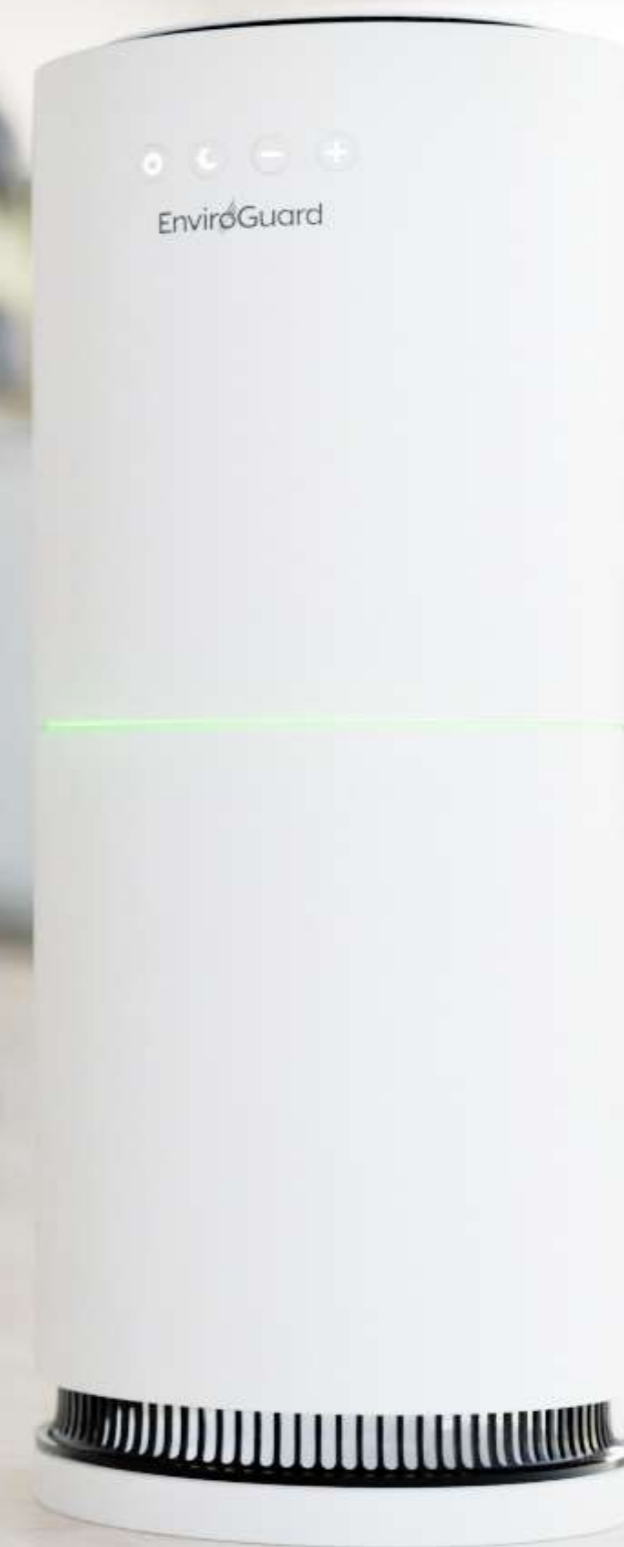




EnviroGuard PRO<sup>TM</sup>X

The science of air quality



Next Generation

## Outstanding Air Quality + Environmental Hygiene

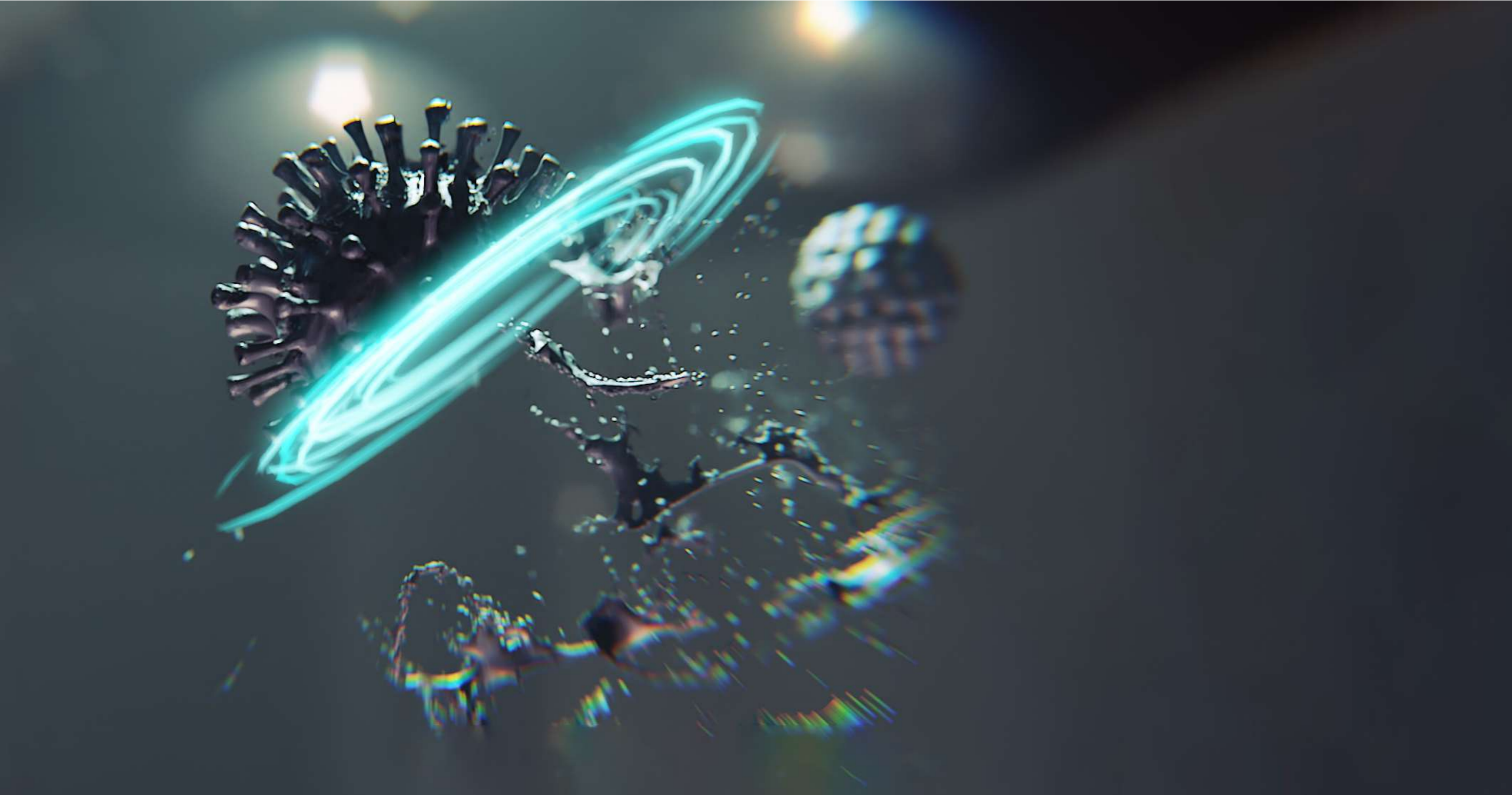
Introducing the [EnviroGuard PRO X™](#). An integrated system that delivers unparalleled air quality and environmental safety.

This next generation technology provides the world's first simultaneous in-air and on-surface sanitisation through the synergy of advanced purification and filtering, with active Purox sanitisation, continuously assuring improved hygiene of indoor air and surfaces.

PRO X™ actively reduces airborne contaminants and pollutants such as moulds, particulates and VOCs with improved protection against a wide spectrum of viruses, bacteria and fungi in your workplace.

Intelligent, quiet and naturally better.

EnviroGuard PRO X™



