

ETERIA *by* VITESY

LABORATORI FABRICI SRL

REALISING A ZERO POLLUTION
AMBITION AND A TOXIC-FREE
ENVIRONMENT

The Problem

Indoor air pollution can be up to 5x higher than outdoor pollution*.
We spend 90% of our life indoors.

Modern living can be a challenge. Pollutants, chemicals and toxins fill the spaces we live and work in. And with climate change, things are only getting worse.

But it doesn't have to be this way.

Discover our solutions against Indoor Air pollution

Meet Eteria

Eteria is a **smart indoor air monitoring and purification system**.

Eteria means compactness, excellent performance, sustainable design, zero-waste philosophy, and cutting-edge technology.

Eteria is your **personal air purifier**, totally flexible and ready to adapt to all your needs to improve your life.



2 products 1 solution

Eteria is made of **2 different parts**: the **purifying unit** and the **monitoring module**. The latter can also be used on its own as a smart Air Quality Monitor.

Thanks to a smart network of modules (containing the sensors) and mobile purifiers, Eteria performs **a complete mapping of your spaces to eliminate pollutants** and intelligently purify every corner of your home.

It's a tailor-made solution, ready for any situation and environment.

Magnetic connector



Purifying unit

Monitoring module

Monitoring Module

The Monitoring Module is the brain of Eteria. It houses all the components needed for **Internet connectivity** and is equipped with **4 high-quality sensors:**

- ▶ Temperature
- ▶ Humidity
- ▶ VOCs (Volatile Organic Compounds – *the most common type of Indoor Air pollutant*)
- ▶ Carbon Dioxide equivalent (CO₂eq)

Thanks to the **LEDs** it will immediately **give you a hint of the Air Quality** in the room.

