



VEHICLE AIR PURIFIER

SCENARIO
VEHICLE INTERIOR



Either In Room, Or in Car!

Nowadays, most people spend more than 15% of their time breathing in car. So Car air quality becomes one of key factors that impacts on health.



ABOUT US COMPANY PROFILE

LEEYO is an innovative and technology driven company, with a group of 50+ professionals, elites and experts on board; Focuses on home furnishing and appliances industry (such as Air care and refrigerating products), constantly persisting in asset light strategy that heavy investment goes to R&D, human capital, supply chain and CRM. Create Value and Deliver!

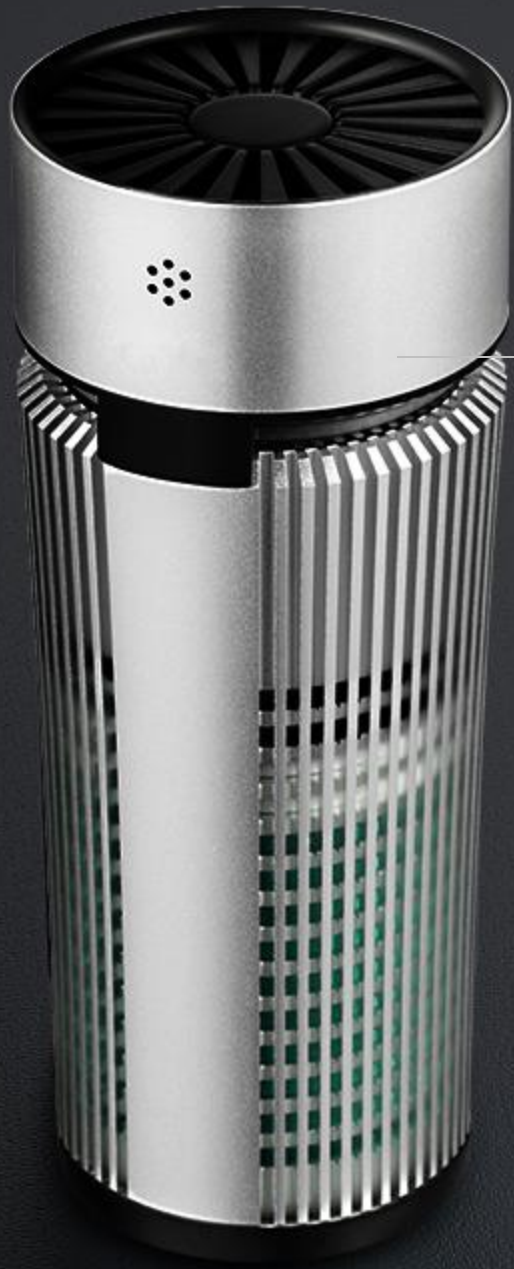
- ELIMINATING FORMALDEHYDE AND ODOR
- AERIAL ALUMINUM ALLOY
- TOUCH PANEL
- SMELL SENSOR
- AUTO MODE
- SAFE FOR PREGNANT WOMEN AND BABIES



EFFECTIVELY REMOVE ELIMINATING
FORMALDEHYDE AND ODOR



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AERIAL ALUMINUM ALLOY

- Aeronautical material
- High strength, close to or above high quality steel, good plasticity.
- Square-shaped cut-outs, comfortable hand feeling.

TOUCH PANEL

- One-key control, simple and easy operation.
- Long pressing switch to AUTO mode.



SMELL SENSOR

- Smell sensors detect harmful VOCs from the surrounding air.

*VOC: full name is volatile organic compounds, including benzene and acetone, that evaporate or vaporize readily and are harmful to human health and the environment





AIR QUALITY

VISIBLE AIR QUALITY LIGHT
The change of every moment is in sight.

The air quality light can distinguish different air quality levels by different color background lights.



