



Sanitary comfort.
Without limits.



Technology instead of chemicals!

The success story

When the confined spaces of a motorhome or caravan get unpleasantly smelly, it can really spoil the holiday mood.

Everyone knows it, but almost no one talks about it.

Having conducted years of developmental work since its foundation in 1994, SOG® Systeme GmbH & Co. KG has become a specialist in completely odour-free mobile toilet systems, macerator toilets, and dry separation toilets. The 12V ventilation systems wisp away unpleasant odours completely and thereby increase the comfort of travelling without the use of chemicals.

Environmentally friendly solutions Made in Germany

The environmentally friendly and resource-saving systems are developed and produced exclusively in Germany in compliance with high quality and material standards.

SOG® is an OEM supplier for original equipment, so you obtain the products as original equipment both already integrated into your vehicle and as individual retrofit options.

This ensures reliability of all production processes and optimum technical integration, and guarantees that the SOG® system can be optimally customised to your personal requirements and the trim level of your vehicle.

Because of that, all products are not only available on the European market, but are also increasingly being exported to countries such as Australia, America, New Zealand, and Korea.

Outstanding engineering performance

Our chemical-free ventilation systems have already received numerous awards, including the LUPO 2006 Inventor Award – fondly referred to as the “Oscar of the caravan industry” – and first prize as “Accessory of the Year”, awarded by the readers of the trade magazine “Promobil”. Back in June 1997, the German consumer organisation “Stiftung Warentest” already confirmed the decisive advantage of toilets that use air extraction: “Because chemical sanitary additives are completely superfluous here, these toilets can be operated in a way that is gentle on the nose and on the environment.”

- 1994** ● Developer Werner Dahmann, a passionate camper himself, develops a concept for a camping toilet free of chemicals and odours, leading to the first trials in collaboration with co-founder and wife Ruth Dahmann, which they carry out in their rental fleet. The first prototype is created. The utility model for the concept is registered, production starts, and the first container off the production line is purchased. The product is supplied directly to leading motorhome manufacturers, who install the system and include it permanently in their product ranges.
- 1995** ● The invention is voted the number one accessory of the year by readers of the trade magazine Promobil 4/95. The invention is registered for a European patent.
- 1996** ● SOG® exhibits at CARAVAN SALON in Düsseldorf for the first time and begins forging international trade partnerships.
- 1997** ● Stiftung Warentest tests portable toilets and sanitary additives in Ist 6/97 issue. The report confirms the decisive advantage of toilets that use air extraction: "Because chemical sanitary additives are completely superfluous here, these toilets can be operated in a way that is gentle on the nose and on the environment."
- 1998** ● The company acquires a 3000 m2 site in Löff near Koblenz for the construction of a new production facility, workshop and salesroom. At the same time, the SOG® ventilation system for fixed tank toilets is presented. Soon after, car parking spaces are constructed.
- 1999 - 2009** ● The European patent is granted. The company premises are expanded again and even more parking spaces are added. Werner Dahmann is bestowed the Rhineland-Palatinate Inventor Award for the development of the SOG® toilet ventilation system. The SOG® II floor model is launched on the market, with a highly optimised filter system that can be positioned flexibly within the vehicle.
- 2010 - 2019** ● Introduction of SOG® Up, the first 12V ventilation system for macerator toilets and SOG® Compact as a small-space technical unit for odour extraction in macerator toilets. SOG® is distinguished with the coveted "LUPO 2016" award for innovative and environmentally friendly solutions in the caravan industry. The 25th anniversary of SOG® ventilation systems is celebrated.
- Since 2020** ● Further expansion of the company premises to create larger production and storage capacities and storage capacities, and the sales and showrooms are renovated. SOG® TT is presented as the first odour-preventing ventilation system for dry separating toilets. The suction for macerator toilets is further developed with SOG® Compact quick.



Nature-conscious while travelling through nature.

SOG[®] helps to promote sustainable environmental protection with the latest technology.

Camping toilets with chemical additives are no longer allowed to be emptied in many places around the world, in order to protect local waterways and sewage treatment plants, because they contain chemicals that destroy the bacterial cultures required for decomposition in the septic tanks. The elimination of chemical components also avoids plastic bottles and the packaging materials in which the sanitary additives are supplied.

For many camping enthusiasts, the choice of chemical toilet and the odour and environmental problems that come with it are an understandable hurdle when deciding which camping vehicle to buy. SOG[®] systems get rid of these disadvantages.

Toilets equipped with SOG[®] completely prevent odours in the confined camping space without chemical or biological additives. This increases comfort. Every portable toilet can be made to be 100% chemical-free quickly and easily using SOG[®], without the need for an expensive conversion to another toilet system.

Sanitary comfort. Without limits.

Thinking of tomorrow yesterday.

Standard portable toilets combat toilet odours using chemical additives that are harmful to the environment and our health.

Over 90% of all motorhomes, campers, and caravans come equipped with portable toilets that rely on these chemical additives.

