



Significantly reduce the risk of airborne and surface viruses and bacteria with HQAir.

An exceptionally fast, safe and effective air and surface treatment system which removes 99.99% of surface and air pathogens (including COVID-19).

*Using powerful “Hydroxyl Treatment Technology”, HQ Air offers you a 24/7 **Effective Air Treatment System** – reducing the risk and spread of viruses and bacteria and providing a safer working environment for customers and staff.*

- ✔ **Removes 99.99% of viruses / bacteria (Covid19 / Influenza / Common Cold)**
- ✔ **Eliminates mould and Destroys mould spores**
- ✔ **Neutralizes Odors and Smells from Volatile Organic Compounds**
- ✔ **Proven and Extensively Tested technology****
- ✔ **Chemical free, completely safe and environmentally friendly**
- ✔ **Offers a Simple “Scalable Solution” for Effective Air Treatment**

(as in FDA approved Class II Medical Devices)**

What are hydroxyls?

Hydroxyls (OH) are safe, naturally occurring molecules that are created in our atmosphere when the sun's ultraviolet rays react with water vapor. They play a critical role in cleaning the earth's atmosphere and are often referred to as the "detergent" of the atmosphere. They can be utilized to kill bacteria, viruses and mould, and to break down volatile organic compounds (VOCs), chemical fumes, gases, vapors and unpleasant odours.

Through the use of proprietary UV technology, HQ Air replicates the natural production of hydroxyls to actively eliminate biological and chemical contaminants.



How it works

The HQ Air unit contains a uniquely designed HGU (Hydroxyl Generation Unit) that uses proprietary UV technology to create hydroxyls, which sanitize the air, removing pathogens, odours, mould and volatile compounds.

Hydroxyl technology was first pioneered at NASA for use in the Space Shuttle and the International Space Station and is now used worldwide. The dynamic nature of the hydroxyl molecule results in the destruction of any bacteria and virus it contacts, by penetrating their cell walls.

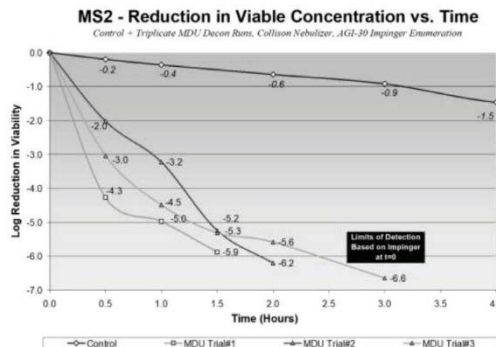
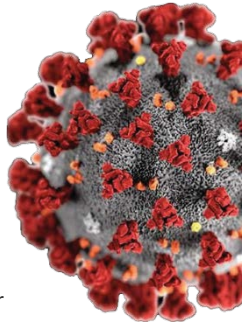
The 'constant stream' effect of the HQ Air unit provides the ongoing generation of hydroxyls, projecting them through the air and onto surfaces in the room - where they 'Seek and destroy' pathogens such as bacteria and viruses and safely eliminate them.

Portable or fixed systems

HQ Air is available as a portable unit, suitable for individual rooms, or as a fixed installation within the air conditioning system for large areas - which works 24/7 to protect your indoor spaces.

Removes 99.9% of novel coronavirus (COVID-19) from air and surfaces within one hour.

The HQ Air Hydroxyl technology has been extensively tested against DNA / RNA based viruses (the approach used in FDA approved testing) - demonstrating that HQ Air is effective against a full range of viruses, no matter their protective sheaths. These viruses are a surrogate for COVID-19 - making HQ Air a fast and effective treatment solution to this virus.



Pictured: FDA testing of MS2 virus, a surrogate for COVID-19. The MDU testing showed a level of efficacy of 99% (2 log reduction) in contamination within 15 to 30 minutes - an exceptionally fast treatment rate. Overall, the system achieved a 4-5 log reduction (99.99% and 99.999%) within two hours - far exceeding FDA standards.

HQ Air is the only technology available that can actively reduce the viral contamination in occupied spaces, reducing the risk of cross contamination. The difference being, is that the air does not need to go through the unit - as it projects safe treatment for the entire space.

