



AIRBox **E**

english version **1.0**

wivactive
TECHNOLOGY

witek

Indoor pollution

At home and in the office we are surrounded by elements that are invisible, let them enter our body simply breathing, without realizing it. Outdoor and indoor air pollution is considered by the World Health Organization as the main environmental risk factor of population's health.

90%

Time of day that we spend indoors

500%

Indoor pollution is 5 times higher than the external one

90%

The amount of PM10 compared to all the particles in the air

8

Air amount that we breath in a minute

350

Millions of particles ingested every minute

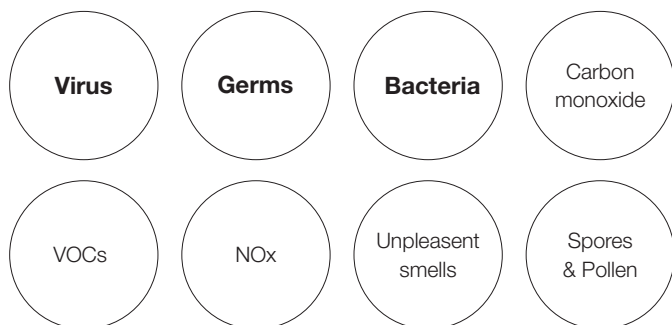
25

Millions of particles ingested with each breath

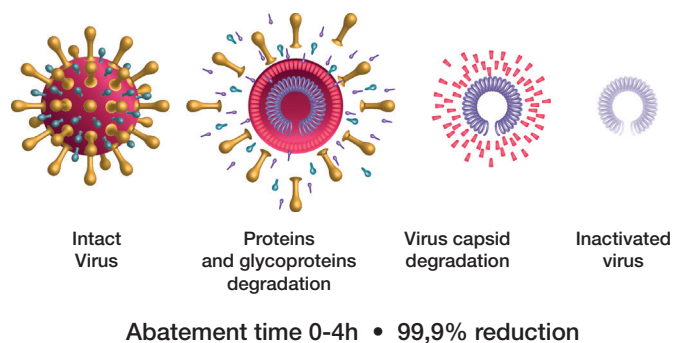
Photocatalysis with visible light

Photocatalysis is a sanitizing process activated by the combination of visible LED light and doped titanium dioxide. **Wivactive** system uses this new technology (Witek patent) to sanitize the air from viruses, bacteria and harmful substances.

SUBSTANCES ELIMINATED BY WIVACTIVE SYSTEM

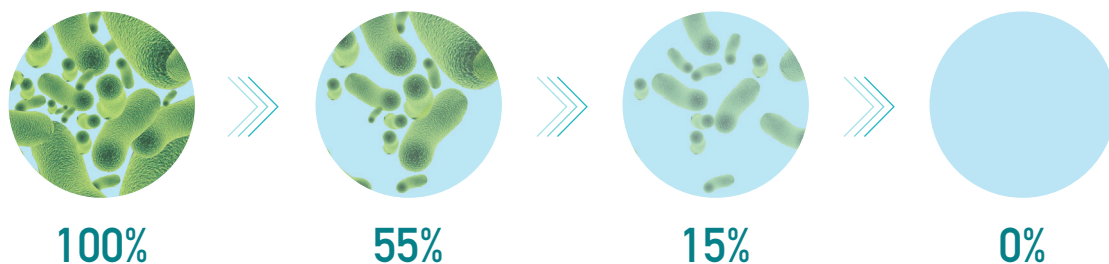


EXAMPLE OF CORONAVIRUS ABATEMENT



Sanitizing process in a continuous way

Wivactive system, filtering the air 24 hours a day, ensures antimicrobial and antiviral action, for a healthy environment.



Ceramic filter

The ceramic filter, coated with doped titanium dioxide and illuminated by a LED source with a spectrum calibrated on the visible, activates the sanitizing process of photocatalysis. Morphology of his cells widens its intervention surface, making it extremely efficient.

