



UVITRONICS

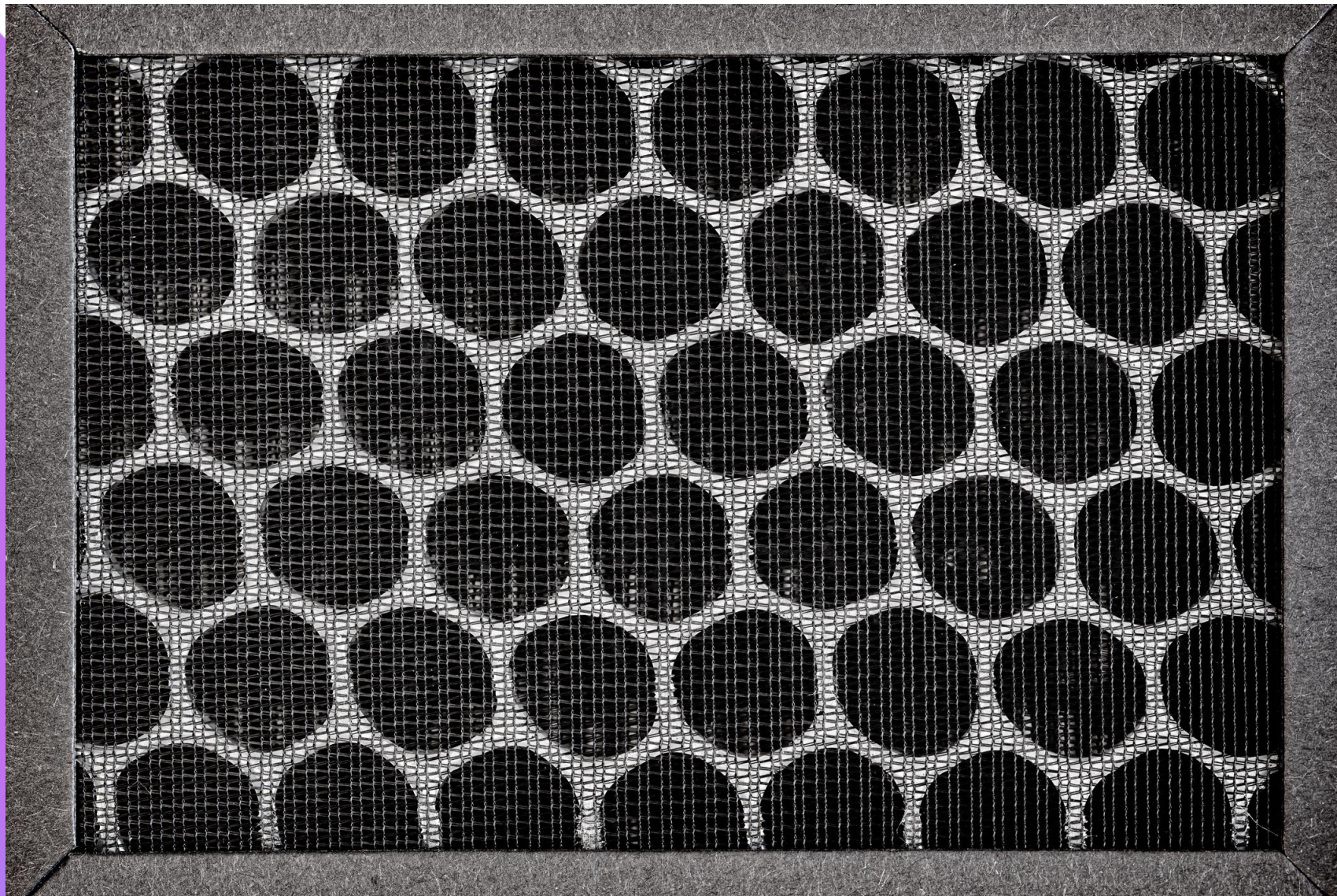
REVOLUTIONIZING CLEAN AIR TECHNOLOGY

A SPINOFF COMPANY OF UNIVERSITY OF WEST ATTICA





About us



UVITRONICS is a health tech start-up/spin-off, backed by scientific research and the participation of University of West Attica.

