

SANIFLUX DISINFECTION & HYGIENE

Hygiene in the car

Several microorganisms such as germs, bacteria, viruses, fungi, spores and other pathogens nestle inside the car and the ventilation system (heating and air conditioning). In addition, the concentration of floating dust or Particulate Matter (PM10), in constant movement due to air circulation, completes a very high potential pollution of the passenger compartment. The health protection of the driver and passengers requires attention in order to keep the hygiene not only on the various contact points such as seats, control buttons, steering wheel, gear knob, keys ... but also on the air we breathe. The air flows through filters, ventilation ducts and, with the air conditioning system turned on, through the evaporator (the heat exchanger where the cold air is produced).

The low evaporator temperature attracts atmospheric humidity producing condensation and creating the condition for the molds formation, responsible not only of bad smells, but increasing other allergenic substances (in addition to those already in circulation such as pollen or mites).

Hygienization and disinfection interventions

Hygienization is the implementation of all the measures to safeguard the health by killing, inactivating or removing / diluting the microorganisms in order to control the risk of infection for people or contamination of objects or environments.

For cars, Hygienization is the set of various cleaning and ordinary maintenance interventions, periodic extraordinary treatments and the replacing of components such as filters. Depending by the use, there are disinfectants for objects, hands, air and surfaces. Several media contribute to Hygienization: from physical media (solar radiation, high temperatures or drying), biological media (dilution or vital competition from microorganisms) to chemical agents such as aldehydes, phenols, oxidants such as ozone, halogens and cationic and anionic detergents.

Therefore, regular cleaning of surfaces with antibacterial products (bactericidal activity according to UNI EN1276 / 2009 and EN13697), products with fungicidal activity (EN1275) and periodic cleaning of the upholstery seats with steam, are recommended. The saturation action through a controlled emission of ozone or other active principles based on Quaternary salts, completes the Hygienization of the car cabin and of the air conditioning system.



Automatic Alarms: high temperature, full tank, empty tank, "tilt"



The Saniflux solution from Ecotechnics

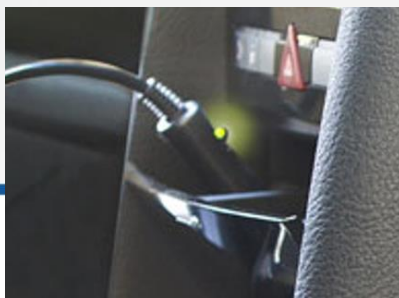
Ecotechnics' Saniflux liquid, in combination with the nebulizer Saniflux, Hygienizes thanks to the active ingredients based on quaternary salts which are found in nature in the form of salts which are more or less soluble in water. Quaternary ammonium ions with lipophilic substituents have an amphiphilic character and act as surfactants, a factor that gives these compounds detergent and bactericidal properties.

Saniflux treatment is recommended with a duration of 15 minutes, sufficient time to kill the organisms (the test report declares the product effective after 5 minutes)

- Ultrasonic technology with high and constant flow rate
- Possibility to easily direct the flow towards the evaporator
- Hygienizes the passenger compartment including the A/C system
- Eliminates allergens and irritants

Operation

- Put the Saniflux liquid into the tank
- Plug the 12 V power cord into the cigarette lighter socket
- Turn on the internal ventilation of the car A / C system with recirculation "on"
- Press the "START-STOP" button
- SANIFLUX will begin an automatic cycle of 15 minute



Technical specification

Power 12V / 3.7A
400 ml tank
Services: 4 (for top-up)
Flow rate: 5 ml / min
Weight: 2.9 kg
Automatic shutdown
Liquid level sensors
Automatic Alarms

