

RGF® Patented PHI Technology

- Photohydroionization® or PHI is a patented Indoor Air Quality (IAQ) technology suitable for both air-conditioned and non-air-conditioned spaces.
- The PHI-CELL® uses proven innovative technology with over 4 million units in use in over 60 countries.
-    peroxide throughout indoor spaces at low levels, similar to those found in nature, killing viruses, bacteria, mould spores and odours at the source.
- A naturally occurring sanitiser in our environment, hydrogen peroxide is incredibly effective at reducing contaminants inside, just as it is outside.



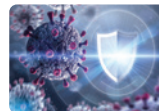
How does it work?

- The PHI Cell® produces a Photohydroionization® advanced oxidation process.
- This is a simple oxidation reaction that changes water molecules (H₂O) into large numbers of active molecules of Hydrogen Peroxide.
- Molecules of Hydrogen Peroxide that are suspended in air are highly effective at inactivating single cell organisms by bonding to them, breaking down their molecular structure and rendering the cells back to inert oxygen and hydrogen.
- In addition, molecules of Hydrogen Peroxide fall out of the air and effectively reduce surface contamination.
- Hydrogen Peroxide molecules also reduce volatile organic compounds and odours in treated spaces.

Improve your air, improve your life



Breathing fresh air protects your health



Actively seeks and destroys contaminants in the air and on surfaces



Increased productivity



Creates a fresh, healthy feeling indoor environment



Significantly reduces the risk of virus transmission and bacteria etc



Reduced absenteeism in workplaces and schools



Ensures your environment is clean and healthy 24/7



Low energy with minimal impact on your energy bill

Inactivates 99.9% of known viruses including SARS-CoV-2