Our company has patented a proprietary and revolutionary air sterilization system, to help curb the transmission of severe airborne infections (i.e. COVID-19) in hospitals, public transport and crowded spaces in general, using cutting edge technology.

Our Team



Our team consists of well-known scientists, successful entrepreneurs & the University of West Attica



Prof. George Nikolaidis, PhD

*Management –
Research & Development*



Eng. Konstantinos Panagiotopoulos

Management/ASTIR LTD



Dr. Ioannis Rabias, PhD

*Research &
Development*



Pascal Tsekouras

Marketing/Sales



Maria Papadokonstantaki

Sales



Prof. John Kaldelis, PhD

*Vice Rector/
President ELKE*

Supported by the Technology Transfer Office of University of West Attica



Prof. Clio Sgouropoulou, PhD
Vice Rector-Head of TTO



Iliana Kosti
Legal/IP



Despina Boulogiorgou
Finance

What is the problem?



Picture this:

You're sitting in a crowded diagnostic center reception, surrounded by people coughing and sneezing. You start to feel a tickle in your throat, and you know it's only a matter of time before you too succumb to whatever latest airborne illness is making its way through the crowd.

But what if we told you that this scenario could be avoided, if the diagnostic center was using our science-backed air sterilization system, effectively eliminating all sorts of airborne illnesses (including COVID-19 & the flu)?





Our Product Offering

01

Antivirus & antimicrobial protection

Effective & proven real time decrease of up to 90% in airborne pathogens in the first half hour depending on the space covered. 4-6 times air recycling per hour capability, CADR 500 m³/h or custom made up to 1500 m³/h

02

Revisited HEPA filters

Our patented wide-angle filter is able to better capture harmful pathogens and prevent them from spreading throughout the environment, while the wide angle structure helps the full surface irradiation of filter by UVC.

03

The power of UVC light

With the proven ability of UVC to destroy harmful microorganisms by destroying their DNA, we're sterilizing the air and practically reducing the number of infectious particles in the environment. UVC is greatly intensified and focused by means of multi diffraction -interference effects with the use of a quartz optical grating.

04

Fully Certified Performance

The performance and efficiency has been certified by real time tests by the Hellenic Pasteur Institute. In addition the product carries the following certifications :
CE, EMF, FCC, RoH and UV safety

05

Hassle-free maintenance

No one wants to dismantle a whole device to change one part! Our easy in-and-out system allows for a 15' maintenance session, valuing your time

The pathogen real time reduction data



Reduction of microbiological load in a University small student laboratory of 85 m³ in 60 minutes



Reduction of microbiological load in a wagon of Athens METRO, volume 100 m³, in 30 minutes



ICU "Covid 19" of the General Hospital "LAIKO", in a volume of 100 m³, in presence of 3 patients, during 60 minutes.

