

Sterilize new coronavirus with deep ultraviolet rays (UV-C)

Coronavirus Sterilizer for Vehicles



Utilizing the air flow due to the internal air circulation of the car air conditioner, Efficiently sterilizes the air inside the car by irradiating the sterilization lamp!
Simply plug it into your car's cigar socket and you're ready to go!

What is UV-C sterilization?

It refers to a light source that sterilizes by irradiating deep ultraviolet rays (UV-C) with strong bactericidal power and damaging the DNA of bacteria and viruses floating in the air.

Excellent bactericidal effect

Equipped with a 100mW high-power LED chip* at a deep ultraviolet wavelength (275nm) that has a high bactericidal effect, it demonstrates a strong bactericidal effect.

* Inactivates more than 99% of coronavirus by irradiation for 1 second at a distance of 2cm

Test Virus : COVID-19 Virus (Virus name = SARS-CoV-2)

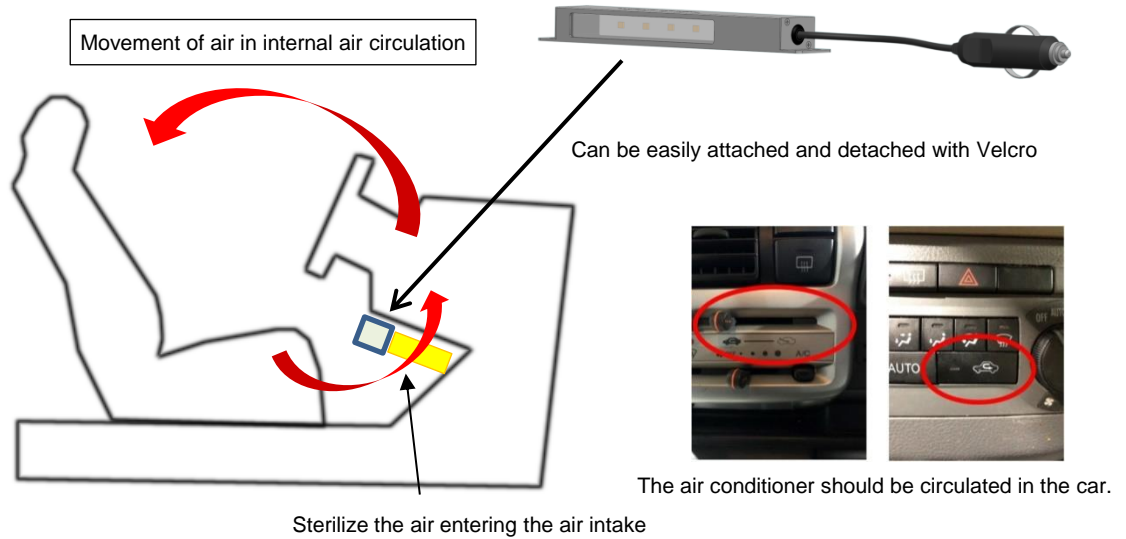
1. Sample pretreatment : Took the glass as the carrier. During the test, the bacterial sheet was placed 2cm away from the UVC lamp and acted for 1s,3s,5s.

2. Test Result

Test Virus	Distance	Test Group	Average cfu of positive controls (cfu/piece)	Average cfu of testing groups (cfu/piece)	Killing rate (%)	Sterilization logarithm
COVID-19 (SARS-CoV-2)	2 cm	1 sec	2.15×10^7	70	99.437	2.250
		3 sec	2.15×10^7	75	99.739	2.583
		5 sec	2.15×10^7	70	99.823	2.751

HOW TO INSTALL

- Install the product under the glove box on the passenger side and illuminate it in a forward direction.
- When sterilizing the space inside the car, please supply air to the vent indoors.



Example of installation



SPECIFICATIONS

Type	CSUVC-200V		CSUVC-200V24	
Model	CSUVC-200V-R (For right-hand drive cars)	CSUVC-200V-L (For left-hand drive cars)	CSUVC-200V24-R (For right-hand drive cars)	CSUVC-200V24-L (For left-hand drive cars)
Input Voltage	DC8-12V		DC24V	
Power	24W			
UV-C LED	UVC 275nm (LM1HQMC) * 4			
UVC power	100mW/cm2 (per LED)			
Lifetime	> 10,000 hours			
Dimension	L:200mm × W:30mm × D:20mm			
Weight	300g			
Materials	Aluminum alloy, Quartz glass			
Working temp.	-40°C ~ +85°C			

IMPORTANT WARNING!

This UVC lamp emits very strong UVC rays, and it's very dangerous! So never look directly at UVC light or expose it to your skin, even for a moment! It causes serious damage such as blindness and burns!

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