GOOD



MODERATE



BAD

SAFE FOR PREGNANT WOMEN AND BABIES

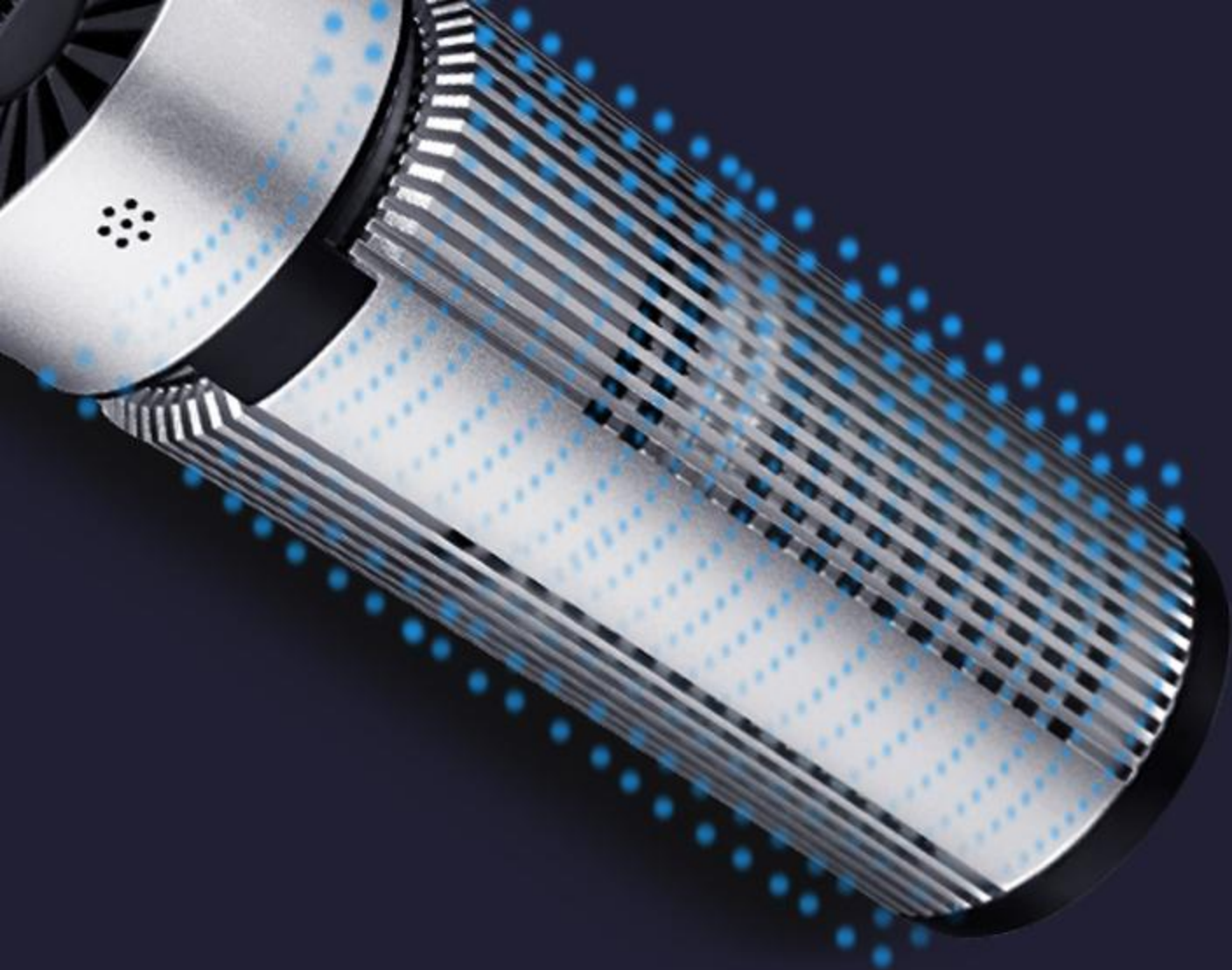
- Low noise operation, minimum 34dB, as quiet as leaves falling down, do not disturb the baby's sleep, more care for their every breath.





