



# Air purification

| PURIFY INDOOR AIR,  
| LIMIT CONTAMINATION RISKS



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# WHO ARE WE?

Excellent air quality is essential to guarantee optimal hygiene and health. We want to help build a healthier world where respect for man and the environment are at the heart of concerns & of our society. The air treatment solutions we develop with the ANEMO range are harmless & respectful of their users and do not require chemicals to be effective. Our devices are preventive solutions able to prevent spreading of microorganisms.

UVRER is a brand specialized in ecological treatment water, ultraviolet surface and air by technology tri-active. From their conception to their realization, we develop qualitative, innovative products issued from industrial research and French university, perfectly adaptable to your specific needs.



## Our know how

Since 2006, UVRER has been developing air treatment solutions using tri-active technology: filtration, ultraviolet and photocatalysis.

- ▶ **FILTRATION** : after passing through the pre-filter, the air then passes through a filtration system with activated carbon. Activated carbon is known for its ability to absorb volatile organic compounds or VOCs. The volatile organic compounds or VOCs are molecules dissolved in the air and are very harmful pollutants in indoor environment. Such pollutants are odors, chemicals and all kinds of harmful gases.
- ▶ **ULTRAVIOLET**: UV-C has the ability to destroy germs (bacteria, viruses, fungi, molds...) contained in the fluids. The UV-C radiation has passed through the cytoplasmic membrane of the cell and into the nucleus. When the cells are divided, the DNA is incapable of replicating or replicating. Thus the molecular structure of DNA is broken and thus renders the microbe harmless.
- ▶ **PHOTOCATALYSIS** : it destroys all polluting particles from the air. Through the generation of oxidizing radicals, this process causes the breakage of the chemical bonds of the contaminants (VOC). These are then degraded into harmless CO<sub>2</sub> and H<sub>2</sub>O for humans. Photocatalysis act also well on chemical molecules blocked by the activated carbon filter as on those passing through it. Like ultraviolet technology, photocatalysis also has a germicidal effect.

The combination of the three technologies ensures optimal decontamination of microorganisms, without the use of gases or chemicals.

## Our values:

**EXPERTISE** : Créée en 1982, UVRER est la première société de son marché à avoir utilisé l'Ultraviolet pour traiter l'eau. Au fil des années, notre activité s'est élargie, nous nous sommes alors diversifiés dans le traitement de l'air puis des surfaces.

**RESPECT** : Inoffensif pour la santé humaine, animale ou encore pour l'environnement, le traitement de l'air par filtration, ultraviolet et photocatalyse (technologie tri-active) est respectueux de ses utilisateurs. Il s'agit d'un processus entraînant la destruction des micro-organismes, sans avoir recours aux gaz ou aux produits chimiques.

**INNOVATION** : Notre volonté : être sans cesse à la pointe de l'innovation pour vous garantir une parfaite qualité de l'air afin de travailler et vivre dans un monde plus sain. Notre équipe de recherche et développement est attentive aux évolutions du marché et conçoit des produits adaptés non seulement aux nouvelles demandes mais également à la singularité de celles que vous formulerez.

**ADAPTATION** : UVRER est une entreprise à taille humaine, nos ingénieurs conçoivent des produits sur mesures, parfaitement adaptés aux besoins de nos clients. Notre flexibilité, réactivité et notre capacité à personnaliser nos offres garantissent la fiabilité, l'efficacité et la qualité de notre gamme ANEMO.

**PROXIMITÉ** : Notre équipe commerciale est en contact direct avec vous pour garantir le bon déroulement des projets et apporter des conseils pertinents. En effet, nous ne disposons pas de plateforme téléphonique délocalisée et toutes vos demandes sont gérées à Lyon, au siège de l'entreprise. Qu'il s'agisse donc d'un simple renseignement technique, de la prise de commande ou du service après-vente, vous serez toujours mis rapidement en relation avec la bonne personne.