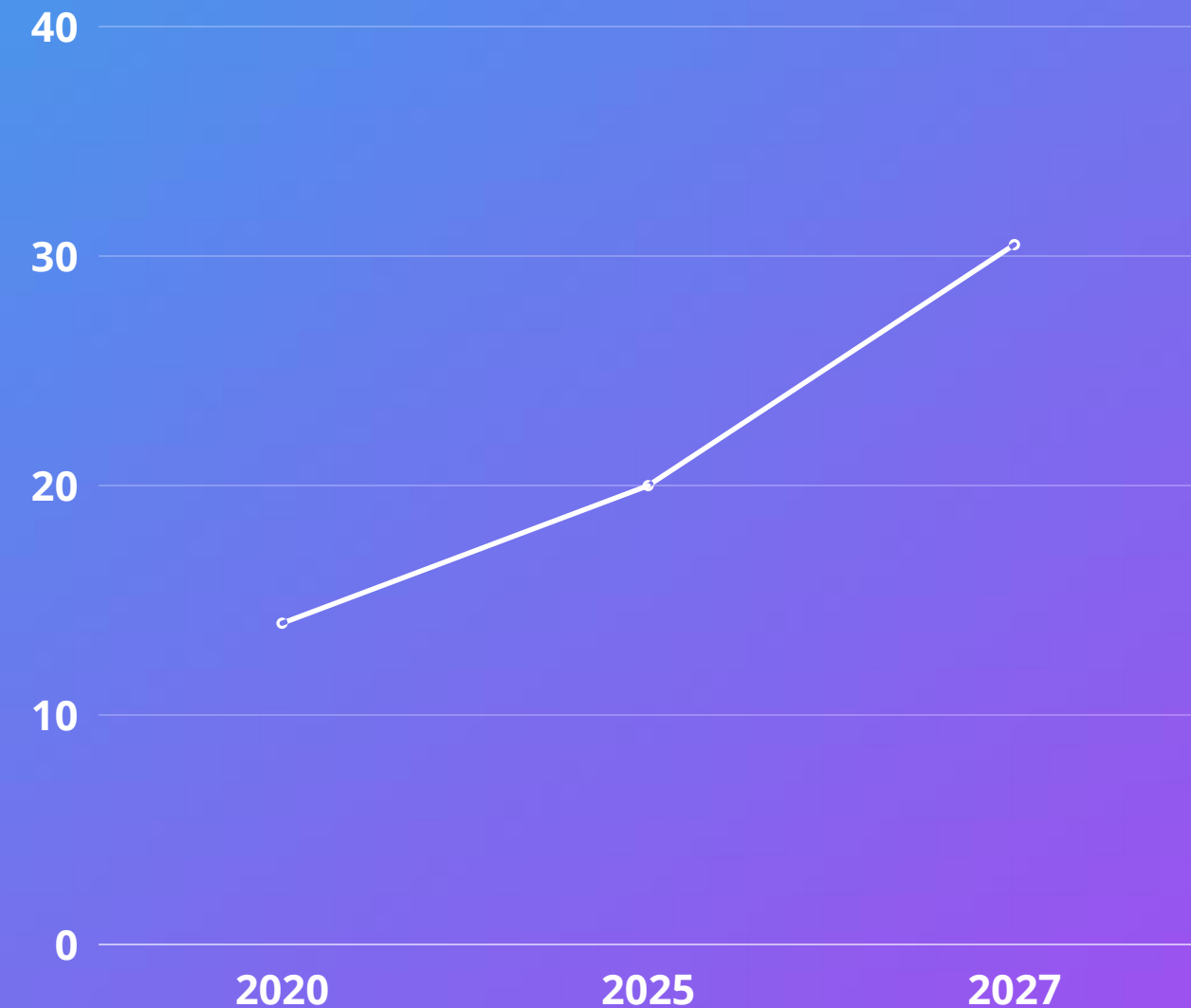




Market analysis

The global air purifier/sterilizer market size was estimated at USD 13.97 billion in 2022 and is anticipated to expand at a compound annual growth rate (CAGR) of 10,2 % from 2023 to 2030.

USD (Bn)