AIR CIRCULATION

- Concave and convex metal stripes interweave into 360 degrees, absorbing the wind and rapidly updating the air inside the car.



FRESH AIR SYSTEM

- Calculated from the clean air volume of $43\text{m}^3/\text{h}$ measured in the laboratory, 1072 unique air intakes.

Air change
14.3 times per hour

Air volume
 $43\text{m}^3/\text{h}$

Air inlet
1072

UV disinfection filter- no consumables and efficient purification factor

Inside the machine, there is a honeycomb-shaped gypsum filter element with a variety of rare metal oxides, which is irradiated by a wide-spectrum ultraviolet lamp to produce high-grade oxidation air masses. The air masses mainly contain purification factors such as hydrogen peroxide ions, hydroxyl ions, superoxide ions, and pure anions.

Rare metal oxide coated plaster

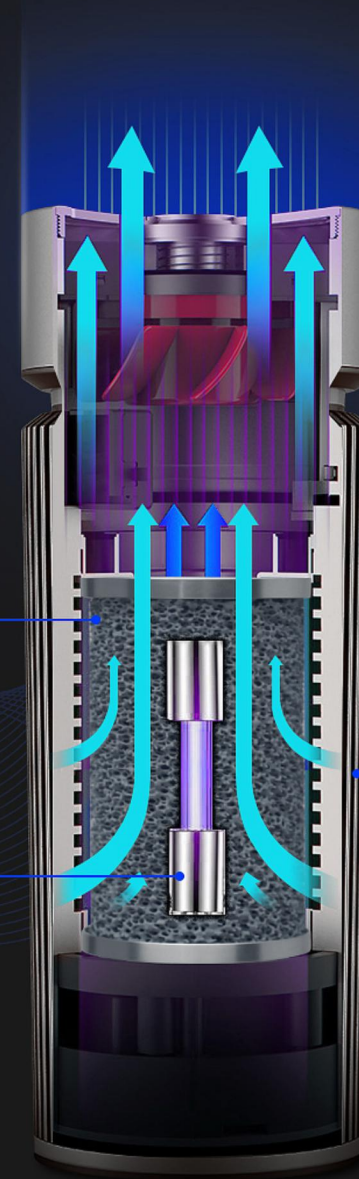
Release purification factors to kill germs