## We provide:

- › We take charge of your project from design to realization
- › Research & Development & Engineering: development of innovative and efficient solutions, technological development monitoring
- › Design office: definition of the concept, studies, design and aspect
- › Welding: stainless steel, realization of specific mechano-welding
- › Electricity and Automation: cabinet wiring, specific integration and automation
- › Quartz: quartz shaping for specific applications
- › Control and Quality: systematic electrical and hydraulic tests performed throughout all devices
- › Our Ultraviolet and Photocatalytic systems come from French industrial and academic research



# Applications

## Industries

We want to guarantee optimal air quality in order to protect the health of your employees working in an enclosed environment. In addition, the treatment of gaseous emissions makes possible to reduce or even to suppress emissions of Volatile Organic Compounds in the atmosphere. As the rejection thresholds become lower and lower, the photocatalysis then appears as an innovative solution and efficient adapted to new industrial issues.



## Agriculture

The main problem during post-harvest fruit storage and vegetables is the presence of harmful elements in the cold storage rooms and packing areas. Besides the development of microorganisms, ethylene emission also accelerates degradation some products. ANEMO solutions have proven to be extremely efficient against ethylene and microorganism development, strongly reducing them.



## Viticulture

Cork or moldy taste ... The consequences of these two wine alterations represent substantial economic losses and customer dissatisfaction linked to the quality of the product. The combination of adsorption on activated carbon and degradation by photocatalysis makes it possible to effectively treat many chemical compounds and geosmin responsible of the bad tastes for wine.

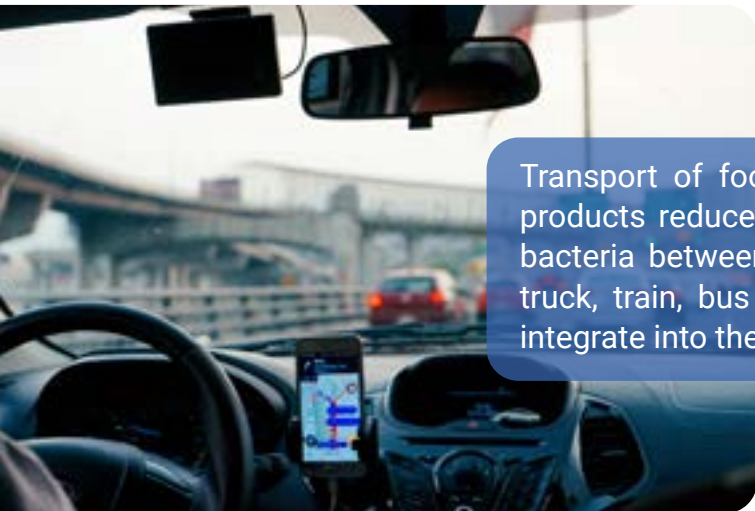


# Applications



## Healthcare environment

In hospitals or in offices, medical professionals are constantly exposed to patients carrying bacteria. It is therefore essential to limit the health impact of waiting rooms, consultation places and to ensure the well-being of patients and practitioners. Our ANEMO ranges respond to this problem without releasing ozone into the atmosphere.



## Transports

Transport of food, plants or public and private transport : our products reduce contamination, airborne between products, and bacteria between travelers. Ambulance, standard or refrigerated truck, train, bus or taxi... Our solutions adapt to all needs and integrate into the spaces more reduced.



## Public spaces

Contrary to popular belief, air in confined spaces is 10 times more polluted than outdoor air because it is confined. This significantly increases the concentration of pollutants in the air. ANEMO air purifiers treat indoor air against bacteria, mold and other annoying particles in all types of structure, without rejecting ozone.

# BORA VICHY

From 7 to 14 m<sup>3</sup>/h

Ambulances, taxis, elevators, private desks and others small sized areas... Bora Vichy fits everywhere.

TRI-ACTIVE technology does not reject chemicals or ozone which allows to process a part all day, without the risk of damaging the health of users.

In addition, installation and maintenance are simplified, filters have to be changed once or twice a year and a hour counter (in option) indicates the lifetime of the UV-C lamp. Possibility to connect the device to a cigar lighter.