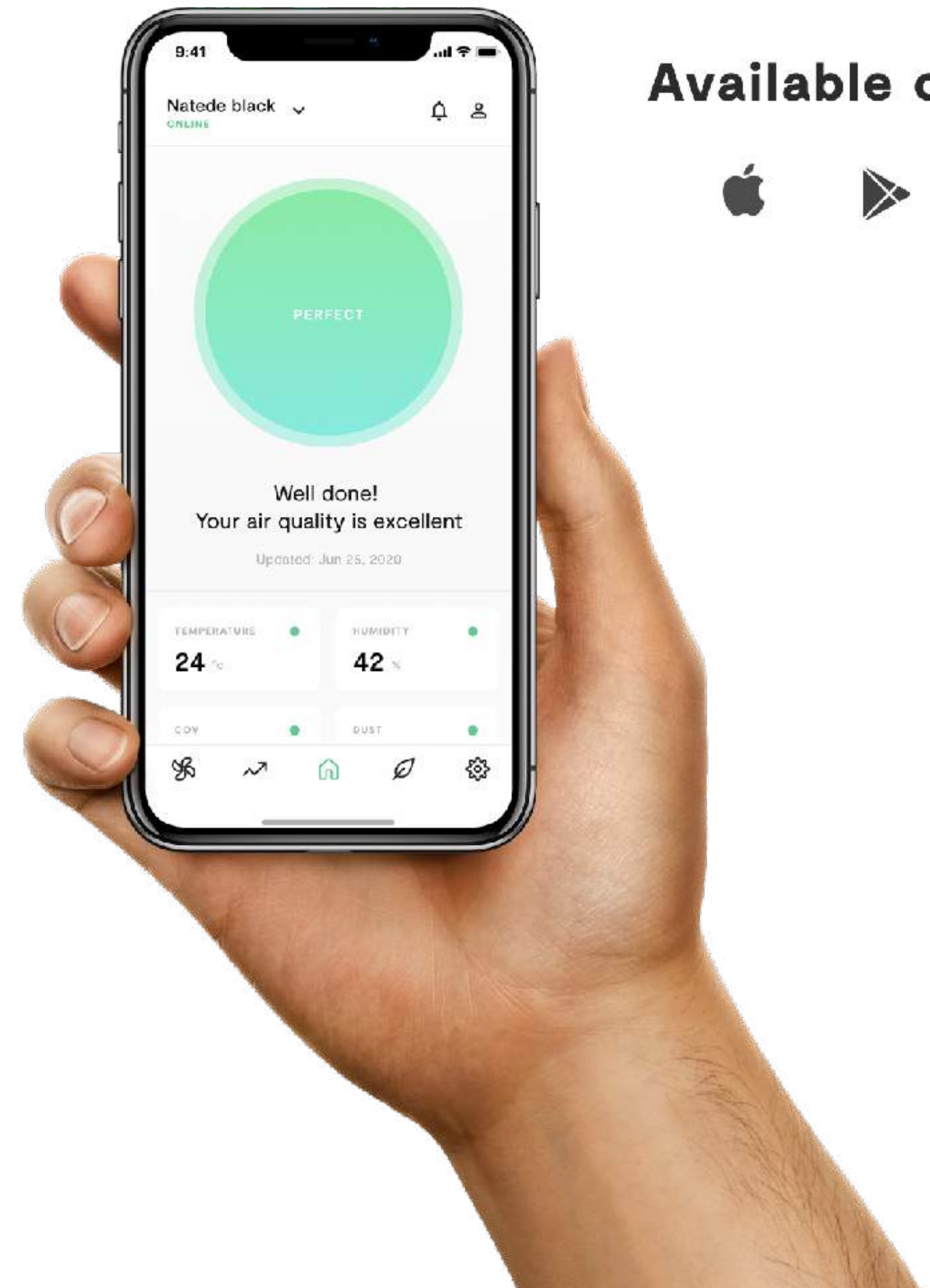


Real-time data & easy device control

With **Vitesy Hub app**, you can **check** at any time and from anywhere **the real-time data of your Air Quality** in your homes or offices.

Eteria adapts to your needs thanks to the customizable programs.

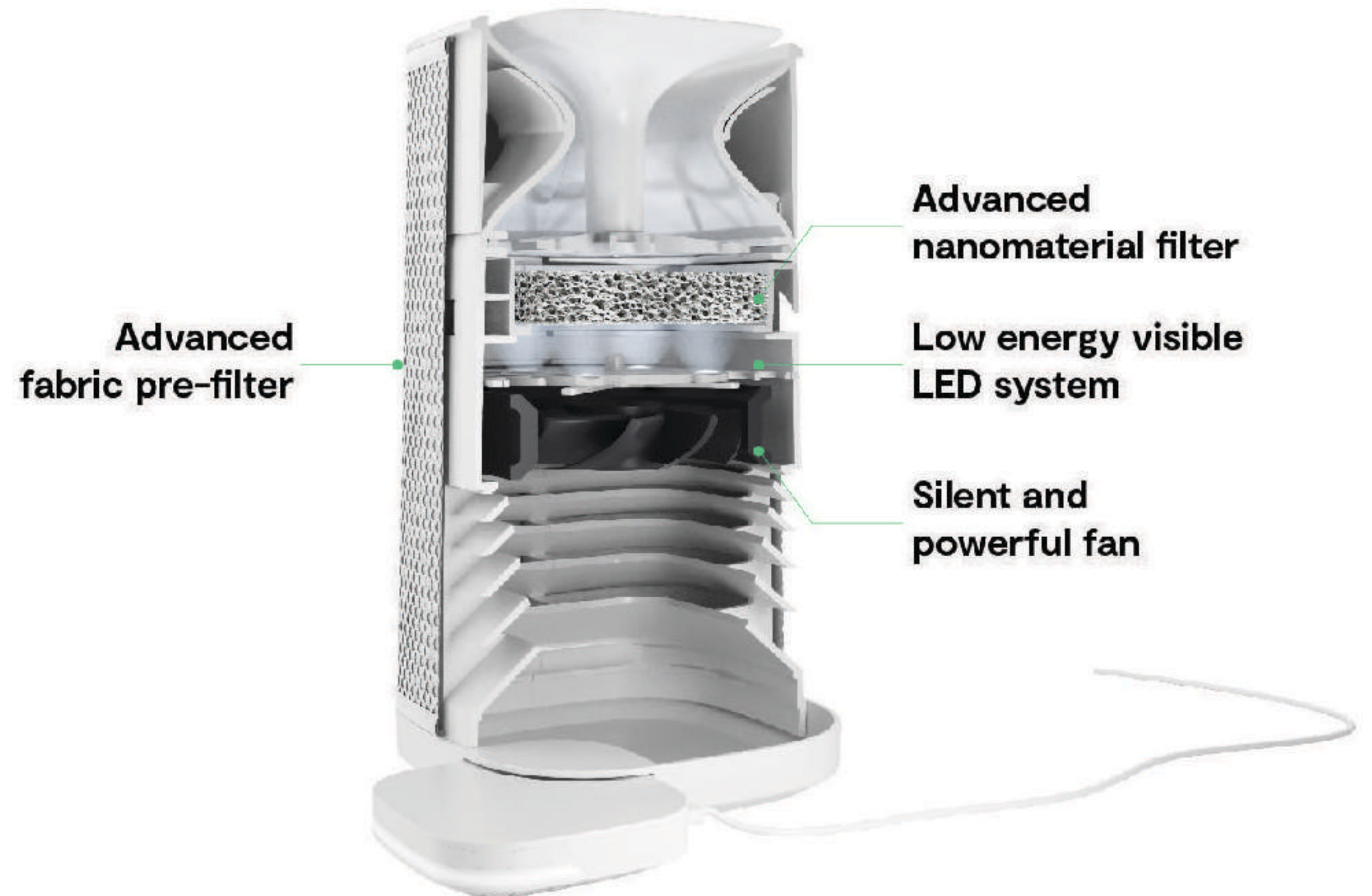
From LEDs to fan speed you can control every aspect. Select from **pre-set programs** (Automatic, Silence, Standard, Performance) or **customize the device functioning** to fit your lifestyle (Custom and Timer programs).