Broad spectrum ultraviolet lamp

Irradiation to coated gypsum produces purification factor

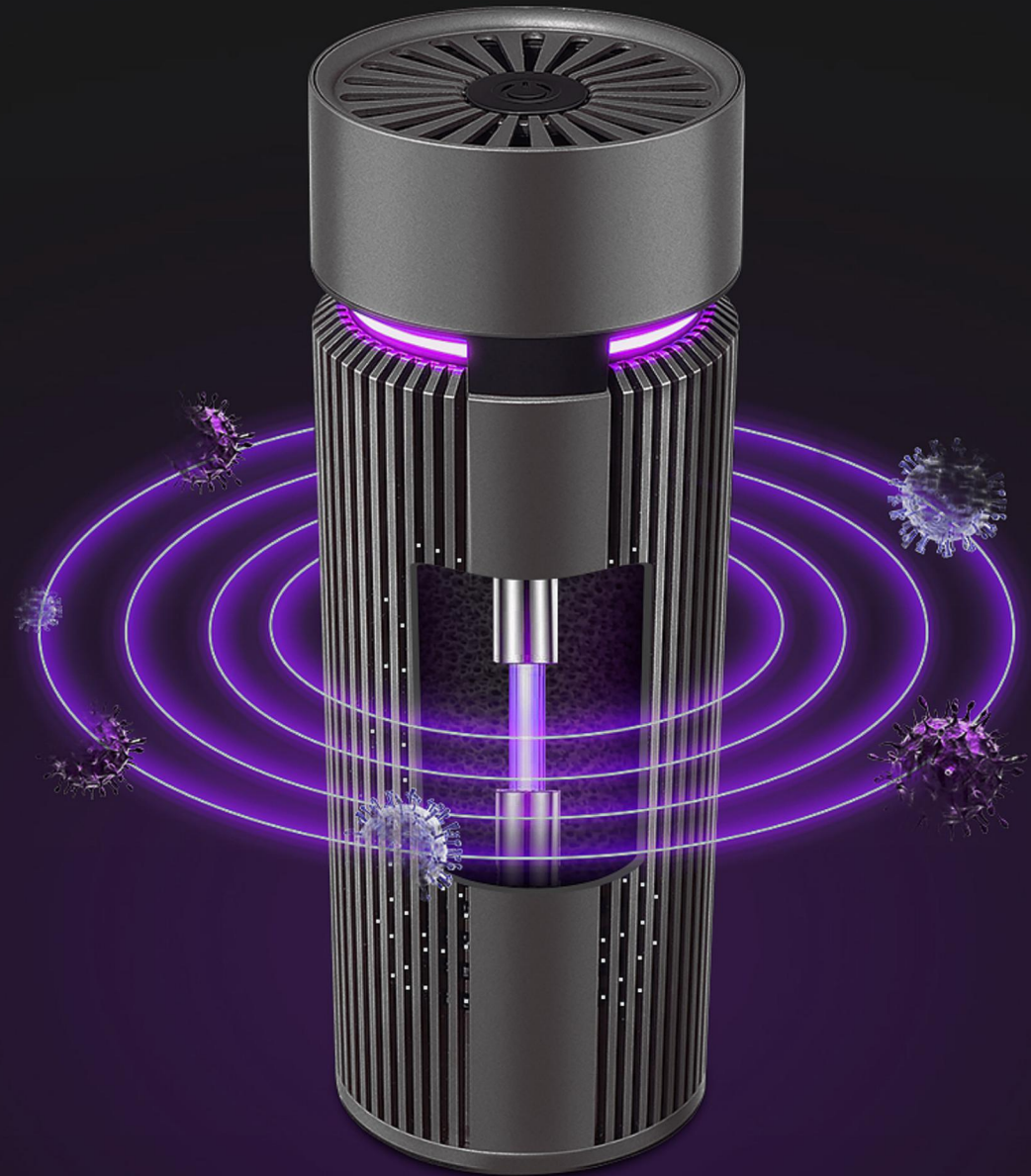
Pre-filter

Remove large particles such as dust and hair



UVC ultraviolet lamp

There are countless bacteria, harmful microorganisms and viruses in the air. The UV lamp with a wavelength of 185 nanometers is harmless to human skin. At the same time, it releases 5% micromole ozone, which can destroy the genetic factors of bacteria and decompose them by mail.

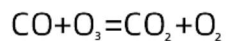
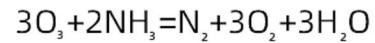
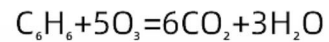
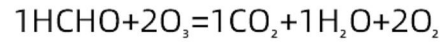


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Note: The UV lamp is filtered by the gypsum filter and the metal shell, and the UV light projected is very weak and the UV lamp with the wavelength of 185 nanometers is selected, which is harmless to human skin.

Oxygen factor thoroughly disinfects and deodorizes

Superoxide ions, pure negative ions, effectively remove odors, bacteria, viruses, and degraded particles



