



>> GOGAS – TRAFFICsens DISRUPTS POTENTIAL CHAINS OF INFECTION IN PUBLIC VEHICLES WITH UV-C RADIATION, EFFECTIVELY ELIMINATING INFECTIOUS AEROSOLS

- BOTH STAFF AND PASSENGERS ARE PROTECTED VIA TARGETED ROOM DISINFECTION
- IT KILLS VIRUSES, BACTERIA, AND GERMS IN AIRBORNE SYSTEMS, PREVENTING THEM FROM MULTIPLYING,
- DISRUPTION OF POTENTIAL CHAINS OF INFECTION, DIGITALLY-VALIDATED, WITH CERTIFIED RELIABILITY AND DETECTABILITY
- NO REPLACEMENT FILTERS ARE REQUIRED, IT'S FREE OF CHEMICALS, IT'S SUSTAINABLE, COST-EFFECTIVE, AND LOW-MAINTENANCE
- MODULAR, SCALABLE, AND CASCADABLE, THEREFORE SUITABLE FOR ALL BUSES AND TRAINS
- WIDE TEMPERATURE RANGE OF +4°C —+45°C: IT CAN BE USED IN BOTH WINTER AND SUMMER MONTHS.
- DIGITALLY VALIDATED AND CERTIFIED (EMC DIRECTIVE 2014/30/EU; LOW VOLTAGE DIRECTIVE 2014/35/EU; ROHS 2 DIRECTIVE 2011/65/EU; PHOTOBIOLOGICAL SAFETY EN 62471;)

With the **TrafficSens** room disinfection system, GoGaS provides a reliable and verified solution for the disinfection of large vehicles, such as buses or trains. Energy-rich, short-wave UV-C radiation kills viruses, bacteria, and germs in air-borne systems, effectively preventing potential chains of infection. The radiation technology is also used in healthcare settings, to ensure that ambient air is free of viruses, bacteria, and germs, and is therefore supported by clinical evidence, confirming its effectiveness. Incidentally, UV-C radiation is also emitted by the sun, but is absorbed by the ozone layer before it reaches the earth's surface.

TRAFFICsens is not only suitable for fighting currently-circulating pathogens. The highly efficient disinfection via UV-C rays also prevents new types of pathogens from posing a danger to staff and day-to-day operations. TrafficSens is a sustainable solution for future application and, thanks to its filter-free operation, it's an easy-to-apply and low-maintenance alternative to disinfection devices with replaceable filters. It eliminates the need to purchase sensitive special filters, as well as the costly expert disposal of used filter units (partly) as hazardous waste. Another advantage in terms of sustainability is that the operation of TrafficSens is completely free of chemicals or ozone, thus protecting the environment as well as our health.

In addition to being user-friendly, its filter-free operation also eliminates the risk of filters being used beyond their intended service life due to relatively high costs, which would undermine the aim of achieving the highest possible level of safety. Instead, simply switch on the device at the touch of a button and maintain clean ambient air. The fully automated operation of the device means that it's uncomplicated for drivers, ensuring they remain focused on their core function.

Its operational life exceeds 9,000 hours, which enables the device to be operated over several years. Thanks to the wide temperature range of 4° to 45°C, TRAFFICsens is suitable for both the summer and the winter. The device can be openly mounted, or integrated, and can thus be adapted to the particular construction of any bus. The device is very quiet, with a pleasantly restrained sound level of ≤35 dBA. The advantage is that staff and passengers can undertake trips without the constant use of room disinfection units, benefitting from reliable protection and a high level of safety on every bus trip they undertake.

THIS IS GOGAS:

Established in 1946, GoGaS has become a key innovation and technology partner to many customers and Who is Who in their industries, providing sustainable, environment friendly and innovative turnkey solutions for buildings, manufacturing process up to CO2 neutral operation.

The unique portfolio includes a wide range of modular system and turnkey solutions such as IR, UV, UV-C, Aircondition, Heating, Cooling, Ventilation, Solar Systems and others for stationary, mobile and portable in- and outdoor applications. The company is active in several standardization committees, defining the next generation of technology standards such as TGA+.

GoGaS is a key stakeholder in leading associations and initiatives, such as VDMA, figawa, Export Initiative Energy, ELVHIS and others. As an active member of the BLUE COMPETENCE ALLIANCE, GoGaS is also driving the future of environment friendly and energy efficient planning, building and operating of B2B buildings, thus optimizing its CO2 footprint and maintaining the highest possible asset valuation, ROI and TCO for investors, owners, operators and tenants at the same time. The company is also involved in key research programs of the EU and industrial technology partners.

GoGaS provides its customers with turnkey solutions, reducing the number of interfaces, eliminating delays in the Supply Chain and project execution and provides a lifetime warranty and support service.