



ALANA™ air purifier

A breath of innovation in reception



Nurseries - Schools



Nursing homes - Residences



Healthcare institutions - Reception rooms



Leisure and sports facilities



Offices



Hotels - Restaurants



Elevators

CO-DEVELOPED WITH



A few figures about air pollution

We breathe **12,000** liters of air
per day

We spend up to **90%** of our time
indoors ¹

Indoor air is **5 to 10 times**
more polluted than outdoor air ²

92% of the world's population **lives in**
places where air quality levels exceed fixée
par WHO limits ³

25% of the population **suffers**
from allergies ⁴

90% of the Covid-19 contaminations
took place **indoors** ⁵

¹ WHO Europe 2013 report

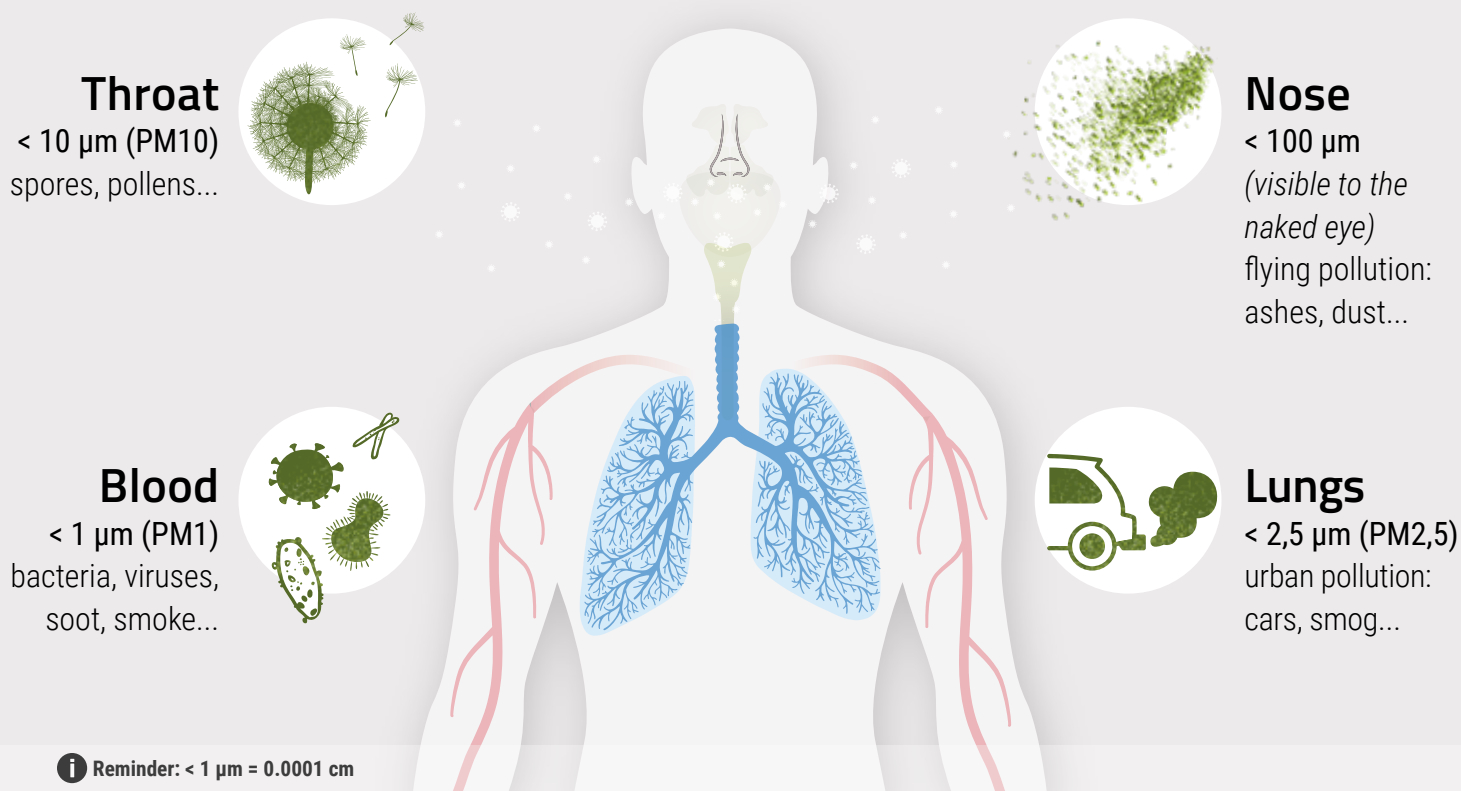
² According to the Observatory of Indoor Air Quality (OQAI)