Two-step Purification

Eteria uses a **powerful cleaning technology**: thanks to 2 efficient filters it can easily destroy airborne pollutants.

- ▶ **STEP 1:** Advanced fabric **pre-filter**, blocking the largest particles;
- ▶ **STEP 2:** Advanced **Nanomaterial filter** using latest-generation photocatalytic technology with visible light.



Test

Conducted by independent laboratories

Chemicals

-97%
within 1,5 hours

Chemicals constitute a wide range of substances dangerous to health. The main emission sources are: paints, deodorants, household cleaning products, etc.

Microorganisms

-99%
after just 24 hours

Biological contaminants such as bacteria and molds, can come from heating systems, air conditioning, mold, and dust.

SARS-CoV-2 virus

-97%
within 20 minutes

The **SARS-CoV-2** virus is transmitted primarily by droplets and aerosols from an infected person when sneezing, coughing, talking, or breathing and is in close proximity to other people.

[READ THE FULL REPORT](#)

Step 1

The **external pre-filter** in **Technical Fabric** blocks large particles like particulate matter, pollen, dander, and dust.

The filter is removable and **machine washable in the laundry**, reducing both costs & waste compared to disposable filters.



Main features:



Warp-knit 3D
mesh



Easy to
remove



Machine
washable



Antimicrobial
treatment

Step 2

The already partially filtered air is conveyed into the core of Eteria, where it is purified by our innovative and latest generation **photocatalytic filter**.

The filter is **washable under tap water**, reducing both costs & waste compared to disposable filters.

A solid case protects the filter and makes washing operations easier.



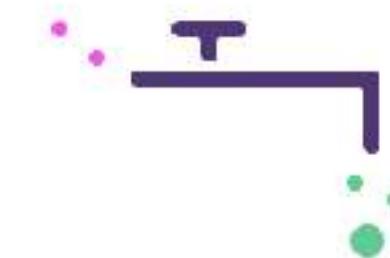
Main features:



Nanomaterial
based



Easy to
remove



Washable under
running water



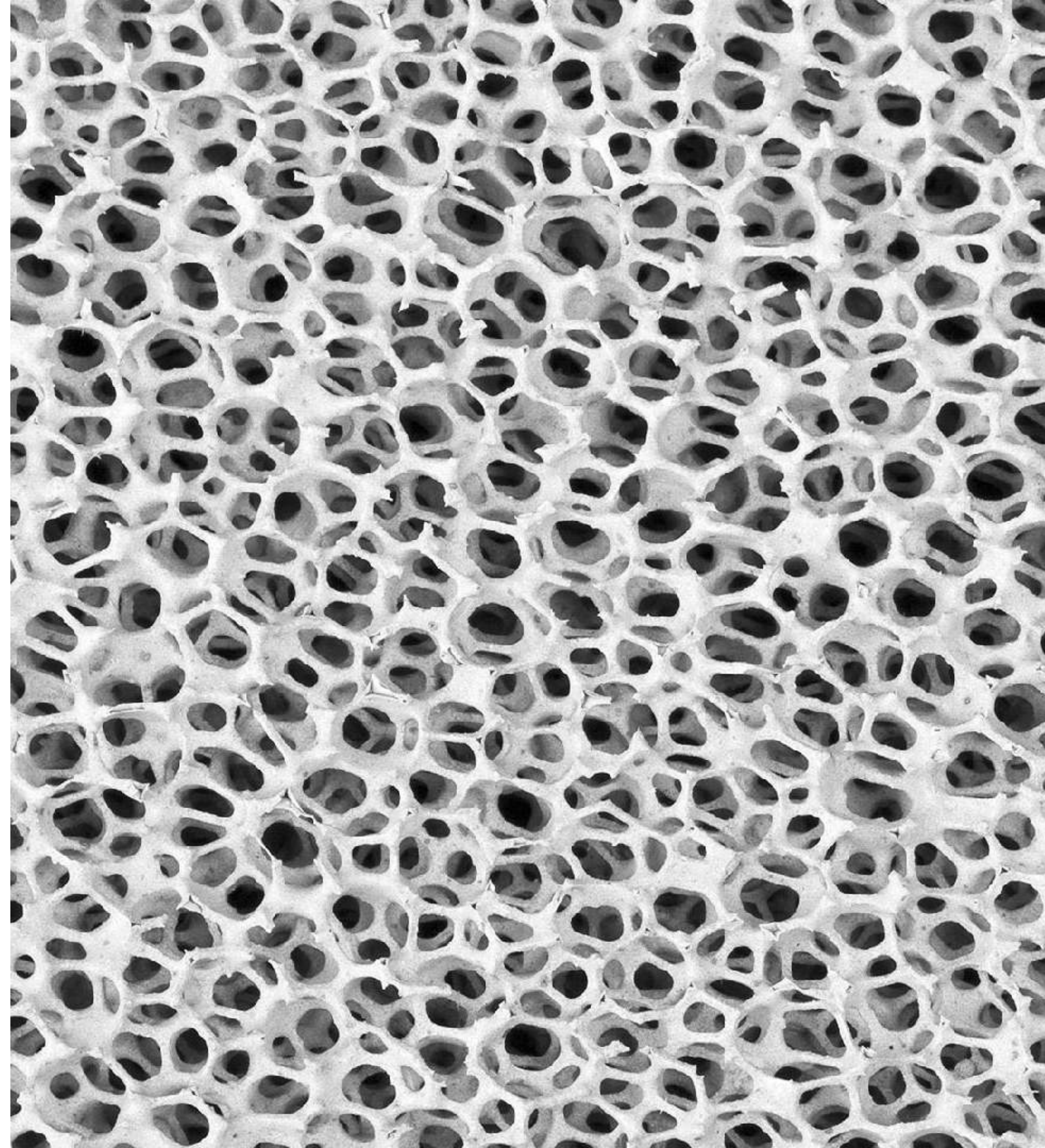
Long-lasting

Main Technology: WO₃ Photocatalyst

Eteria is extremely efficient thanks to its new tungsten trioxide (WO₃)-based photocatalyst that uses the latest generation of nanomaterials.

Our ceramic filter has a **special design that maximizes** the external surface and the **photocatalysis efficiency** accordingly.

We use the latest generation Tungsten Trioxide (WO₃) **nano-coating** that is **activated with visible light**, significantly incrementing the photocatalysis effectiveness and **avoiding the use of UV (ultraviolet) light**.



No filter replacement

Both Eteria's filters DON'T need to be replaced.

