

Ecosan **Safety 50**



Breathe healthy to live better®

CERTIFIED DEVICE

Certified laboratory test ACCREDIA

ACTIVE PHOTOCATALYSIS SYSTEM

Effective against the elimination of viruses, bacteria, VOCs, formaldehyde, PM10, pollen, allergens, bad smells



"Ecosan" Devices by Retiax srl



PREVENTS



SANITIZES



24h SU 24h ACTION

Retiax

PROTECT YOUR HEALTH



"In **vehicles** and **closed places** that we frequent every day, we are surrounded by **harmful elements** that we breathe and absorb into our body, without realizing it.

Air pollution, both indoor and outdoor, is considered by the World Health Organization to be the **main environmental risk factor** for the health of the population"

92%

The time of the day that we spend indoors

5x

Indoor pollution is 5 times higher than outdoor pollution

88%

The amount of PM10 compared to all particles in the air

25

Millions of particles that we ingest with every breath

360

Millions of particles ingested every minute

8lt

The amount of air we breathe every minute

SECURE YOUR VEHICLES

Ecosan Safety 50 is the innovative device for sanitizing the air inside ambulances.

It fights bacterial and viral proliferation through the **active Photocatalysis system** designed and developed by Retiax.

The device has been made with particular attention to the functionality of the system, which thanks to the high efficiency of the components, is able to **sanitize the entire compartment in a few minutes from activation.**

It offers a **definitive and effective solution** to the problem of unsanitary environments.

The active Photocatalysis system, being a **natural process** of oxidation and mineralization of microorganisms, **allows the presence of people within the environment in which it operates.**

keeps the environment in which it operates in safety for the entire duration of activation.



INSTALLATION

Safety 50 has been designed to be installed inside the **rear door** of ambulances.

This feature makes it possible not to occupy additional space inside the vehicle, guaranteeing at the same time maximum efficiency.

The device works with low energy consumption, by connecting directly to the 12 V vehicle battery.

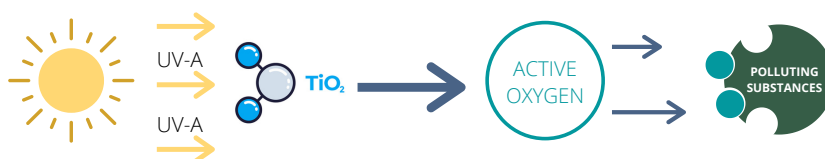


HOW DOES PHOTOCATALYSIS WORK?

Photocatalysis is a **NATURAL** process in which a photocatalyst, through the action of light, modifies the speed of a chemical reaction, through an **oxidation and mineralization** process. Consequently, organic substances such as viruses, bacteria, molds and inorganic ones such as fine dust, nitrogen oxides, NOx, VOC, air pollutants are transformed into **harmless compounds**.

ON / OFF
button

Photocatalysis is **a system that has been studied for over 40 years** in various public and private universities, as well as by the Italian Ministry of the Environment and Territory itself. In fact, its effectiveness as an anti-pollution, antiviral and anti-bacterial system has been clear for many years.



The **effectiveness** of the photocatalytic system is **immediate**, all organic and non-organic compounds that come into contact with the photocatalytic surface are immediately oxidized and eliminated. This function applied by all Ecosan devices, allows you to make the environment healthy in a **few minutes**, thanks to the high air recirculation capacity.

Sanitized air
emission fan

Photocatalysts never lose their functional properties with the passage of time, since they only act as activating agents of the oxidizing process; not binding with pollutants, they are always available for new photocatalysis cycles.

“Photocatalysis can provide an important contribution to solving the problem of indoor pollution”

DEVICES FOR YOUR ENVIRONMENTS

Wallbox 80



Ecosan Wallbox 80 was born as a device to combat indoor pollution. Characterized by the **maximum functionality** of the internal components, it **purifies 100 m³ / h of air**. Built in pursuit of maximum efficiency.

Task 70

Task 70 is the first device of the Ecosan series designed to be **installed on the ceiling**. Its unique design allows installation in false ceilings 60 x 60 cm or on the ceiling with the appropriate fixing bracket. The internal air recirculation allows to sanitize **70 m³ / h of air**.



Entirely recyclable



Bactericidal and virucidal



Total absence of harmful chemicals agents

CERTIFIED AND TESTED

- Ecosan devices are tested and certified by ACCREDIA certified laboratories, recognized in over 100 countries.
- Laboratory tests have shown the effectiveness in eliminating bacteria, virus, molds, bad smells, allergenic agents and pollutants.
- All Ecosan devices do not use chemical agents and do not pollute the environment.



www.retiar.com

Contacts

Retiex Srl
Via delle Alpi, 23
33098 Arzene (PN)
Tel. +39 0434 1697489
info@retiex.com