The final product of the redox reaction
Carbon dioxide + oxygen
+ water



99.9%
SMOKE
Removal rate >

98.9%
FORMALDEHYDE
Removal rate >

96.9%
TVOC
Removal rate >

98.9%
BACTERIA
Removal rate >

PRE-FILTER

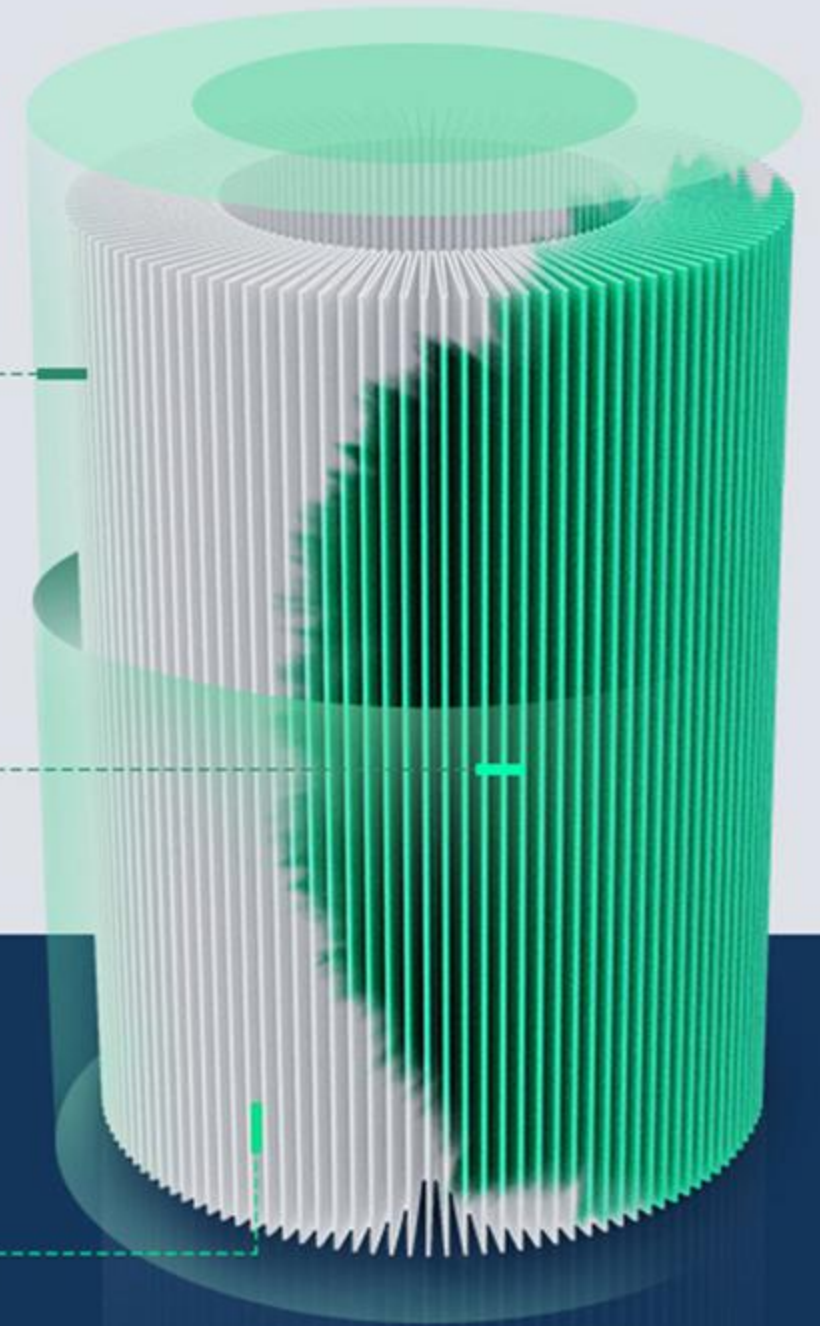
Remove PM30 such as hair and other large particulate matter

EFFICIENT HEPA

Remove 0.3um suspended particles such as PM2.5 from the air

ACTIVATED CARBON

Remove odor formaldehyde and other harmful substances



OFFICIAL TEST DATA

- In 3m's laboratory cabin
- The initial concentration of TVOC was 3.487mg/m3
- After 2 hours, TVOC removal rate was 99.97% and TVOC concentration was close to zero

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PACKING

- Exquisite packaging, as a fancy gift to friends, relatives and business partners.