

## BioAir [GPAC] Executive Summary

Our Australian Company BioAir Pty Ltd is a global distributor of a breakthrough Gas Phase Air Cleaning [GPAC] Technology which provides unrivalled indoor air quality, substantial financial savings and large environmental benefits in the use of Commercial HVAC applications.

The Inventor of the [GPAC] is Paul Spry who was the Chairman of the Committee that wrote the Australian Standard AS1668.2 on air conditioning and ventilation that all Australian Commercial buildings must comply with.

In writing the Australian Standard it was quite evident to Paul that the need to develop an odour filtration system was paramount as there was no definitive odour filtration removal technology available worldwide. The Australian Standard is legislated to mitigating odours ie: HVAC, ventilation requirements for occupancy.

### Key Facts:

- GPAC provides up to 50% reduction in Commercial HVAC Plant size requirements, substantially reducing capital costs. Highest occupancy = highest savings! ie auditoriums, theatres, sport facilities, entertainment venues etc.
- Unrivalled air purification in commercial buildings providing >90.84% removal of odours and pollutants, resulting in unprecedented indoor air quality which equates to enormous health and performance benefits for occupants.
- GPAC greatly reduces requirement for ducting fresh air into buildings (which can be quite polluted) this equates to cost savings on ducting and ventilation requirements, also improving building design elements.
- Mitigating external air requirements has a large impact on the cooling/ energy demands of bringing outdoor air to room temperature in extreme climates, again reducing costs and environmental footprint.
- GPAC is a standalone unit, it requires a simple installation and minimum ongoing maintenance. Life cycle of filtration media is 4-5 years.
- GPAC units can be manufactured to hospital operating theatre specification, thereby providing a complete indoor air quality solution.
- GPAC is manufactured in Australia to the highest standard, utilising cutting-edge European componentry.

As you can see by these statements the GPAC offers a fresh approach to complementing traditional commercial HVAC systems providing a wealth of benefits to the client and the planet.

Jamie Walden  
Director  
BioAir Pty Ltd.