³ WHO Ambient Air Quality Guidelines

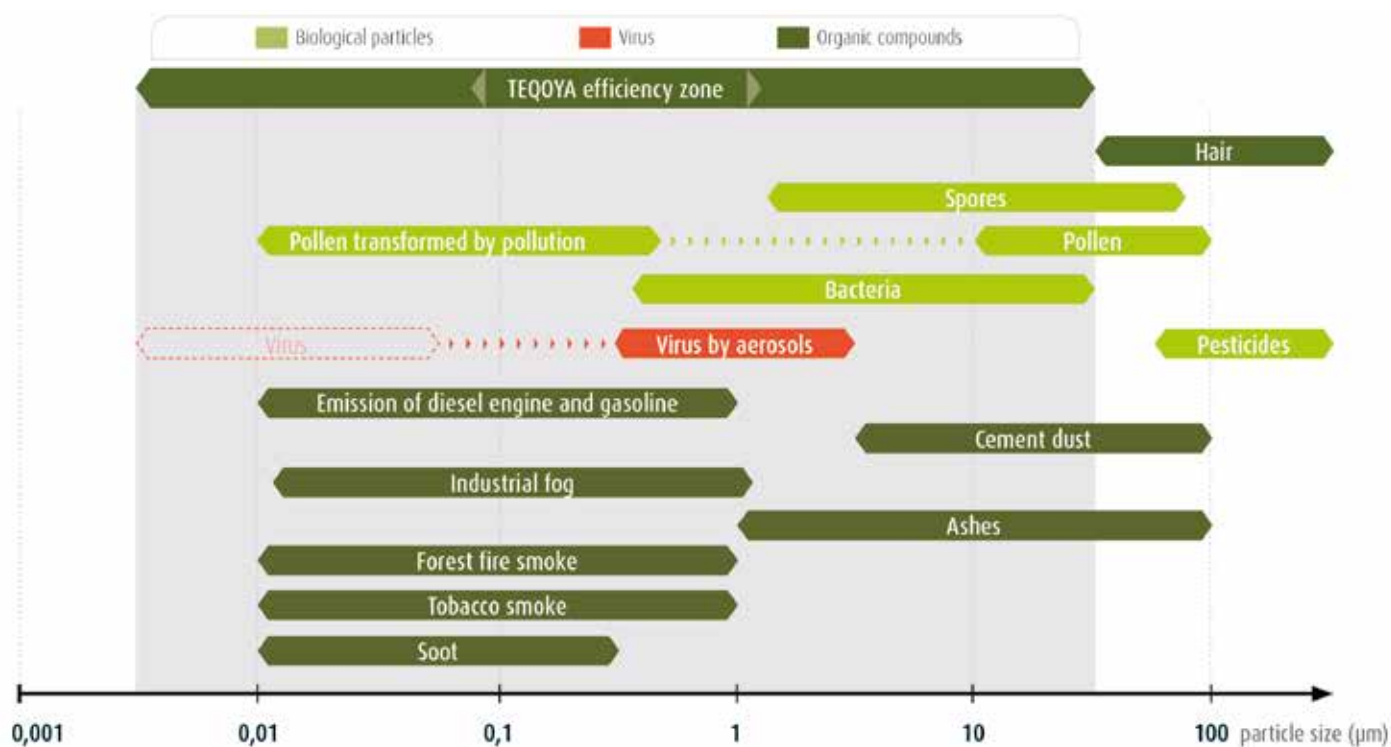
⁴ According to a study by Afsset, Asthma, allergies and respiratory diseases

⁵ T.Bulfone, M. malekinejad, G.Rutherford, N. Razani, Outdoor Transmission of SARS-CoV-2 and Other Respiratory Viruses: A Systematic Review, The Journal of Infectious Diseases, 2021

How far do fine allergenic particles, viruses and microorganisms get into the body?



