constant  
Protection  
Over time



Version without perfumer (Skyled M)

## PURIFICATION THROUGH ELECTRONIC FILTER



### HOW DOES IT WORK?

The natural oxidation process is not visible to our eyes, but the Skyled air purifier produces it constantly, 24 hours a day, as it happens in nature.

Electrons are released from the surface of the titanium dioxide catalyst (TiO<sub>2</sub>), when UV light illuminates it. The electrons interact with the water molecules, which are present in the air, breaking them into hydroxyl radicals (OH), highly reactive, i.e. neutral forms (without charge) of hydroxide ions (OH).

**These hydroxyl radicals attack the larger organic polluting molecules (carbon based), breaking their chemical bonds and turning them into harmless substances like carbon dioxide and water (CO<sub>2</sub> + H<sub>2</sub>O).**



Virus Sars-CoV-2  
(inactivated strain)



Bacterium  
(Escherichia coli)

## HEALTHY, CLEAN AND PURIFIED AIR, IDEAL FOR THOSE WHO SUFFER FROM ALLERGIES

- It makes pollen and polluting particles inactive.
- Reduces the spread of bacterial and viral illnesses carried by the air
- It reduces mold spores in the air.
- Eliminates odors, without the use of chemicals.
- Decreases formaldehyde and chemicals in the air.
- Improves respiratory functions.
- Improves sleep quality.

## TESTED ON:



Virus Sars-CoV-2  
(inactivated strain)



Bacterium  
(Escherichia coli)



Bacterial load  
yeasts and molds



Synthetic  
RNA

## CERTIFICATIONS:



CE compliant Safety  
and Electromagnetic  
Compatibility



Tested for harmful  
ozone emissions  
according to  
European regulations

## Technical features:

Skyled dimensions:	struttura: Ø 126 mm altezza: h 175 mm
Net weight:	1,95 Kg
Materials:	stainless steel
Operating Power:	12 Vdc - 1,34 A
Power supply:	100/240 Vac - 50/60 Hz
Fan:	Double speed fan
Supplementary sanitising technologies:	Photocatalytic reactor (UV LED + TiO2)
Protective filter:	Washable
Consumption:	max 16 Watt
Fan power:	46 m <sup>3</sup> /h

## Made in Italy

Version with perfumer  
(Skyled ME)



Version without perfumer  
(Skyled M)



**MAXIMA**  
ADVANCED SOLUTIONS

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