UVC Mobile Air Purifier

Create Better Life with Light

Cars are an ideal place for germs to breed

Formaldehyde in cars is also very harmful to your health

Bacteria/Virus

Germs easily breed in air-conditioning ducts

Volatile Organic Compounds

Volatile Organic Compounds (VOCs) – chemicals outgassing from plastics, vinyl – even cosmetics, have a profound effect on human health.

Formaldehyde

Formaldehyde is a colouless gas emitted from certain materials in most cars, such as leather, textile, plastic components etc.



Benzenes

Heat from sun exposure can releases toxic gases like methylbenzene, xylene, methyl alcohol – known causes of lung cancer, blood cancer, and stomach cancer.

Allergens

Allergens such as airborne bacteria and mold spores may trigger hay fever, sneezing, coughing, or even asthma attacks.

Odors

Smoke or food in the car can unpleasant produce odors that linger for hours – or days.

Mobile Air Purifier

Removes unhealthy pollutants.

Destroys germs and viruses with safe UVC light

The proven technology widely used for years in hospitals and laboratories is now available for your car!



Product Spec

Mobile Air Purifier



Product Size	80 x 64.7mm
Applicable Space	5m³
Function	Disinfect, deodorize, and purify the air

Voltage	DC5V，1.5A
Weight	150g
Principle	UVC+photocatalyst

Product Structure

Mobile Air Purifier

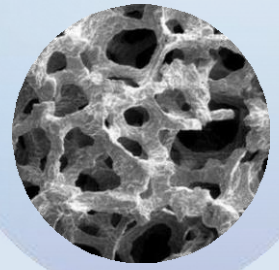




Powerful, quiet fan



High quality quartz
SafeGlo UVC lamp



Photocatalyst

Operation

Mobile Air Purifier

Powerful (but quiet)

Just turn it on, and experience purer air immediately.

The high velocity fan circulates air inside the whole car, so pathogens and formaldehyde is trapped and removed efficiently – yet nearly silently.

