

Introducing **Butterfly Air**[™]

Advanced indoor air quality monitoring



Developed in collaboration with Imperial College London to deliver a coordinated solution for real-time continuous monitoring in commercial buildings – offices, hospitality, education, and residential. The Butterfly family links with BMS to optimise IAQ with minimised energy use – delivering ROI through wellbeing and sustainability.

When butterflies are present, we know the air is healthy.



Our purpose is deeply rooted in nature. Butterflies are sensitive indicators of the health of our environment. Scientific studies have proven the correlation between the presence of butterflies and healthy air. Air pollution obscures the smell of flowers, making it much harder for pollinators to find them. Therefore, when butterflies are present it's a sign of clean, healthy air.

glOWING Interface[™]



Good
Moderate
Attention

Intuitive knowledge: understand at a glance

Butterfly wings change colour to indicate IAQ at any time, simultaneously measuring IAQ data including: PM1, PM2.5, PM10, VOC, CO2, temperature and humidity.

Breakthrough **LaminAIR**[™] Flow[™]

We reimagined the way air navigates through the sensing chamber – patented LaminAIR flow technology ensures Butterfly devices consistently update all key IAQ measurements to meet the latest international WELL V2 standards.

These readings are maintained by the removable sensor pod which provides simple and cost-effective annual re-calibration of sensors required by WELL.



Air matters. Today more than ever.

A recent report realised by Imperial College London highlighted the lifelong impact of air pollution. It may look like the air is empty, but that's far from the truth. 1m³ of air weighs 1.2kg and contains 1 trillion molecules and atoms. If the concentrations of gases and particles in this mixture of air is not right then it can greatly affect our health, wellbeing, and cognitive ability. So it's important to have accurate information that can help us make good decisions.

We are committed to **sustainability**

In collaboration with a leading manufacturer, we have developed a tailored material made from post-consumer plastic waste. The impact of using this tactile material reduces the product carbon footprint by 49% compared to virgin plastic.

We have thought carefully about maintenance, reliability of sensors, engineering and battery efficiency so that we can ensure our products last.

Nature is fundamental to our health; therefore, we plan to invest in re-wilding and support the Butterfly Conservation Organisation from future revenues.



Our secure platform ingests thousands of data points from all devices 24/7, enabling clients to monitor and manage the safety, efficiency, and trend of their indoor spaces. The Butterfly App complements our platform and will provide mobile connectivity for Morpho, Antenna and Sapho.



Meet our team



Our friendly Butterfly team has expertise across design, technology and wellness. The company is based in the UK with a design studio in Chester.

We look forward to hearing from you !

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