DOPED TITANIUM DIOXIDE COATING

HIGH POROSITY CERAMIC FILTER

Simple and economical maintenance



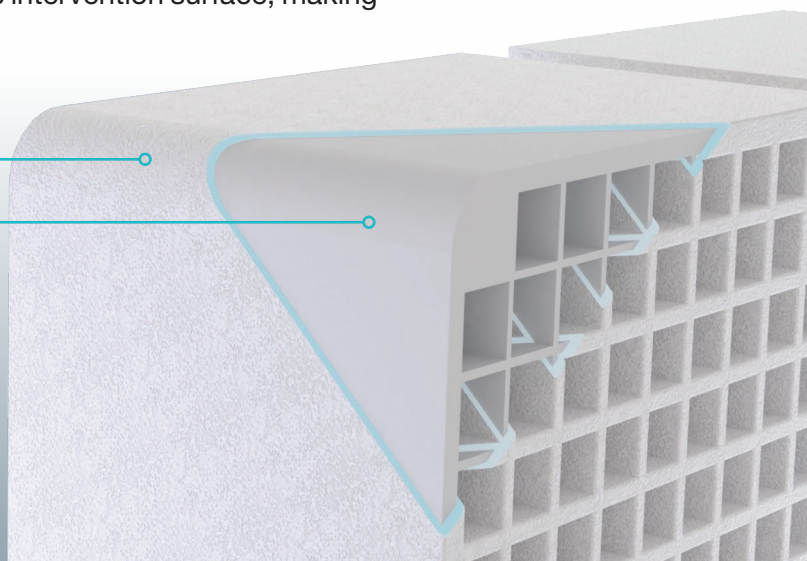
Sanitizing effect guaranteed over time



Easy cleaning with water



No replacement needed
100% regeneration



HEART OF THE SYSTEM —

GearBox_{Filter}

The GearBox is the element in which the photocatalytic sanitizing process is activated. Consists of a G4 inlet filter, 3 ceramic filters with doped titanium dioxide, a calibrated visible light LED source and an extremely quiet fan that guarantees an efficient air circulation.

1° Filtering stage

G4 filter. The quality of this filter allows stopping of larger particles, it comes down to 100% PM10 and up to 40% PM2.5.

2°/3°/4° Filtering stage

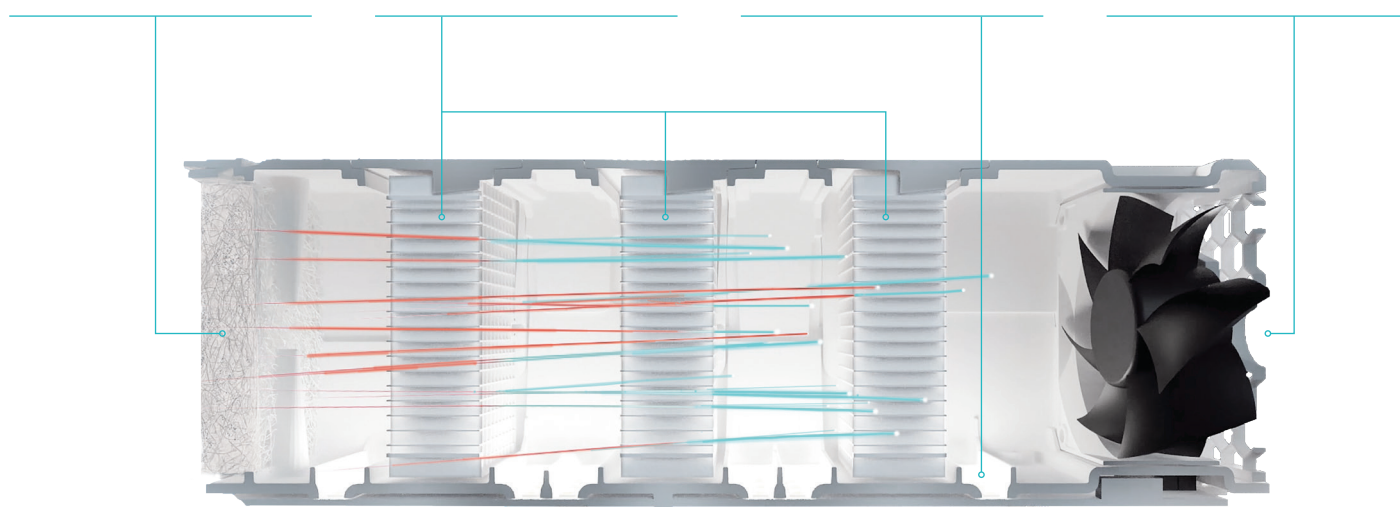
The three ceramic filters coated with doped titanium dioxide activated by an exclusive optic scheme allows a massive reduction of harmful substances.

