



# EnviroGuard PRO<sup>TM</sup> X




# EnviroGuard PRO X™

Introducing a next generation, integrated system - delivering simultaneous air quality and environmental safety with advanced sensing, networking and smart connectivity - The EnviroGuard PRO X™.

The EnviroGuard system was developed in Australia by professionals - for professionals.





Indoor environments harbour viruses, bacteria,  
mould, VOC's, fine particles and allergens..

..posing risks to the health and wellbeing of people in  
the built environment



A white, cylindrical air purifier stands on a light-colored wooden floor in a dental office. The background is blurred, showing dental chairs and equipment. The purifier has a glowing green horizontal line and control buttons at the top.

# EnviroGuard PRO<sup>TM</sup> X

The science of air quality and hygiene



**Simultaneous**  
**In-air and on-surface**  
**sanitisation**

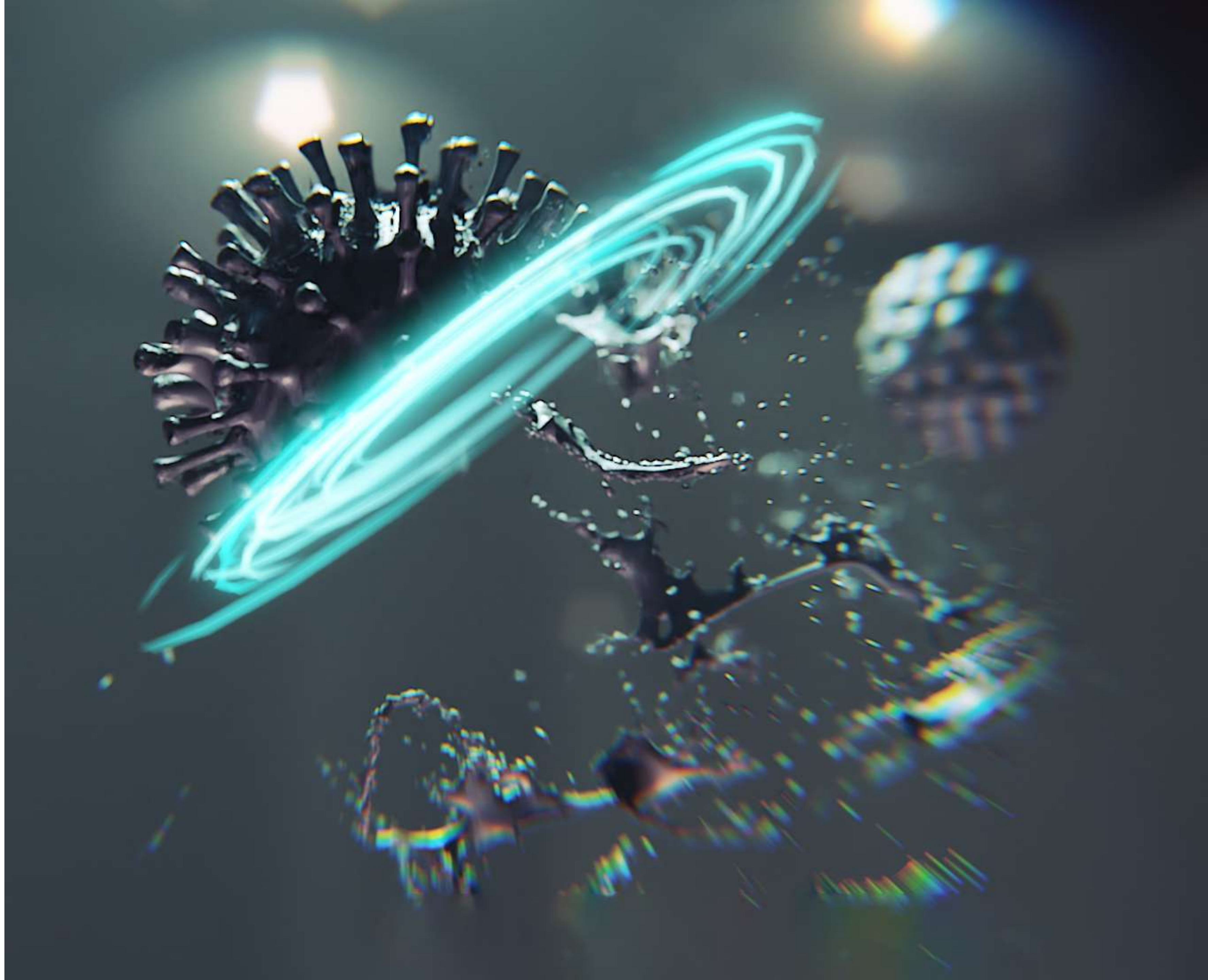


## Purox™ Gel

### In-air sanitisation

Through the process of controlled evaporation our Purox™ gel releases a natural and active sanitising agent into the environment, mimicking the compound generated naturally by UV sunlight.

**Purox actively breaks down harmful microorganisms in the air and on surfaces.**



## Purox™ Gel Sanitisation on touch surfaces

Purox gel settles on touch surfaces in your EnviroGuarded space, providing comprehensive protection.

A breakthrough system that manages every aspect of indoor air quality and environmental surface hygiene.

**>99% efficacy (average) in reduction of *E. coli*, *S. aureus* and *P. aeruginosa***



**Filter 1**  
*Coarse Particulate Pre-Filter*  