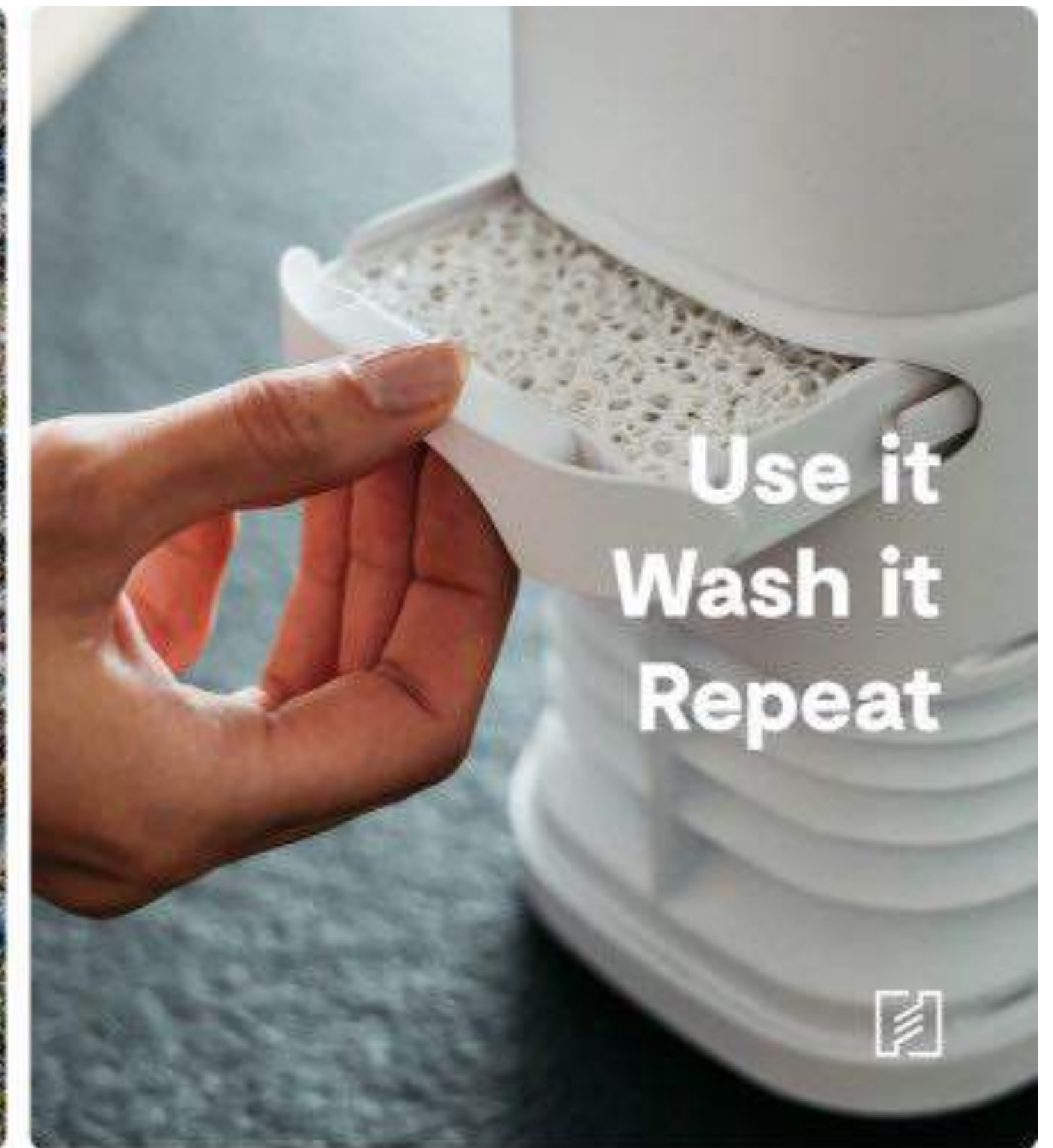
On one side, you just need to **wash the Nano Ceramic Filter under tap water**, let it dry, and then it's ready to be used again.

On the other side, the external **pre-filter** can be **easily washed** in the washing machine.

In this way, you will eliminate unnecessary waste and extra expenses.



Standard Filters



Eteria's Nanomaterial Filters

**So small,
so powerful**



Airflow

34

m³/h

**Creates a
Clean Air
Bubble**

Perfect for Desk Placement

The compact dimensions makes it possible to use Eteria on any desk - the **perfect solution for any PC Worker or Gamer.**

Desk positioning is made even more comfortable by the possibility of **powering Eteria through an USB port** with a USB-C cable.



Sustainability

Eteria is Made in Italy with **high quality recycled plastic** (ABS type). It's also been designed to be **easily recyclable**; all the parts are assembled by **interlocking joints**, without requiring glues.

With the collaboration of *Eden Reforestation Projects*, **we plant 10 trees** (mangroves) in Madagascar **for each product sold**. We've already reached the milestone of 100.000 trees planted and won't stop!





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