Chemicals do not promote the process of faeces decomposition; rather, their main function is to reduce the odours of digester gases by inhibiting the decomposition process, as a way to minimise the formation of the odorous gases themselves. The fact of the matter is that decomposition takes place through natural biological processes exclusively with the help of oxygen.

This is the kind of process that is used, for example, in the aeration tank of a sewage treatment plant. There, oxygen is supplied as compressed air to give the microorganisms the oxygen they need to biologically break down matter and thus promote decomposition.

SOG® technology was developed on this principle 30 years ago. This innovative technology uses the laws of nature to greatly speed up the decomposition process of faeces and toilet paper. It achieves this by improving the oxygen supply, not only when the toilet is in use but also when the valve is closed.

Unlimited advantages:



No need for additives that are harmful to environment or health



100% odourless indoors and outdoors, even in midsummer temperatures



Requiring no additives means that a toilet can even be emptied early, at a low fill level, without a problem



Decomposition occurs exclusively through water and oxygen



No limits on how to dispose, since no additives are used



No expensive special paper required



Optimum hygiene when handling faeces



No heavy residues or wear in the tank, despite the absence of chemicals



Installation can be carried out by the owner or by professionals

The SOG[®] System

Tried, tested, proven worldwide.

Only high-quality, high-performance components are used in the SOG[®] system, for example the fan developed specially by and for SOG[®].

Experience has shown that this lasts the entire life of the vehicle; only the activated charcoal filter needs to be replaced annually. Every SOG[®] system is optimally matched to the odour prevention and decomposition processes of all toilet systems on the market.

The fans of the SOG[®] and SOG[®] II systems for cassette toilets are 100% watertight and resistant to the aggressive components of the air drawn in from the waste-holding tank.

The use of dry separating toilets often requires the SOG[®] TT fan to remain in continuous operation. With its low power consumption of 0,84 watts and its design and ability to run continuously, it ensures effective removal of unpleasant odours and prevents condensation.

Customers with ceramic macerator toilets can use SOG[®] Compact quick to ensure a pleasant indoor climate. It achieves the desired effect quickly and easily thanks to a powerful filter.

The filtration units of SOG[®] systems:

- discharge the air to the outside or into the interior with zero odour
- have been intensively tested for their performance under extreme conditions
- consist of carefully adapted and sustainable activated charcoal
- only need to be changed once a year
- do not generate carbon dust
- are light and compact



Please remember to
change your filter
once a year.



SOG® II Floor version



SOG® Compact quick



SOG® TT



SOG® Roof version



SOG® Door version



The SOG[®] - system for cassette toilets

The innovation without sanitary additives.

The SOG[®] - functional principle:

Oxygen and water are the two key elements needed to break down organic material.

SOG[®] has been using this natural process for 30 years now and has developed innovative technology to optimise it even further.

A small, specially developed high-performance fan switches on automatically when the toilet valve is opened to create a negative pressure in the waste-holding tank.

This creates a "suction" at the valve opening, causing fresh air to be drawn in along with the odours generated during use, and together these are both directed outside. This suction of the air also behaves like a seal and fully prevents any unpleasant biogases from rising out of the tank. At the same time, more air [oxygen] and water [toilet flushing] enters the cassette each time it is used.

After the automatic switch-off [closing of the valve], there is permanent aeration – meaning oxygen supply – through the pipe or hose connection that is always open to the outside, and this promotes the decomposition process.

The SOG[®] toilet ventilation system thus ensures decomposition without the use of any sanitary additives and also offers a gain in comfort by putting an end to unpleasant odours.

One system, three options

The SOG[®] system for cassette toilets guarantees consistent effectiveness.

SOG[®] Door version

- Ventilation through the service hatch
- Housing that mounts on the outside the service hatch – easy installation
- Exhaust air filtered through the housing with activated charcoal
- Available in the standard vehicle colours and can be custom painted



SOG® II Floor version

- Ventilation through the vehicle floor
- Filter/fan unit can be installed variably in the camper – up to three metres away from the toilet
- Can even open out to the awning area, since the discharged air is completely odourless
- No need for visible modifications to the vehicle wall
- Specially developed efficient filter unit



SOG® Roof version

- Ventilation through the vehicle roof
- Completely maintenance-free
- No filter required
- No need for visible modifications to the vehicle wall



The SOG[®] - System for macerator toilets

SOG[®] Compact quick

- Especially for ceramic macerator toilets
- Compatible with all toilet models available on the market
- Creates a pleasant room climate by completely eliminating odours
- Fan switches on automatically when the toilet lid is opened
- Unpleasant odours are extracted directly from the toilet bowl via an extraction shaft and removed through a powerful filter
- Easy installation with no need to drill holes in the seat, tank, or vehicle



The SOG[®] - System for dry separation toilets

SOG[®] TT

- Specially optimised filter unit with integrated fan
- Fan suitable for optional continuous operation with low power consumption (0,84 W)
- Complete prevention of condensation and odour formation
- Low-noise discharge
- Guaranteed odour-free indoor and outdoor areas
- E-ventilator can be switched on and off separately by a switch on the inside wall of the vehicle





Recommended by



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EXPLAINER VIDEO