LED Source

The LED source installed on board is calibrated in the visible light spectrum which allows the photocatalytic activation of the filter, ensuring to the parts the correct lighting and energy supply.

Suction

Forced suction ventilation through the use of a magnetic levitation fan that ensures the right air circulation in the environment with very low noise.



CERTIFICATIONS —

Wivactive technology has obtained certifications issued by the most important Italian and European laboratories for the abatement of **Virus** (SARS-CoV, SARS-CoV-2), **Bacteria** like Escherichia Coli, **NOx** (nitrogen oxides) e **COV** (Volatile organic compounds) as Formaldehyde.

AIRBox **E** **L**

Device with **wivactive** technology for air sanitization using a photocatalytic system with calibrated light on the visible, for lifts and goods lifts, installed in ceiling. Available with GearBox filters in 1 or 2 element configuration.



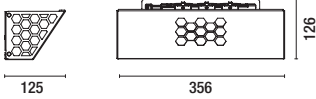
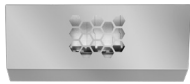
Ceiling



AIRBox **E** **L1**

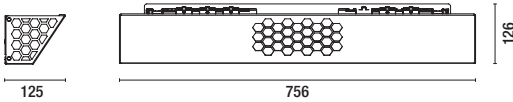
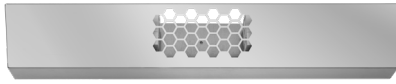


AIRBox **E** **L2**



AIRBox E L1

N° GearBox	Watt	Air flux	Acoustic noise	Code
1	13W	22 m3/h	10dBA	81300003



AIRBox E L2

N° GearBox	Watt	Air flux	Acoustic noise	Code
2	26W	44 m3/h	13dBA	81300000

CUSTOM COLOR
(on request)

220V-240V AC
50/60Hz



IP 20



5
YEAR WARRANTY

Type: Ceiling-mount air sanitizer - Body: Inox AISI 304 steel structure - Electrical system: High-efficiency included driver
Nominal current: EL1 0.07 A / EL2 0.014 A - Power factor: >0.95