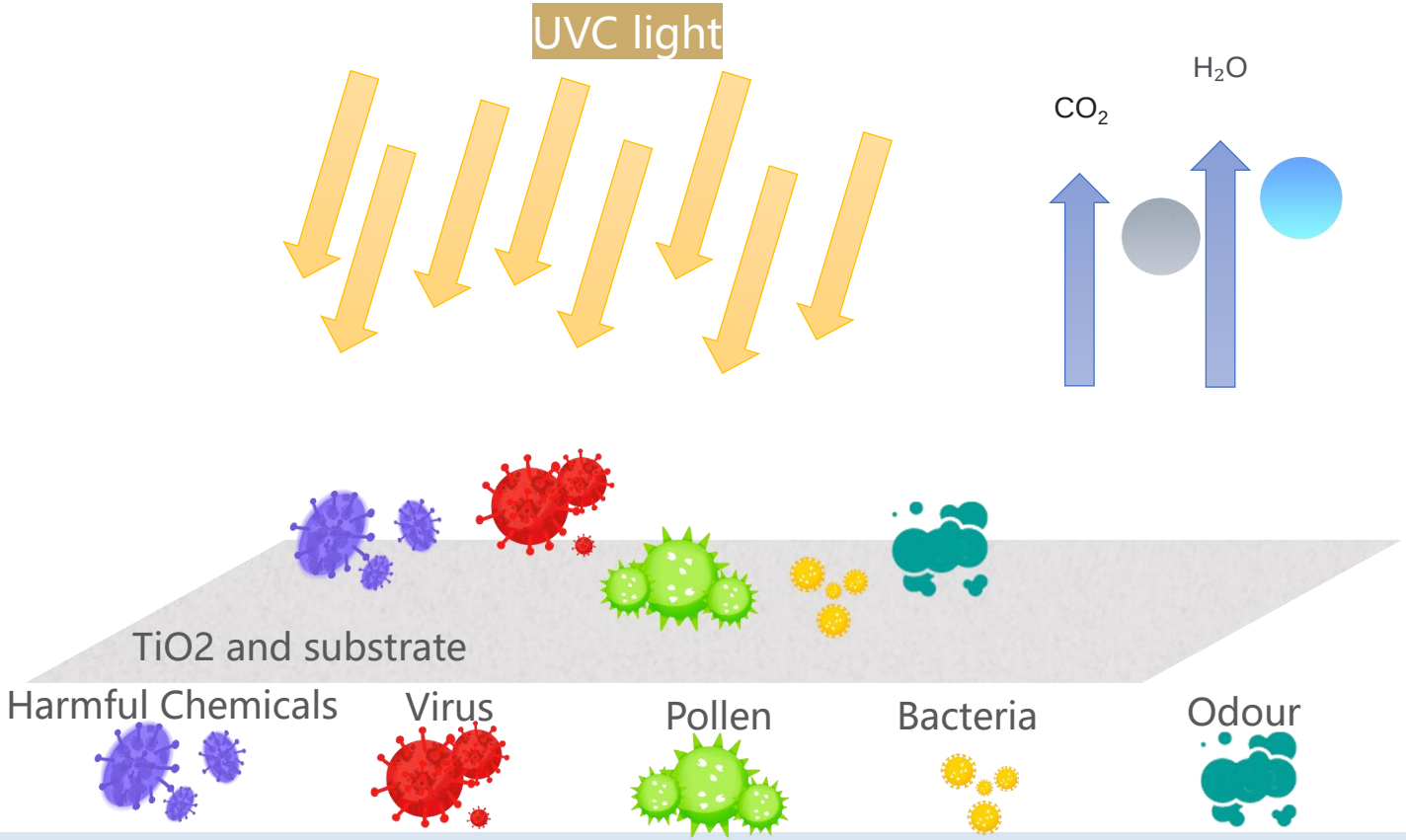


Operating Principle

Mobile Air Purifier

Different from traditional air Purifier, SafeGlo Air Purifier adopts UVC & photocatalyst technology

SafeGlo UVC & photocatalyst technology combine to remove formaldehyde and pathogens



1. Mercury lamp produces 253.7nm ultraviolet light which disinfects all kinds of common germs ,including COVID-19 and influenza virus.

2. With UVC irradiation, photocatalyst produces hydroxyl radicals, which disintegrate formaldehyde, TVOC and harmful germs.

Comparison to competitor

Mobile Air Purifier

SafeGlo Air Purifier has the highest sterilization rate among the similar products.

In space of 3 cubic meters, the sterilization circulation can be finished in 10 minutes.



Brand	Component Power	UV Wavelength	UV Effective Output
MAP01	3W	253.7nm UVC	1000mW
O brand	1.6W	367nm UVA	360mW
P brand	1.7W	275nm UVC	34.5mW

Compared with O-brand

- GMY Purifier has 2.5 times UV output than O-brand
- GMY is using UVC while O-brand is using UVA which has much lower disinfection rate.