# SILUXE

From 50 to 100 m<sup>3</sup>/h

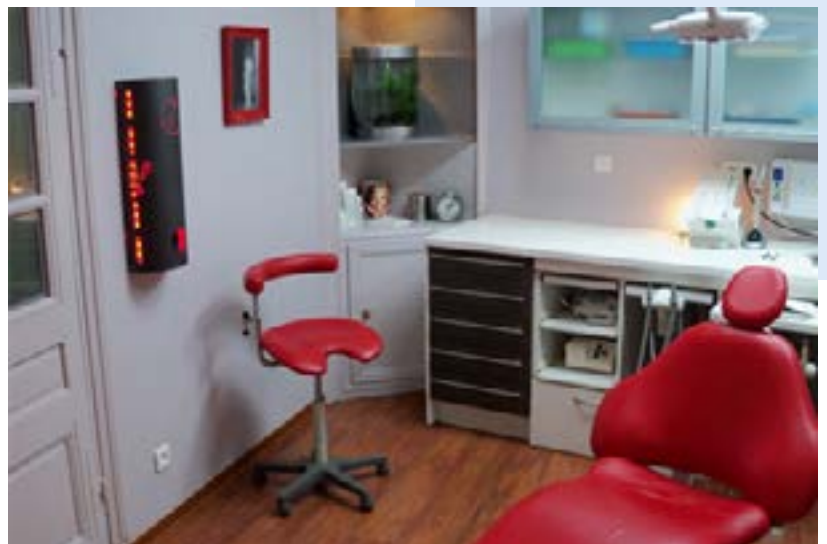
The SILUXE is an air purifier capable of treating up to 100m<sup>3</sup> of air per hour. Silent and stylish, it fits perfectly into your environment.

Simple installation and maintenance, filters only need to be changed once or twice a year. The Siluxe is a mobile device equipped with wheels, hour counter and led lights for a modern design. It is also possible to change the color of your product and customize it with logos or graphic elements.

Example of projects : our products are used especially in dental offices as well as in hospitals in oncology service to reduce CFU concentration in the air.



9k hours lamp



# HEGOA 50 & 100

From 50 to 100 m<sup>3</sup>/h

In order to avoid bacteria transmission and micro pathogenic organisms in waiting rooms, public spaces, cold storage rooms, privates houses or to avoid taste alteration wine, it is essential to set up an efficient air treatment system.

Without using ozone or any other chemical, HEGOA eliminates bacteria, polluting particles and chemicals. A room can be treated throughout the day. Our TRI-ACTIVE technology is respectful of man and the environment. On the first pass, our devices destroy 80% of pollutants (bacteria, mold, VOC...) The rest is retained in the activated carbon filter which will then be treated by photocatalysis.

In addition, installation and maintenance are easy, filters should only be changed once or twice a year. HEGOA is an easy to use plug and play device.

Example of projets : UVRER ANEMO has equipped a dozen of mobile laboratories to treat remoted regions of North Africa. Each vehicle was therefore fitted with a HEGOA 50 to ensure healthy air for scientists, necessary for the performance of their work.



9k hours lamp



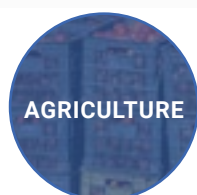


# HEGOA 500 & 800

From 500 to 800 m<sup>3</sup>/h

Adapted to large surfaces, the HEGOA 500/800 allows to treat industrial gaseous effluents before discharge into the atmosphere, to reduce/eliminate the emissions of Volatile Organic Compounds such as ethylene (which accelerates the degradation of products) as well as the concentration of bacteria to limit the risk of contamination between employees.

Our systems allow treatment up to 800m<sup>3</sup>/hour and adapt to your needs whether you are an industrial producer, a community or a farmer. Installation and maintenance are easy. Filters have to be changed depending on your treated environment, and an hour meter indicates the life of UV-C lamps.



Example of projects : In Casablanca, Morocco, we carried out series of tests in two orange storage rooms. Same surface, same number of products: one room was equipped with a HEGOA, not the other. The results have been tremendous and thanks to our device, the fruit producer obtained a conservation time of more than 30 days compared to 10 days without air treatment equipment.





 UVRER

*the natural purity*

**Water, air and surfaces**  
disinfection specialist

**CONTACT US**

Need advice ?

Our experts are at your service

**[Our contact form](#)**