**Pollen & Allergens**



**Filter 2**  
*Antimicrobial Filter*  
*powered by AerisGuard™*  
**Bacteria & Viruses**



**Filter 3**  
*Medical-grade*  
*HEPA-13 Filter*  
**Bacteria, Viruses,**  
**Fine Particles**



**Filter 4**  
*Advanced Activated*  
*Carbon Filter*  
**VOC's, Chemicals**



EnviroGuard PrimeProtect™

# Understanding the PrimeProtect™ HEPA Filter





EnviroGuard PrimeProtect™

# PrimeProtect™ HEPA Filter

Our advanced 4-layer filtration system removes pathogens including viruses, bacteria, mould and allergens (0.3 µm) with **99.97%** efficacy.

## 1. Coarse Particulate Pre-Filter

Captures large particles including pollen, mould spores and pet dander.

## 2. Antimicrobial Filter powered by AerisGuard™

The AerisGuard™ Bioactive Filter affords additional efficacy reducing mould, bacteria and viruses (incl. COVID-19) on contact. It specifically prevents colonisation of harmful indoor pathogens in the filter. Traditional filters tend to become blocked by a build up of this material and become less effective over time.

## 3. Medical-grade HEPA-13 Filter

99.97% effective in reducing airborne viruses, bacteria, mould & allergens of 0.3 µm.

## 4. Activated Carbon Filter

Removes harmful gases, unpleasant odours, fumes and VOCs including chemicals from clothing, paint or furniture.



# Environmental Hygiene, Highest Indoor Air Quality

EnviroGuard PRO X™ combines two powerful patented technologies:

## Purox™ Gel + PrimeProtect™ Filtration

The synergy of these proprietary technologies delivers significantly improved indoor air quality - often better than the incoming outdoor air.