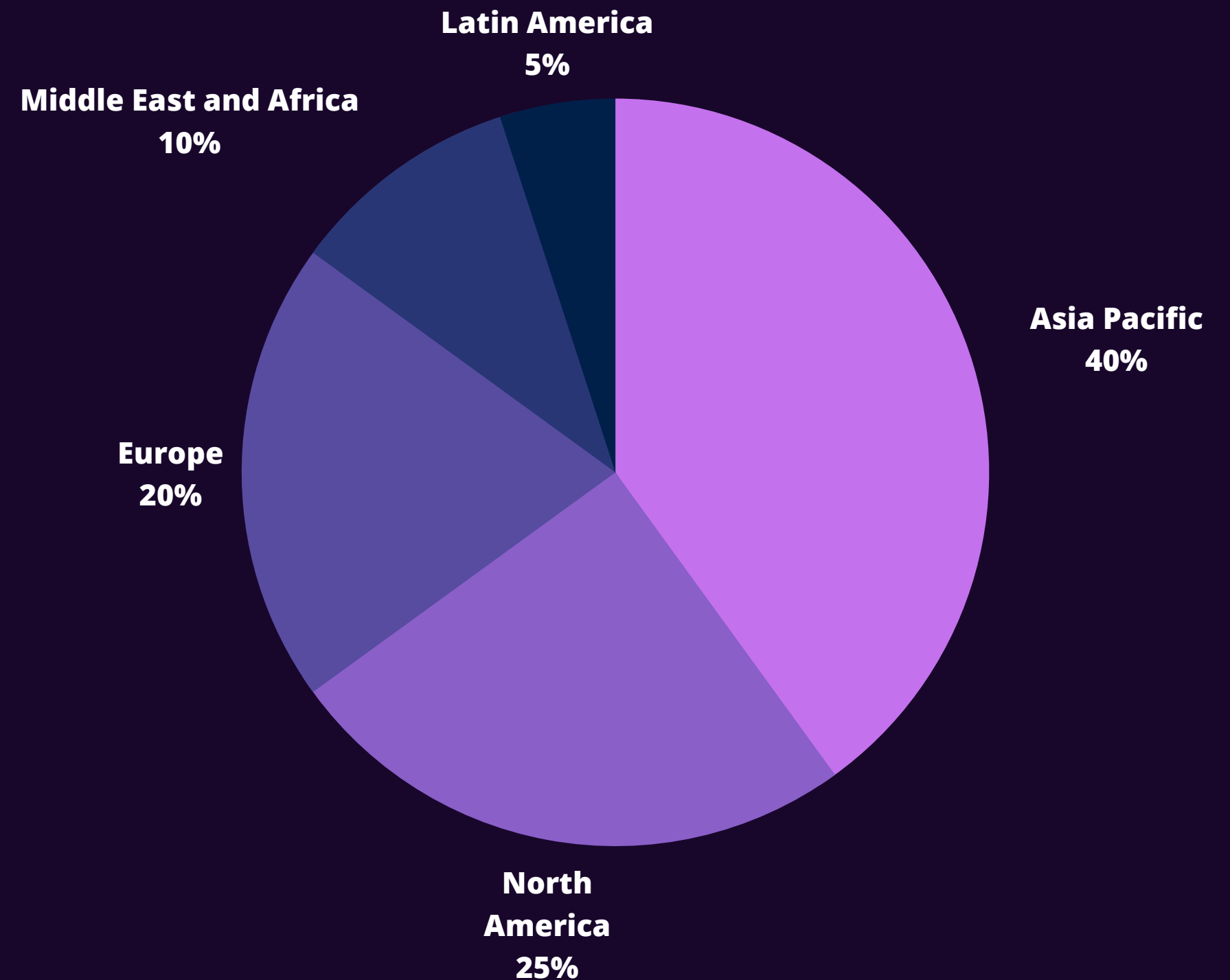




Market trends

The demand for air sterilizers is increasing globally, but some regions are more interested than others due to a variety of factors, including population density, air pollution levels, and public health concerns.

We're looking to target Asia as it's the first economic area in terms of interest on air quality & health relation, followed by Europe & North America. We have strong indications that after COVID pandemic, there is a heightened need for pure, healthy air across the globe.





Greek Market

The market in Greece evaluated in the most conservative way is of the order of 220 M€

Position of company in 3 years

It is estimated that in 3 years from now the company will be able to undertake at least the 3% of the above mentioned local market.

**Greek Market
220€ M**

**In 3 years
Undertake 3%
of the market**



Our Customers

As mentioned before, there are numerous applications where our product would apply, but below segments are the basis of our business:



01

In the healthcare sector

Hospitals, clinics, and other healthcare facilities are among the largest end-users of air sterilizers, due to the importance of maintaining clean air in medical settings

02

In public transportation

Buses, trains and planes are often crowded and poorly ventilated, especially during peak times, decreasing passenger confidence

03

In the educational sector

Airborne illnesses such as the flu, COVID-19, and other respiratory infections can spread quickly in schools and universities, impacting the health of students, teachers, and staff.

04

In the commercial sector

Office buildings, shops and overall public places with high concentration can benefit from protecting workers from harmful airborne contaminants

05

In the hospitality sector

Hotels, restaurants, and other hospitality establishments are using air sterilizers to provide a safe and healthy environment for guests and employees.

CONTACT

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**THANK
YOU**