# 1. 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.**





## 2. Sanitisation on touch surfaces

Purox™ gel's natural sanitising agent settles on touch surfaces in your EnviroGuarded space, providing improved protection and hygiene.

A breakthrough proprietary system that comprehensively manages indoor air quality and environmental hygiene.

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



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



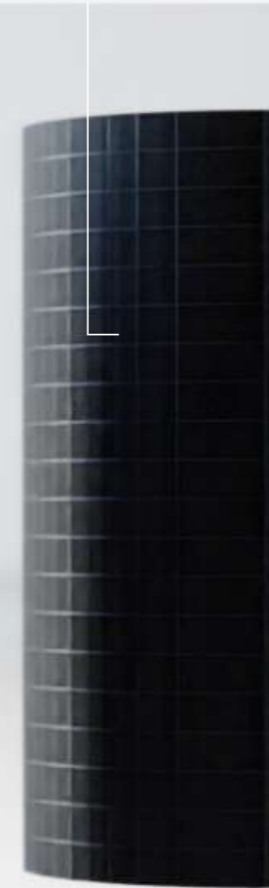
**Filter 2**  
*Antimicrobial Filter powered by AerisGuard™*  
**Bacteria & Viruses**



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



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



### 3. Neutralises pathogens in the filter

Our advanced 4-layer filtration system removes pathogens and respiratory irritants including viruses, bacteria, mould, allergens and particulates (0.3  $\mu\text{m}$ ) with 99.97% efficacy.