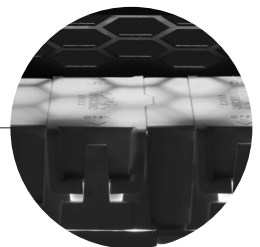
ACCESSORIES

REPLACEMENT FILTERS

G4 Filter	41900299
ACTIVE Filter (1pz.)	41900300

GearBox Filter

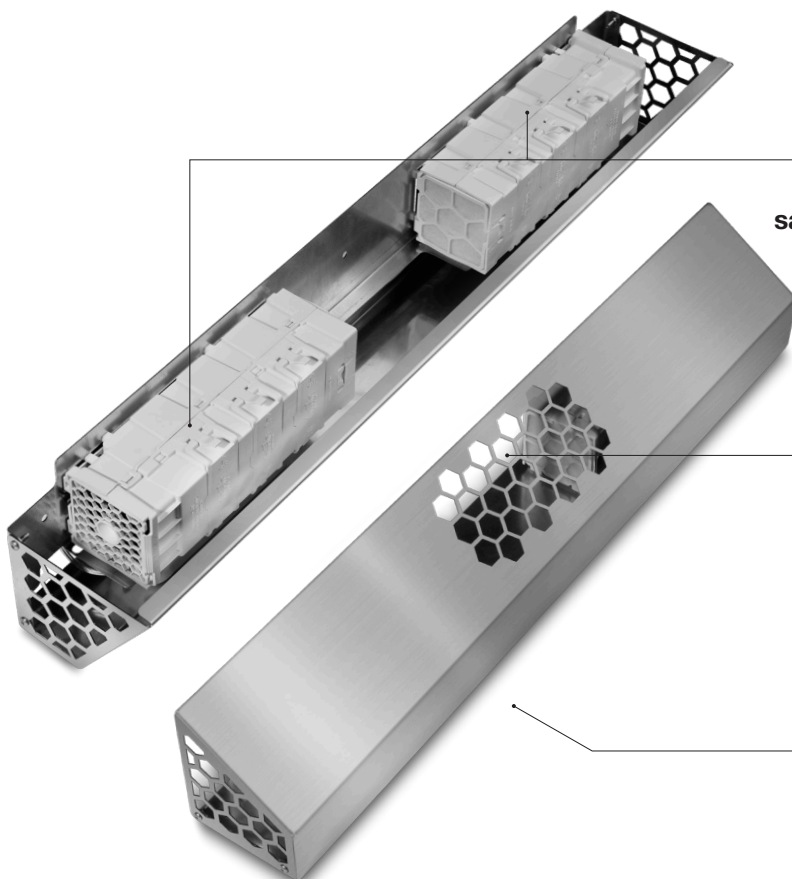
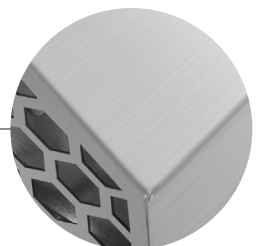
Housed inside the device,
sanitize the air flowing through it



Air flow grill



Inox steel chassis (AISI 304)





AIRBox **E**

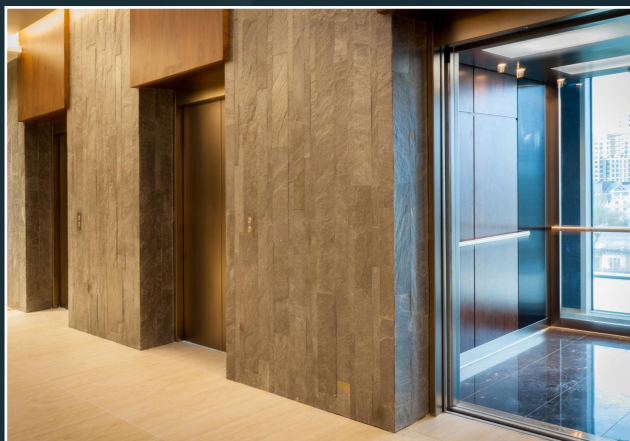
Installation suggestions

Elevators

Goods lift

Workshops

Laboratories



STRENGTHS



100% ANTIBACTERIAL

Thanks to the patented treatment based on doped titanium dioxide, **wivactive** products are 100% antibacterial and safe for public use.



TESTED ON SARS COV

Tests carried out by accredited laboratories have resulted in the certifications on which the effectiveness of **wivactive** products is based.



EASY INSTALLATION

The **wivactive** products feature ease of assembly, both those with lighting characteristics and the stand-alone ones.