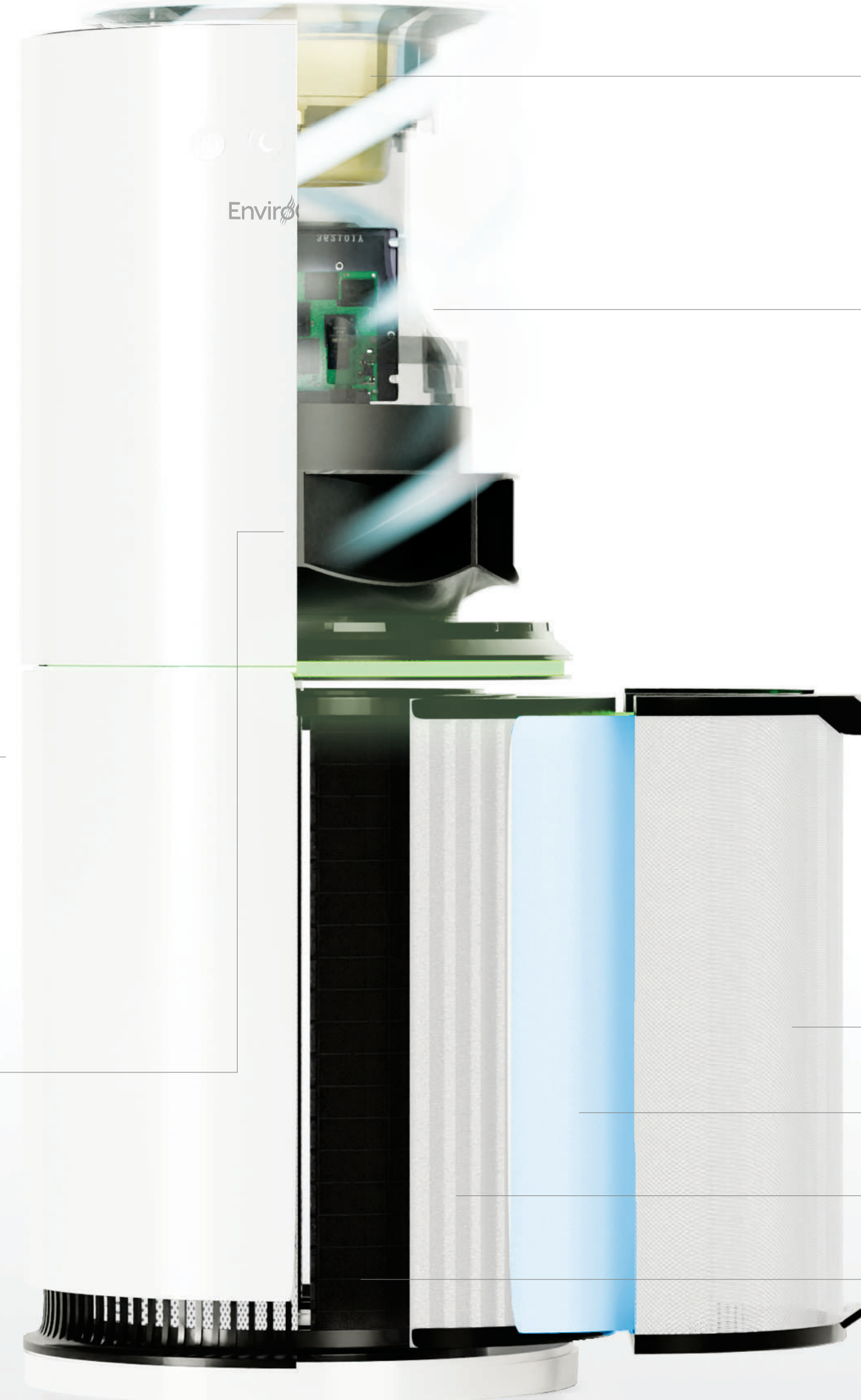
**The EnviroGuard PRO X™ system was developed by professionals - for professionals.**

## ProQuiet Airflow

Whisper quiet technology with 10 fan speeds plus boost mode.

## Halo Light Ring

Realtime feedback about your air quality and device



## Purox™ Gel

ACTIVE sanitisation that cleans both air and surfaces

## Smart Sensors

- Particle Sensor PM1, PM2.5, PM4, PM10
- Gel Capacity Sensor
- Temperature Sensor
- Humidity Sensor
- Filter Door Sensor
- Filter Sensor
- Lid Position Sensor