PRO X™ filtration applies AerisGuard bioactive technology which reduces pathogens on contact in the filter.



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## Environmental Hygiene + Highest Indoor Air Quality

EnviroGuard PRO X™ combines two powerful patented technologies:

### Purox™ Gel + PrimeProtect™ Filtration

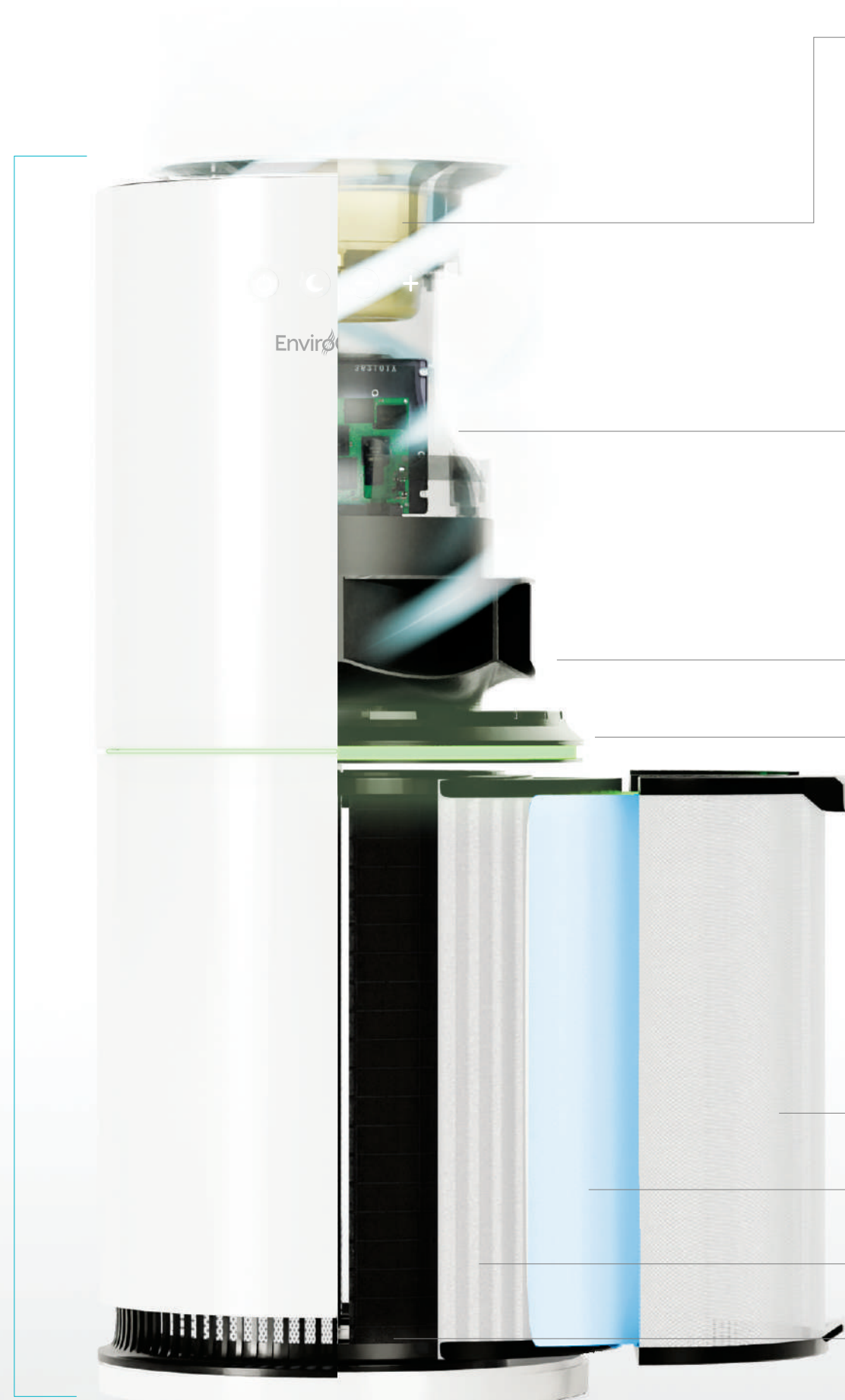
The synergy of these proprietary technologies delivers significantly improved indoor air quality - often better than the incoming outdoor air.