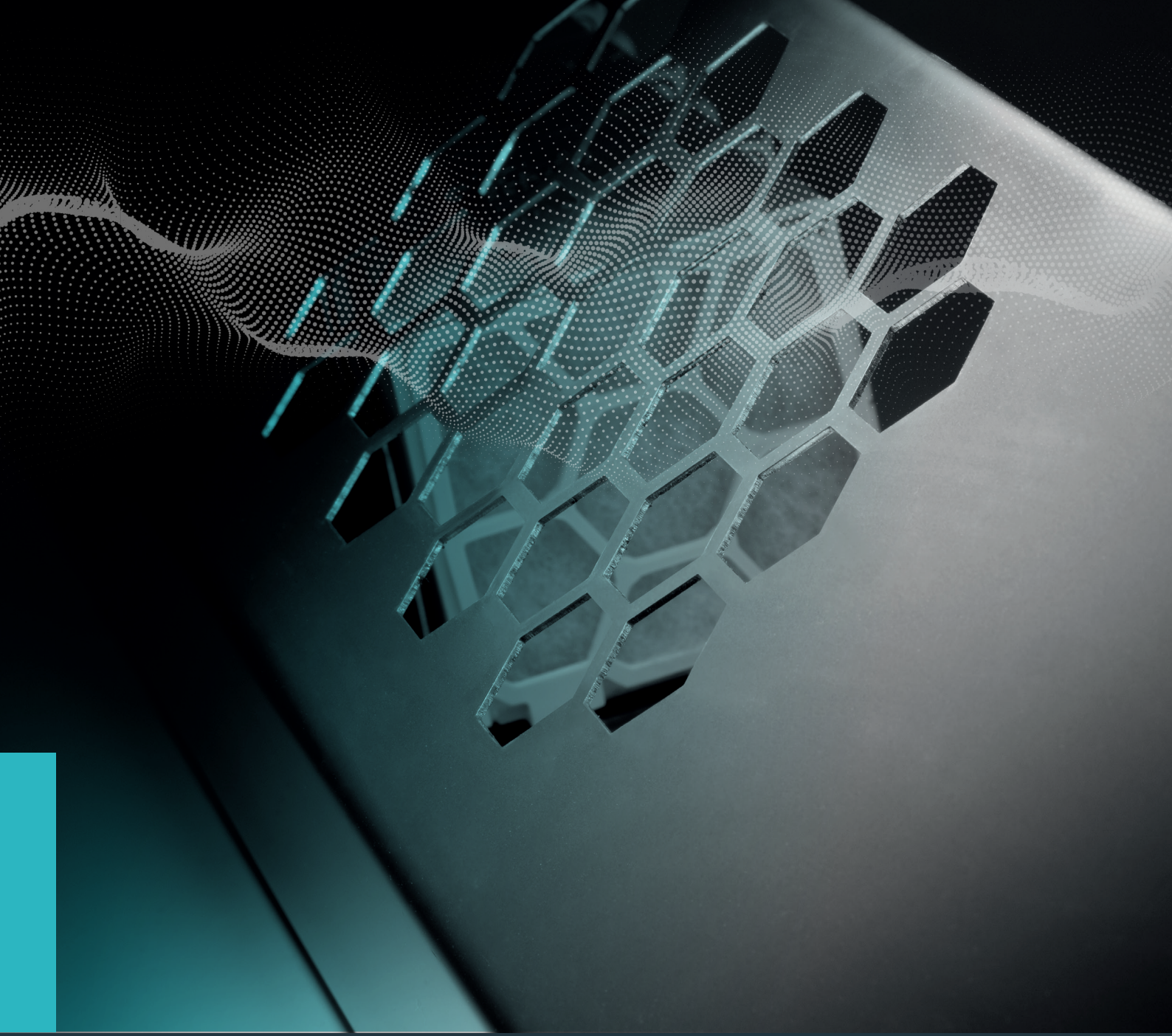
CUSTOM & PROJECT

The **wivactive** products, due to their design nature, can be customized to fully integrate them into any type of installation.



EASY TO CLEAN

The **wivactive** products are characterized by the ease and simplicity of maintenance that can be carried out independently.



witek

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