

Frequently Asked Questions (FAQs)

1. Why should I buy WOLF AIRMASK?

- ~ Devoid of particle absorption filter technology, hence free from the hassles of replacing the filter frequently.
- ~ Low power consumption.
- ~ Minimal noise when the device is operational.
- ~ Inspired by the filtering methods of nature, the anions present in the device act on similar lines of cleaning the air, thereby, making it environmentally friendly.
- ~ Ideal for daily use (24x7, 365 days a year).

2. Why choose WOLF AIRMASK over any other ionizer?

We use the best technology offering an ozone-free ion diffusion performance. WOLF AIRMASK is an innovative air sterilization device that produces 100% negative ions efficiently to an area of 1000 sq.ft. and 10,000 cu.ft and produces no positive ions or ozone that is harmful in nature. This is also the only device tested against SARS-CoV-2 Virus. It was tested at RGCB, Trivandrum (Rajiv Gandhi Centre for Biotechnology) which is ICMR's approved testing lab under the Government of INDIA. The test report states that WOLF AIRMASK is efficient in rupturing the viral envelope of SARS-CoV-2 in just 15 minutes, reducing the COVID Viral load to 99.9%. The device has been tested against other viruses, E.Coli and MS2 bacteriophage as well. This device works at a lower voltage, hence ensuring complete safety with efficiency in terms of area covered and cost.

3. How does ionization work on virus?

Trillions of electrons that are generated per second from the WOLF AIRMASK, neutralizes the protein spikes on the virus

4. What is the proof for the safety and security of WOLF AIRMASK?

- ~ Scientific studies prove that negative ions are liveliness enhancer and eco-friendly. Therefore, a large quantity of negative ion generation is 100% safe (refer, www.wolfprotektion.com for research papers).
- ~ Non-emitter of ozone.
- ~ Low consumption of electrical power.
- ~ Offers Real-time protection.

5. Which pollutants does the WOLF AIRMASK eliminate?

The ions emitted from the WOLF AIRMASK attach themselves on particles suspended in the air such as combustion particles (typical urban pollution), microorganisms (pollen, mould spores, bacteria, virus), and SVOCs (semi-volatile organic compounds, a category of gas pollutants increasingly scrutinized by air quality experts) and eliminate them instantly.

6. How does ionization work?

Ionization of the air occurs when the air enters a particular state called cold plasma. This state of matter releases

electrons from gaseous molecules into the air; these electrons then recombine with other molecules to form ions. For air to enter this state, a strong electric field is necessary. This state can be found in nature; the spectacle offered by the aurora borealis is due to the light emitted by the cold plasma in the atmosphere. In an ionizer, the plasma area is confined to the ultra-fine point of needles. Besides, the electric field works in such a way that it does not exceed values that can make it too energetic and cause chemical recombination leading to the creation of toxic chemicals, such as ozone.

(For research paper visit www.wolfprotektion.com)

7. Can we feel and see the action of the WOLF AIRMASK?

The electron avalanche or presence of ion can be detected one foot near the WOLF AIRMASK using an electricity tester device. Ion detectors and counters are available in the market and can be provided to the customers upon request.

8. Can too much ion concentration be problematic?

To our knowledge, no data showed the harmful effects of NAIs (Negative Air Ions) on humans/animals. Superoxide ions are prominent members of NAIs, and they are involved in the biological effects of NAIs by regulating the serotonin level and other organic actions. Some research studies showed shreds of evidence of NAIs being useful in removing PM (Particulate Matter), including ultrafine PM, providing an alternative way to clean indoor air, especially during haze episodes. We have also reviewed the plantbased NAI system by PEF stimulation that occurs in nature, and found it to be as same as our ionizer. The system used is to refresh indoor air and reduce PM concentration in addition to enriching the oxygen level around us.

9. Is the WOLF AIRMASK effective against bacteria and viruses?

Yes. WOLF AIRMASK is effective in rupturing the microbes/viruses including SARS-CoV-2, providing a safe air to breathe.

10. What is the recommended daily usage time?

We recommend that you always keep the WOLF AIRMASK turned ON in order to obtain the best air quality.

11. How many negative ions does this device produce?

The WOLF AIRMASK emits around 10 to 100 trillion electrons per second (according to a reading taken using an industrial-grade ion counter). When emitted, these electrons combine immediately with hydroxyl molecules to form ions. This estimated reading was carried out by measuring the electric flux that came out from the needles of the ionic optics of the device. This current, though extremely weak, is a site for large quantities of electrons.

12. What maintenance does WOLF AIRMASK require?

To maintain your WOLF AIRMASK, dust it regularly (2 to 4

times a year depending on the level of pollution in your environment). Your device needs to be wiped when you can see a visible layer of thin dust on front panel. To remove this dust, use a dry, non-fibrous cloth, towel, feather duster or soft brush and brush it gently over the surface.

13. Does WOLF AIRMASK ionizer have a constant level of efficiency?

Yes, they do. Wolf AIRMASK's major advantage compared to traditional air purifiers is that it maintains the efficiency throughout. All you need to do is dust it regularly depending on the level of pollution in your area. This effortless cleaning operation is mentioned in FAQ number 12.

14. How can I be sure if my ionizer works?

To check if your WOLF Airmask ionizer is working properly, place an electric tester within 1 to 2 ft near the front panel of the device. If the tester lights up, then your device is working perfectly fine.