## PrimeProtect™ HEPA Filter

PASSIVE purification using 4 layered filtration

**Stage 1**  
Coarse Particulate Pre-Filter

**Stage 2**  
Antimicrobial Filter powered by AerisGuard™

**Stage 3**  
Medical-grade HEPA-13 Filter

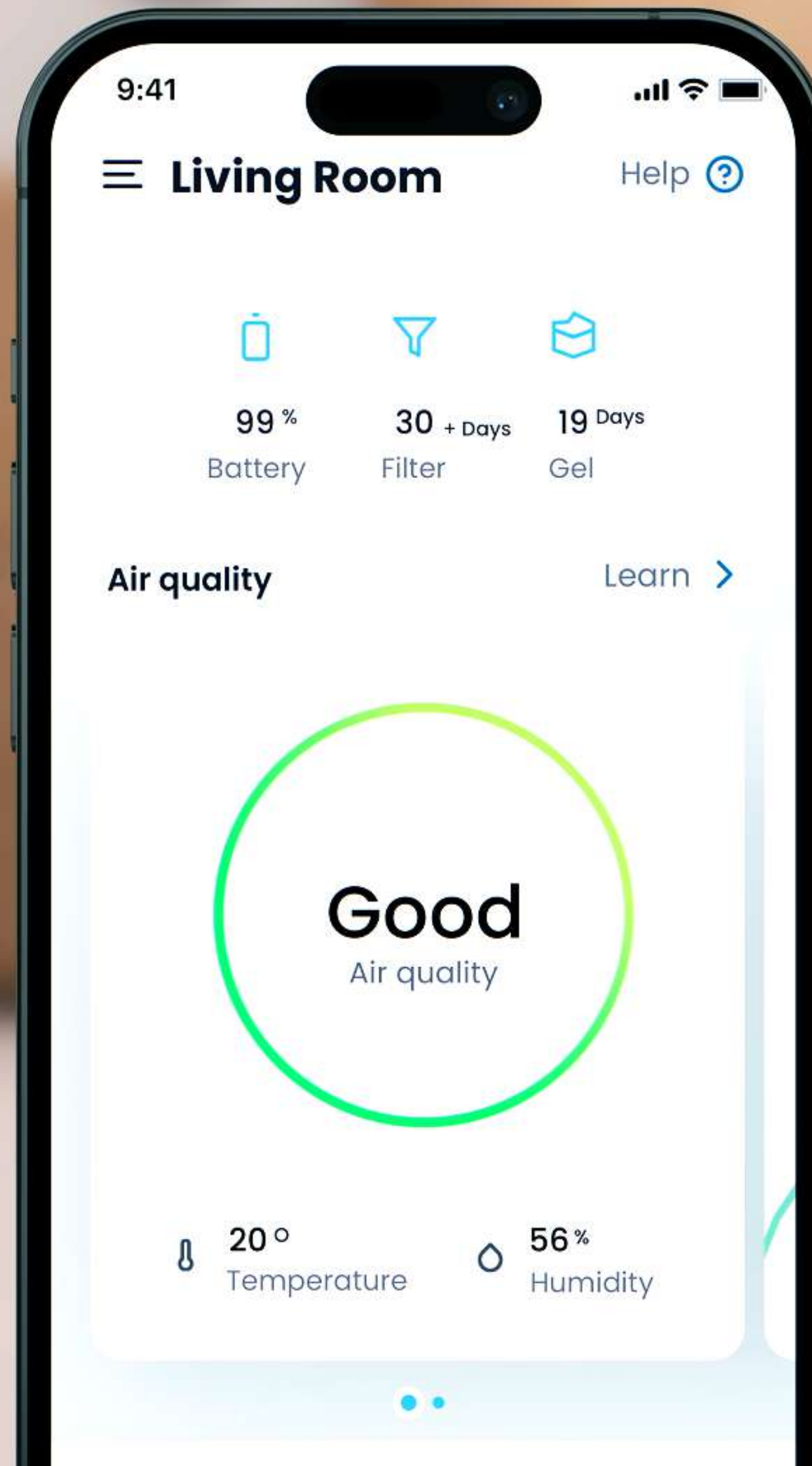
**Stage 4**  
Advanced activated Carbon Filter for VOCs and Chemicals

