

World's Smallest SARS-CoV-2 Killer

Website: www.ablatum.com.sg
Email: contact@ablatum.com.sg



ablatum mini

Certified to kill up to **99.9%** COVID

Release Bi-polar ions **180 million** per cm³

AIR VIRUS KILLER COVID KILLER

Despite our best efforts to keep our home and working environments clean, both are only as clean as the air that we breathe. Indoor air has been proven to be up to five times dirtier than what we breathe outside, exposing us to harmful viruses, bacteria, and other impurities, including pollen, dust mites, moulds, and germs.

Introducing, the revolutionary **ablatum mini** air virus killer.

The **ablatum mini** is grounded in science using cutting-edge clean air technology and bi-polar ionisation to kill harmful pathogens and purify the air that we breathe.

Despite its elegant, non-obtrusive compact design, the **ablatum mini** is a powerhouse, producing 180 million positive and negative ion per cm³, effectively killing viruses and other pathogens within 30 minutes, for rooms between 10m³ to 80m³.

The **ablatum mini** has been independently tested and accredited by leading laboratories to effectively kill **SARS / CoV-2, H1N1**.

The **ablatum mini** can be installed in less than a minute and is maintenance free. Simply switch on, and the **ablatum mini** goes to work quietly and efficiently in the background, allowing you to have peace of mind, that you, and your loved ones are, safe.

ablatum

verb
A latin word meaning to remove or carry away



KILLS VIRUSES AND BACTERIA
Reduces pathogens by 99.9%



TESTED BY CERTIFIED LABS
Kills SARS / CoV-2, H1N1



NO MAINTENANCE
Maintenance free and simple installation, standalone



AIR PURIFIER
Breathe fresh, clean air

Unique Features of the *ablatum mini*

- The *ablatum mini* is grounded in science and engineered like no other
- Certified and accredited by independent laboratories to kill 99.9% of SARS / CoV-2 and H1N1 viruses
- Industry leading fan design allows the flow of 180 million bi-polar ions per cm² into the air
- Delivers 4 times as many ions per device to make your environment safe
- Sterilises air for rooms between 10m³ to 80m³ within 30 minutes
- Elegant, non-obtrusive design that stylishly harmonises with the aesthetics of your home or workplace
- Completely maintenance free
- Easy plug and play installation
- 10 hour built in timer to switch device on/off
- Certified Ozone Friendly
- Quiet and energy efficient
- Scientifically proven to extend shelf life of fresh food products
- Available in 4 different models and 3 different colours



Grounded in Science

Independently tested and certified by leading microbiology laboratories in both the US and PRC.

Certified results of removal rate:

Harmful Substances	Types	Reduction Rate	Year
Viruses	SARS / CoV-2	99.90%	2021
Viruses	H1N1 Flu Virus	99.90%	2021
Ozone	The percentage of ozone in the room shall not exceed 5×10^{-6} (FDA approved rate of 0.05 ppm)	Maxime ozone concentration recorded: 2.1×10^{-6} (0.021ppm)	2021

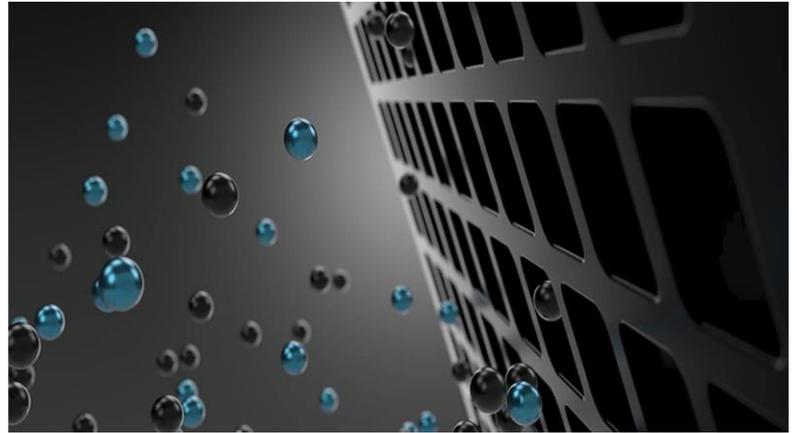
Scientifically recognised removal rate:

Harmful Substances	Types	Reduction Rate
Bacteria	Escherichia coli ATCC	99.90%
Bacteria	Staphylococcus aureus	99.90%
Bacteria	Staphylococcus albus	99.90%
Fungi		99.90%



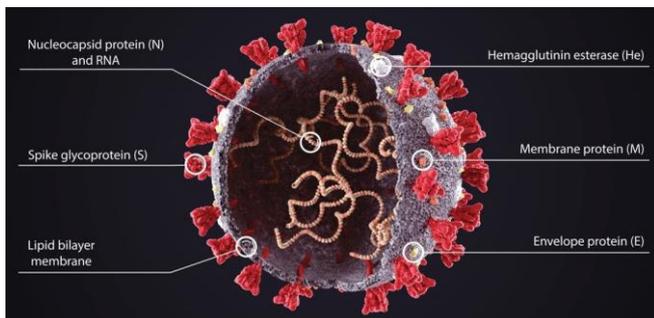
How It Works ?

The ablatum *mini's* bi-polar ions are made from the same type of positive and negative ions that occur in nature. Plasmacluster ions are naturally occurring airborne water and oxygen, but in a different form.



The ablatum *mini's* bi-polar technology generates 180 million positive hydrogen ions (H+) and negative oxygen ions (O²⁻) per cm³, which work in conjunction with the Plasmacluster ions and attach to the surface of the airborne viruses and other substances and change into OH radicals. The surface of viruses, bacteria and allergens are mainly comprised of protein. With their extremely strong oxidising power, the OH radicals quickly extract hydrogen (H) from the protein on the surface of viruses and other pathogens, thus decomposing the protein and suppressing activity.

By removing the hydrogen atom (H) from the structure of viruses, bacteria and allergens, the undesirable substances become inactive. Finally, the OH radical bonds with the removed hydrogen atom (H) to immediately form water (H₂O), which is returned to the air creating clean fresh air.



Additional benefits of the *ablatum mini*

There are many scientific and research findings on the additional benefits of air purification.

These includes:

1. Reduction in respiratory related problems. Cleaner air allows us to breathe easier and alleviates allergies, coughs and even asthma.
2. Negative ions are believed to produce biochemical reactions that increase levels of the mood chemical serotonin, helping to alleviate depression, reduce headaches, relieve stress, and boost our physical energy.
3. Better sleep. Due to the positive effects in normalising serotonin production in the brain, negative ions can assist to get a better quality of sleep.
4. Negative ions increase your sense of well-being and mental clarity by counteracting debilitating positive ions in your environment. They have been described as a natural antidepressant.
5. Elevated mental concentration and performance. Testing has regularly shown that subjects exposed to high levels of anions perform better in mentally challenging tasks than those breathing normal positive ion dense air. Simply put, the increased flow of oxygen to the brain, can increase mental energy.