Smart sensor technology monitors and actively manages indoor quality and system performance. With powerful networking capabilities and reporting via web and mobile apps EnviroGuard PRO X™ enables the management of your protected environments from anywhere.

Our intelligent Halo light ring communicates real-time air quality and performance, at a glance.

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








720mm (H) x 287mm (D)



### Purox™ Gel

ACTIVE sanitisation that treats 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

### ProQuiet Airflow

Whisper quiet technology with 10 fan speeds plus boost mode.  
Noise: 33dBA up to 59dBA

### Halo Light Ring

Realtime feedback about your air quality and device

### PrimeProtect™ HEPA Filter

PASSIVE purification using 4 layered filtration

**Filter 1**  
Coarse Particulate Pre-Filter

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

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

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



EnviroGuard

## Purox™ Gel

### Sanitising Gel Cartridge

The Natural Process of Air Sanitisation with **>99% efficacy\***

\*Tested against *E.coli*, *S.aureus* and *P.aeruginosa*

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

The sanitising agent actively breaks down harmful microorganisms in the air and on surfaces through a series of redox (oxidation-reduction) reactions.

**Purox™ Gel** conforms to the highest safety standards where people occupy the space while in operation\*.

\*At substantially less than Safe Work Australia\* & NIOSH\* exposure limits (1 ppm), is 100% ozone-free.

EnviroGuard

## PrimeProtect™ 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

Capturing 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

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



## AIR FILTRATION

with PrimeProtect<sup>™</sup> Filter

**Filter 1 - Coarse Particulate Pre-Filter**  
Captures large particles

**Filter 2 - Antimicrobial Filter powered by AerisGuard<sup>™</sup>**  
Kills harmful pathogens including bacteria, viruses (incl. COVID-19), and mould on contact

**Filter 3 - Medical Grade HEPA-13 Filter**  
Removes viruses, bacteria, mould & allergens of 0.3 µm with 99.97% efficacy

**Filter 4 - Activated Carbon Filter**  
Removes harmful gases, unpleasant odours, fumes and VOCs

**Replacement**  
Every 6 months\*  
\*depending on environmental conditions

## AIR & SURFACE SANITISATION

with Purox<sup>™</sup> Gel

**Active Sanitising Agent**  
Purox<sup>™</sup> Gel:  
Hydrogen Peroxide (5.8% w/w)

**Weight**  
500g (net)

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

**Safety**  
100% Ozone free; substantially below Safe Work Australia<sup>^</sup> & NIOSH<sup>†</sup> exposure limits (1ppm)

## FEATURES

**Filter Life Indicator**

**Night Mode**  
Sets to a low fan speed and dims all device lights

**Boost Mode**  
Sets to the highest fan speed

**Connectivity**  
WiFi 2.4GHz  
BLE (Bluetooth Low Energy)

**Remote Management\* via Web and Mobile-App\*\***  
\*Internet connection required  
\*\*Available on App Store and Google Play

**Firmware updates available via WiFi**



**Designed, developed and assembled in AUSTRALIA**

Powered by **BREATH**

## SMART SENSORS

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

## OPERATIONAL SPECIFICATIONS

**Fan Speed Settings**  
1 - 10 and Boost Mode

**Airflow**  
CFM: 44 - 253  
CMH: 75 - 430

**Airflow - Boost Mode**  
CFM: 295  
CMH: 500

**Noise**  
33dBA up to <59dBA

## POWER

**Max Energy Consumption**  
80W

**Voltage**  
240-250V~

## DEVICE INTERFACE

**Control Buttons**  
1. Power  
2. Night/Mode  
3. Fan speed -  
4. Fan speed +

**Halo Light Ring Indicator**  
Air Quality  
Filter Gauge Reset  
Gel Replacement  
Bluetooth Connectivity Pairing  
Fan Speed Setting  
(OFF in Night Mode)

## PHYSICAL SPECIFICATIONS

**Model**  
EPR2301

**Dimensions (mm )**  
720 (H) x 287 (DIA)

**Material**  
High Quality Polymer

**Weight**  
7.6 kg (net)  
9.3kg (incl. filter & gel)

**Warranty**  
1 Year

EnviroGuard PRO X<sup>™</sup> is not a medical device and is not intended to prevent, alleviate or treat respiratory illness or infection.

Technical specifications of EnviroGuard PRO X<sup>™</sup> are subject to change.

<sup>^</sup>Workplace Exposure Standards for Airborne Contaminants, October 2022

<sup>†</sup>National Institute for Occupational Safety and Health (NIOSH) - Hydrogen Peroxide

For more information contact

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