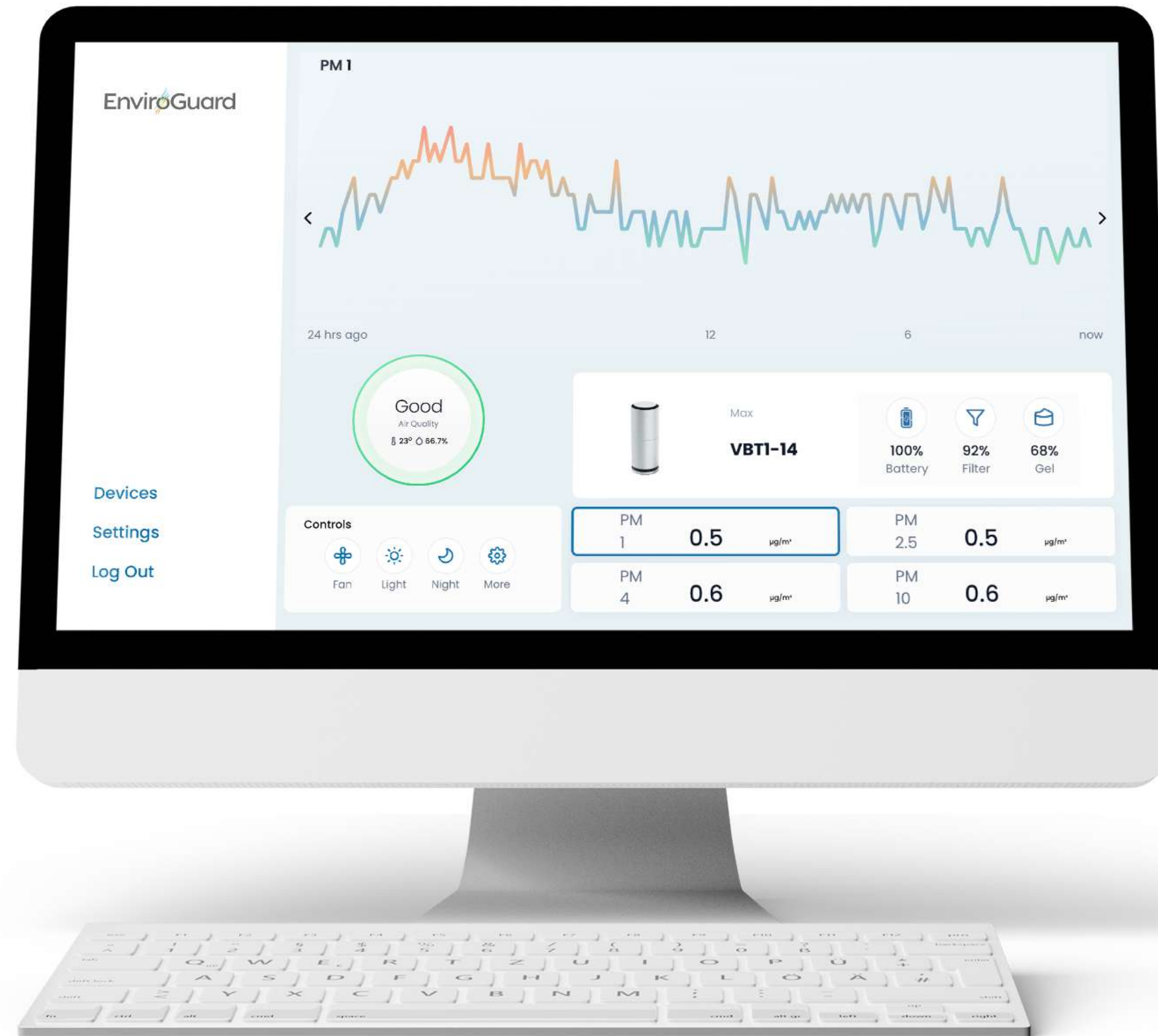


# EnviroGuard App

## Connect. Monitor. Control.








Works with WiFi and Bluetooth for seamless integration.





## Real Time Monitoring & Control

Air quality management made easy with the EnviroGuard Mobile or Web Apps giving you the ability to monitor & control numerous devices from wherever you are.

-  Particle Sensor PM1, PM2.5, PM4, PM10
-  Gel Capacity Sensor
-  Temperature Sensor
-  Humidity Sensor
-  Filter Door Sensor
-  Filter Sensor
-  Lid Position Sensor



# Purification & Sanitisation Rate

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## Large Room

Room size of 100m<sup>2</sup> with 2 air changes / hour with flow rate of 500m<sup>3</sup>/hr

## Medium Room

Room size of 50m<sup>2</sup> with 4 air changes / hour with flow rate of 500m<sup>3</sup>/hr

## Small Room

In a 25m<sup>2</sup> room, there are 8 air changes per hour, with the flow rate of 500m<sup>3</sup>/hr





Proactively contribute to the protection, health and wellbeing of people in the built environment.



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The science of air quality