ALANA™ neutralizes up to 99% of ultrafine particles, allergens, viruses and microorganisms





Air purifier

for establishments servicing the public (ERP)

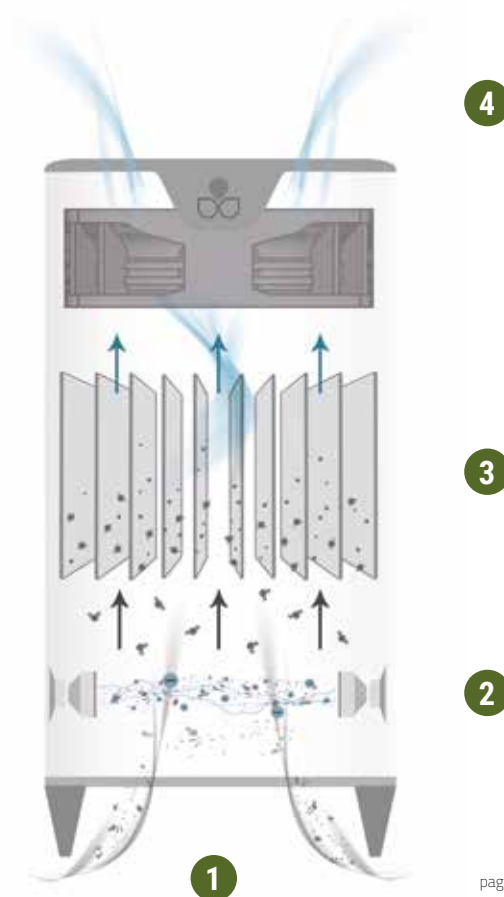
ALANA™ is the first application of TEQOYA's patented LEAF - Low Energy Active Filter - technology. It is a new air purifier specially designed to meet the needs of public places (offices, stores, spas, hotels, restaurants, schools, nursery homes...) concerned about the air quality offered to their customers.

Co-developed with the Aldes Group - our strategic partner and the French leader in air quality in the construction sector - ALANA™ is the first air purifier **to combine negative ion technology to capture polluting particles and electrofiltration**, which attracts them to polarized plates and thus traps them inside the device. Through innovation, TEQOYA has created a form of electrofiltration that is safe: without electrical discharge and adapted to general public use.



How does it work?

- ❶ The ALANA™ air purifier sucks in the air containing pollutant particles.
- ❷ The pollutant particles are electrically charged by the negative ions produced inside ALANA™.
- ❸ The particles are electrostatically attracted to the electrostatic polarized plates and are then trapped inside the device.
- ❹ The air, cleaned of pollutant particles, is diffused from ALANA™ by a high-performance fan..



Why choose

ALANA™

air purifier?



Highly-efficient

Its effectiveness has been tested and proven by French and international laboratories. The air purifier ALANA™ **eliminates up to 99.9%* of particles:** urban pollution, viruses, bacteria, allergens, molds, and even ultrafine particles.

** Based on laboratory tests. These results vary by device, pollutant, and test conditions.*



Energy-efficient

ALANA™ offers a unique technology capable of guaranteeing both an **energy-efficient consumption** (6,4 Watts at maximum flow, that is ± 10 € for a 24/7 operation) and the absence of consumables (its filter is easily washable and reusable). These characteristics make it the device with the lowest cost of use in the market of air purifiers for professional use.



