Monitor workplace environments to improve health, wellbeing and financial performance.

The Freespace Pure Air Module (PAM) sensor measures a complete and wide range of air quality metrics. This includes noise, light, temperature, humidity, CO2, VOC, particulate matter and a range of other parameters. The data enables organisations to achieve industry recognised certifications, improve the employee experience, reduce sickness and drive energy efficiency.

Benefits.

Organisational benefits:
- Improved building efficiency
- Improve reputation by meeting industry standards and certifications
- Improved employee productivity and reduced sickness levels
- Assisting in right-design based on natural environment conditions

Employee benefits:
- Better health and well-being
- Optimal working conditions
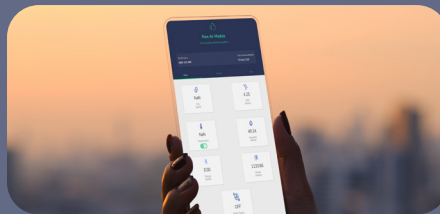- Improved productivity

OPTIMAL WORKING ENVIRONMENT.

The sensor is designed to create alerts, enabling organisations to understand when agreed thresholds are breached (i.e. where CO2 levels have increased beyond the agreed limit) and make interventions to improve employee wellbeing. Additionally, through intelligent integrations to the Building Management System the data can be used to optimise the HVAC system and used to correlate other parameters to create for more valuable insights.
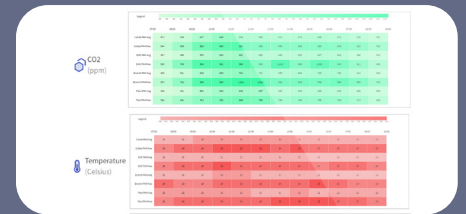
OCCUPANCY BEHAVIOURS & AIR QUALITY.

The deployment of air quality and occupancy sensors can provide organisations with powerful insights on employee behaviours and the misuse of space. Enclosed spaces (i.e. phone booths) are designed for short periods of use However, the implications of prolonged use are clearly evident with increasing CO2, higher temperatures and the accumulation of VOCs. This not only impacts productivity but also employee wellbeing. Organisations can use this data to make interventions on employee behaviours and guidelines on space use (i.e. leaving doors open, limit eating in certain areas).

COMPLIANCE AND SAFETY.

The PAM sensor is key in helping organisations achieve recognised standard and certifications (i.e. WELL, FITWELL, LEED, IGBC etc) that promote health and well-being. Monitoring this data live and the ability to export and send it as part of the certification process enables a simpler and more cost-effective approach towards the overall journey.

INSIGHTFUL ANALYTICS TO RIGHT DESIGN.

The sensors provides real-time data to our analytics portal for each environmental quality metric. This is displayed on key dashboards which include 'todays air quality' and 'historical air quality'. Data showing unique trends of space usage can uncover a new metric when right designing which may have not previously been considered. Where natural, ambient light could cause spaces to be under utilised, or noise based on busy working areas leave employees to avoid certain areas. We have more advanced solutions, which are customisable to individual client requirements.

Freespace.