Compared with P-brand

- GMY Purifier has 25 times more UVC output than P-brand

Advantages

Mobile Air Purifier

Effectively eliminates formaldehyde, VOCs and odors

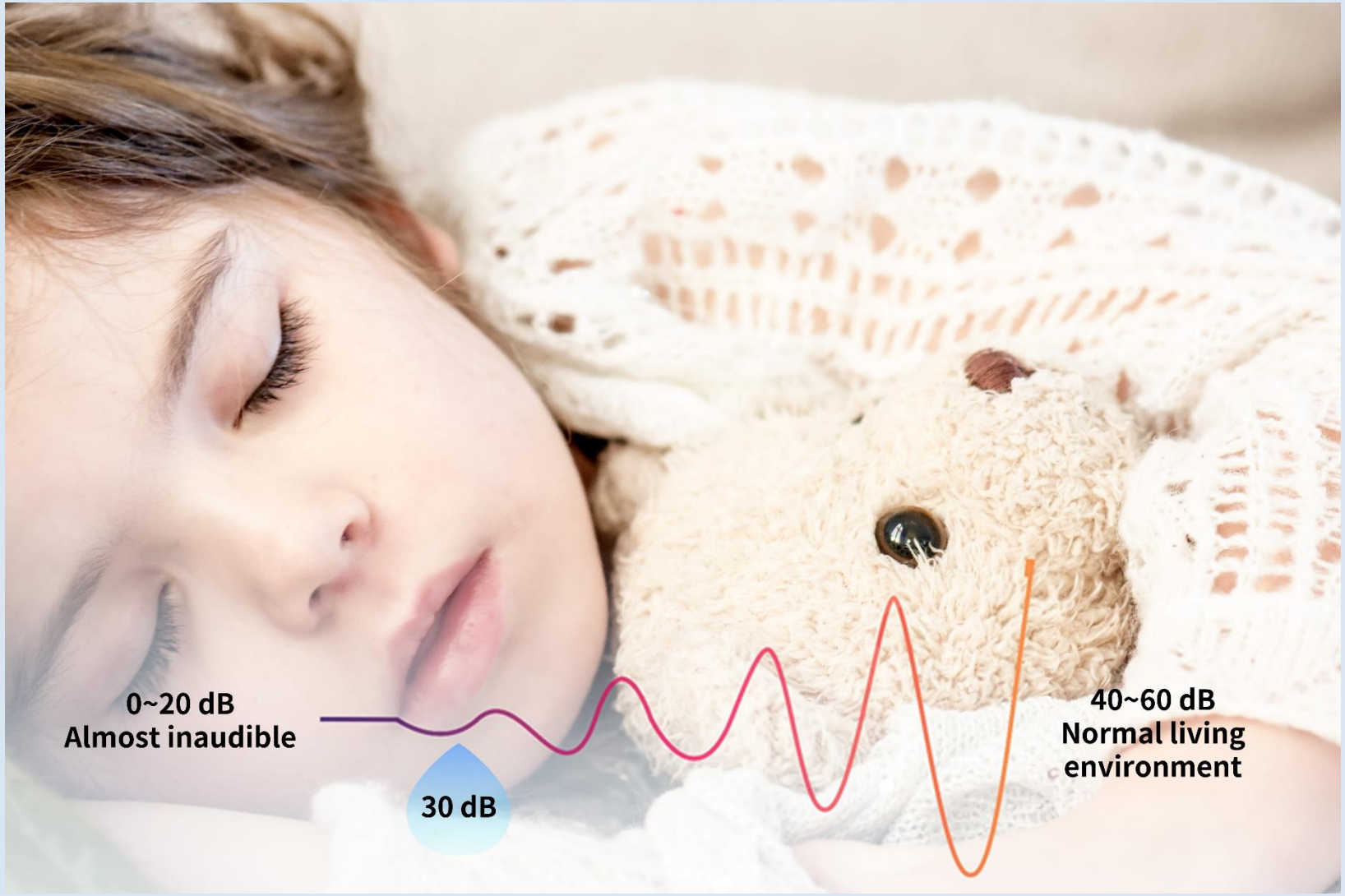
Destroys harmful virus, bacteria



Advantages
Mobile Air Purifier

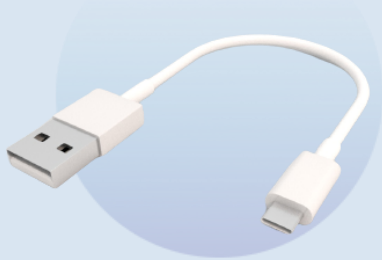
Low Noise – only 30dB

Sonic-tuned components for nearly silent running.



Advantages

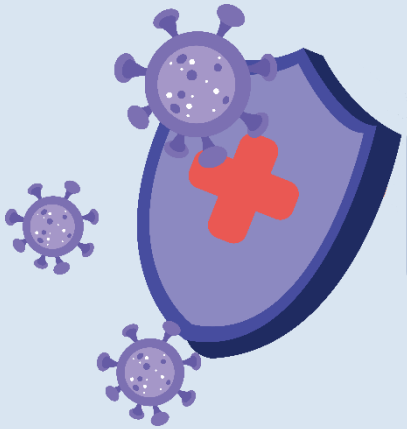
Mobile Air Purifier



Standard Interface

Safe, low-voltage DC power

USB Type-C interface, more compatible and convenient



Safe Usage No risk of UV leakage.



No Consumables

The photocatalyst doesn’ t deteriorate -- even with continued use.

Easy Installation

Mobile Air Purifier

Built to fit your car — the way you want



Cup Holder



Air Conditioner outlet

Small in size, easy install. Attaches to cup holder or air condition vents

Customized appearance

Mobile Air Purifier

Multi-color



Different colors can be customized by anodizing or painting

In the Box

Mobile Air Purifier



Packing Box





Magnetic holder



Bottom tray



operating manual



USB wiring



Thank you!