Robust and reliable

Robust and designed to last (no programmed obsolescence) even when used 24/7, ALANA™ is **guaranteed for 5 years** in comparison to other air purifiers in the market guaranteed for 2 years maximum. Moreover, it doesn't produce toxic gases such as ozone or nitrogen oxides. Its unique technology makes it a reliable tool adapted to the hygiene standards of ERP.



Eco-friendly

Designed and manufactured in Europe, ALANA™ is made of assembled elements and **raw materials mostly local** to limit the carbon impact of transportation. With reusable filters and energy efficiency, this ensures ALANA™ as the most eco-friendly air purifier for professional use.

UN CO-DÉVELOPPEMENT AVEC



Verified Performance



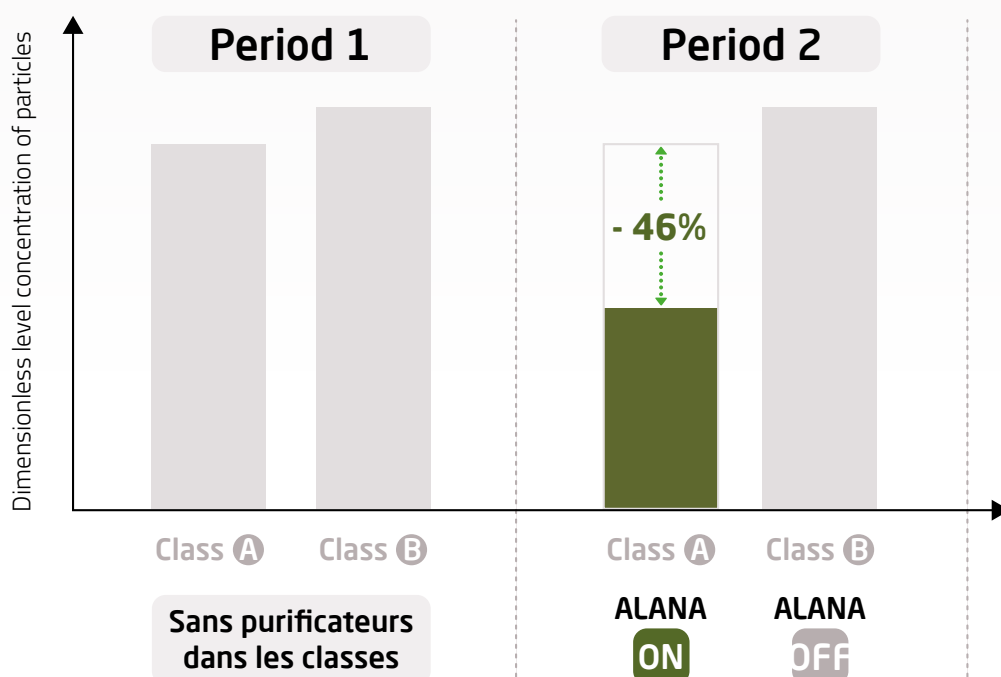
According to a Harvard study (2021), the use of several small air purifiers is more efficient than only one large device¹.

Designed for purifying the air of establishments servicing the public, ALANA™ proves to be suitable for the equipment of classrooms².

The efficiency of the ALANA™ air purifier has been proven through an experiment conducted in partnership with the RESPIRE association and the municipality of Saint Ouen (Ile-de-France). We tested in situ the **ALANA™ impact on the air quality in two classrooms of the Anatole France elementary school for 6 months** (3 months without air purifiers, and 3 months with ALANA™ air purifiers). We found a significant and consistent impact of ALANA™ air purifiers.



Despite open windows, almost 50% reduction in particulate matter in the classrooms².



