

# SANIFLUX DISINFECTION & HYGIENE

## Hygiene in the car

Several microorganisms such as germs, bacteria, viruses, fungi, spores and other pathogens nestle inside the whole **car cabin** 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, passengers, and mechanics** operating on the vehicle, 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 any other surface not in contact with them, and especially 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 also 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 (inactivation of microorganisms) to chemical agents such as aldehydes, phenols, 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.

## Saniflux: the Ecotechnics' patented solution for the car cabin



Saniflux is the patented Ecotechnics solution that allows to hygienize the vehicle's A/C system and internal parts thanks to the ultrasonic nebulization technology and the use of a specific liquid.

The Saniflux system, combined with the Ecotechnics charging station, is patented with patent number EP2349755

Saniflux treatment is recommended with a duration of 15 minutes

- **Patented system Nr. EP2349755 Saniflux + Ecotechnics A/C station \***
- **Ultrasonic technology with high and constant flow rate**
- **Possibility to easily direct the flow towards the evaporator**
- **Hygenize the vehicle's A/C system and internal parts**

### Operation

- Put the 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 20 minute

### Technical specification

- Power 12V / 3.7A
- 400 ml tank
- Services: 4
- Weight: 2.9 kg
- Automatic shutdown
- Liquid level sensors
- Automatic Alarms high temperature, full tank, empty tank, "tilt"



### \*) The patented solution

Saniflux XS601.00 is a "stand alone" unit. Some models of Ecotechnics' A/C Stations are able to combine the A/C Service and the purification at the same time: control, choice of vehicles size and inclusion of the service in the reporting system.

#### Connection of Saniflux to the A/C Station:

- Plug-in connection of the Saniflux to the A/C Station with the "Connection Cable" XS601.01
- Enable the Option in the Set-up Menu
- Follow the Menu navigation

The combined solution is available on Blackline stations ECK4000HFO, ECK4000PSA, ECK4000R, ECK3900Premium and ECK3900Premium HFO.