HQ Air technology has also been through FDA's rigorous safety and efficacy testing where it provided consistent results of **> 99.9% reduction in virus, bacteria and mould within 2-3 hours.**

The only technology to work on both **surface and airborne** contaminants.

DESTROYS UP TO

99.9%

ODOURS

INFLUENZA

MOULD

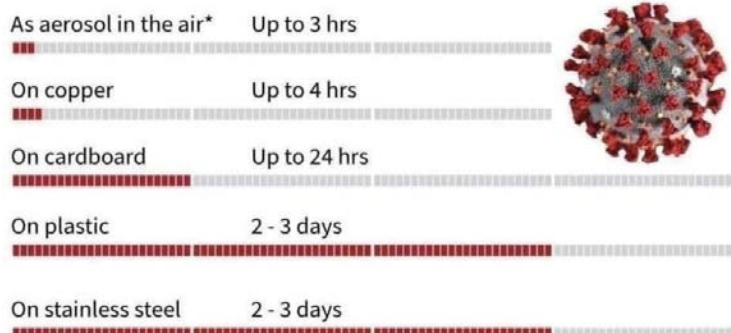
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HQ Air uses natural, safe and immediately effective technology to eliminate 99.9% of the harmful bacteria and viruses - including influenza, E. coli and staphylococcus, as well as destroying mould and eliminating odours. All without using any potentially harmful or toxic chemicals.

If untreated, how long does COVID-19 last?

The virus that causes coronavirus disease 2019 (COVID-19) is stable for several hours to days in aerosols and on surfaces, according to a new study from National Institutes of Health, CDC, UCLA and Princeton University scientists in The New England Journal of Medicine. **HQ Air significantly reduces this timeframe and the risk of infection.**



Protects all indoor spaces

- ✓ Schools
- ✓ Pharmacies
- ✓ Treatment rooms
- ✓ Restaurants
- ✓ Offices
- ✓ Gyms
- ✓ Public transport
- ✓ Hospitals / doctors surgeries
- ✓ Childcare centres
- ✓ Aged care centres
- ✓ Pubs and clubs
- ✓ Train stations
- ✓ Any indoor space

Our innovative and proven products provide complete safety, confidence and reassurance that you are taking effective measures to prevent the spread of infectious viruses and bacteria in your workplace / home and your surrounding environment

Why HQ Air?

HQ Air incorporates Hydroxyl technology, which uses a safe and efficient process based on a specially designed ultra-violet globe to mimic the effect of the sun, creating hydroxyls over a large area. It literally cleans the air you're breathing - and sterilizes surfaces to ensure a healthy environment.

It's natural

HQ Air technology mimics the natural effect of sunlight to produce safe, normally occurring atmospheric hydroxyls which act as nature's cleaning agents within our atmosphere.

It's effective

HQ Air technology will eliminate 99.9% of harmful bacteria and viruses, including Influenza, E. coli and staphylococcus, as well as destroying mould and eliminating odours. All without using any potentially harmful or toxic chemicals.

It's immediate

An HQ Air unit will immediately improve the health of the air you breathe. HQ Air technology ensures the healthiest indoor environment for your employees and customers.

It's safe

Atmospheric hydroxyls themselves are completely natural and non-harmful to humans, plants or animals. HQ Air technology uses a tried-and-tested method to produce hydroxyls safely, with no risk to humans.

DIMENSIONS + TECHNICAL SPECIFICATIONS

Dimensions: 370 x 370 x 75 (mm)
Coverage (ideal room size) 40 - 70 Sq Meters

Noise: 38 Db Approximate (+/- 5%)

Hydroxyl Generators: One Replaceable (with expected Operational Life - 12000 hours)

Power Consumption: 40 to 65w
Air Flow: Low flow / Low noise

Controls: Touch

HQ Air operates a policy of continuous research and development, this means we are seeking to improve our products and their performance on an on-going basis - Accordingly, ALL specifications are subject to change and improvement across our product range.

**For information on pricing and product availability contact Restore Solutions.
Email: orders@restoresolutions.com.au or Phone: 0411 800 983**