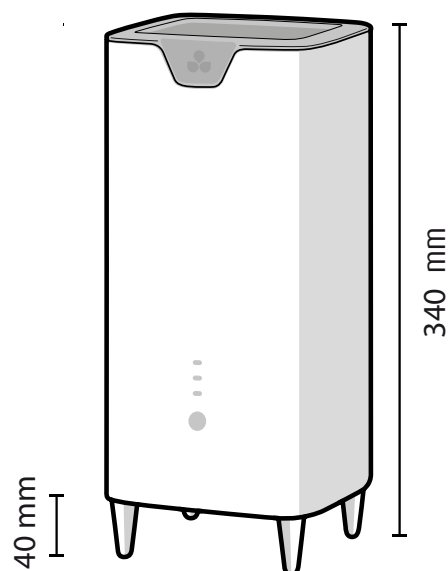
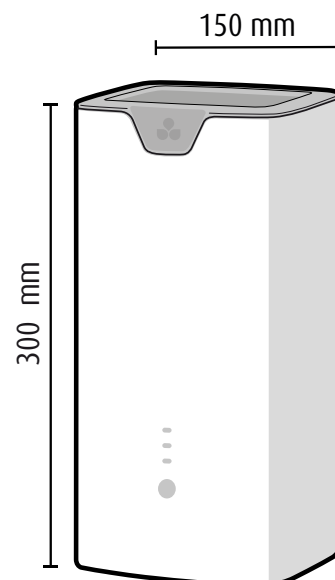
¹ As part of the Harvard T. H. Chan School of Public Health Program (2021): Portable Air Cleaners: Selection and Application Considerations for COVID-19 Risk Reduction - Healthy Buildings (<http://harvard.edu>).

² COVID guidelines have required teachers to ventilate classrooms more than usual.

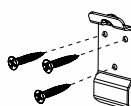
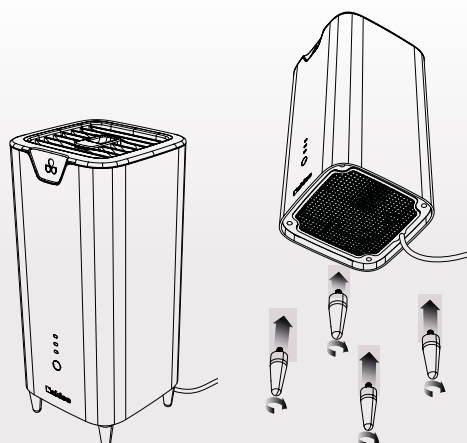
Technical characteristics

of ALANA™

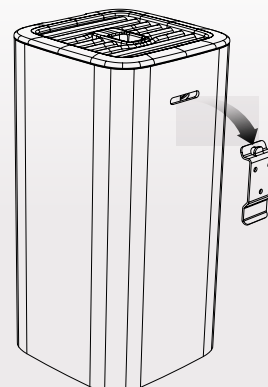
Model	Wall-mounted or free-standing version
Material	Aluminum and beech
Recommended area	20 m ²
Max. air flow rate	100 m ³ /h
Speeds	Automatic mode during the day, and switches to night mode in case of lack of luminosity. Manual mode (5 speeds): night, 25, 50, 75, and 100 m ³ /h (boost)
Sound pressure level (dB(A)) at 2 m: < 30	< 30
Power consumption (W): 2.2 to 6.4 V	2.2 to 6.4 V
Dimensions L x H x P (cm)	15 x 30 x 15 cm (34 cm with feet)
Weight (kg)	< 3
Power supply	110-120/220-240 V AC 50/60 Hz
Secure wall mounting	Yes
ON/OFF indicator and speed indicator	Yes
Cleaning indicator	Yes
Packaging content	Brush for filter cleaning
Certificates	CE, NF B44-200, NF EN 16846-1



Free-standing version



Wall-mounted version



Who are we?

Founded in 2015 by three engineers, TEQOYA designs innovative technologies and air purifiers, created and manufactured locally, that are highly efficient and eco-friendly. Keen to minimize the environmental impact of its activities, TEQOYA uses recycled or recyclable materials as much as possible and works with local subcontractors, close to its production plant in the Bordeaux region.

We are an intimate-sized company that takes up current ecological challenges with conviction and optimism. Our employees have varied backgrounds, multicultural experiences, and the desire to enhance our daily lives. TEQOYA air purifiers are now distributed and recognized in approximately twenty countries around the world.

Local manufacture



References



Ecosystem



Laboratories



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