

Proven Active Air Treatment for schools

How can poor air quality in classrooms and schools put students health at risk?

Breathing fresh air protects our health and improves our wellbeing. An active air purification system from SIGRIST DESIGN PTY LTD uses proven technology to provide the cleanest air - without the use of harmful chemicals or energy consuming, high maintenance and often ineffective filters.

The majority of a school day is spent indoors. Most schools have poor ventilation and keeping windows open throughout the year is not always an option. This leads to high levels of indoor air pollution, meaning that students are more likely to pass on viruses to one another and have poor concentration and focus.

Unlike outdoor air pollution, nature cannot purify the air inside a building, so it needs a little help. With RGF's proven and world leading active purification technology you will have peace of mind that you are providing the best possible indoor air quality for your students and staff.

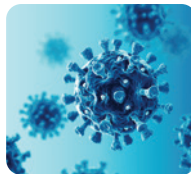
Used in hundreds of schools worldwide RGF's REME® and PHI-CELL® patented technologies reduce pollutants and microbes in the air **and** on surfaces, in all types of air conditioning systems or inside the unique Airius fan systems.



PHI Technology has been proven to inactivate SARS-CoV-2 virus by 99.9% in independent testing*

- ✓ 'Search and Destroy' Technology
- ✓ Removes contaminants at the source
- ✓ Easy to install & low maintenance
- ✓ Low cost & low energy use
- ✓ Air-conditioned and non-air-conditioned spaces
- ✓ Significantly reduces classroom absenteeism
- ✓ Used in hundreds of schools world wide

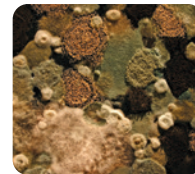
24/7 Protection From Major Contaminants



Viruses



Bacteria



Mould Spores



VOC's



Pollen



Dust



World leading active air purification technology, independently tested to inactivate 99.9% of known viruses including SARS-CoV-2 in the air and on surfaces

*PHI Technology testing undertaken by Innovative Bioanalysis Laboratories Cali USA in 36 CBM test chamber with actual SARS-CoV-2 virus, with REME-HALO, HALO-LED and PKG Units all achieving the 99.9% inactivation rate.

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**.
- PHI active air purification distributes aerosolised hydrogen 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.



Improve your air, improve your life

- 1** Breathing fresh air protects your health
- 2** Actively seeks and destroys contaminants in the air and on surfaces
- 3** Increased productivity
- 4** Creates a fresh, healthy feeling indoor environment
- 5** Significantly reduces the risk of virus transmission and bacteria etc
- 6** Reduced absenteeism in workplaces and schools
- 7** Ensures your environment is clean and healthy 24/7
- 8** Low energy with minimal impact on your energy bill

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.

Keeping students and staff safe in the following Schools:

- Camberwell Girls Grammar School, VIC
- Goulburn Valley Grammar School, VIC
- Theodore Primary, ACT
- Monash Primary, ACT
- Mt Franklin Primary, ACT
- St Martins Episcopal School, FL
- 320 Schools in Ontario, Canada [‘Cleaner Air for Schools’ Programme]
- Green Bay School Buses
- Tennessee Schools
- The ELS Center of Excellence, FL and **hundreds** of other education facilities

Don't wait for the virus to come to you!