SYSTEMS FOR SANITARY COMFORT AND PROTECTION OF THE ENVIRONMENT
WITH SOG® FOR THE LUXURY TOILET - MADE IN GERMANY

The company SOG® Systeme OHG that was founded in 1994 offers as a result of years of development work various AIR EXTRACTION SYSTEMS for the optimization of toilets.

The aim of the patented systems is the chemical-free use of caravan and camper van toilets while at the same time increasing comfort through freedom from unpleasant odours.

If you are used to luxury, you do not want to do without it at home as well - SOG® HOME offers the solution. The environmentally-friendly systems are produced by ourselves exclusively in Germany on the basis of high standards of quality.

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It is not always good when there is something in the air, especially when on holiday and in the limited living space of a caravan or camper van. Just try to imagine that you are on the toilet and cannot smell anything! Users of SOG® devices know this effect. At the same time, an electric air extraction system makes the use of toilet additives completely unnecessary - and this saves not only money but also the environment.

WORK ACTIVELY WITH OXYGEN THANKS TO TECHNOLOGY

An underpressure is produced in the waste-holding tank by means of a small high-performance fan that was developed for and with SOG® and which switches on automatically when the toilet gate valve is opened. This produces a suction effect at the gate valve opening, which draws in fresh air and passes it to the outside and also during use. The drawing in of the air works like a seal prevents to 100% the rising of any sludge gas from the tank. However, there is still ventilation to the outside and a closed system to the inside after it switches off automatically.

AN END TO BAD SMELLS
COMPLETELY WITHOUT TOILET ADDITIVES

In addition to putting an end to bad smells the active air extraction from the toilet has the big advantage that this is done without any any chemicals at all.

When the gate valve is closed the hose connecting the SOG® SYSTEMS to the outside ensures that the decomposition process is accelerated by the intentional addition of oxygen to the waster-holding tank. Even normal toilet paper is decomposed within a short time and it is not necessary to use special toilet paper.
REFRESHINGLY INDIVIDUAL SOLUTIONS

Of course, an important aspect is to draw the odours to the outside without any smell by extraction from the toilet bowl and waste-holding tank.

SOG® offers three forms of air extraction for all mobile toilets. This means that you can choose the solution that is best for your particular vehicle.

THREE WAYS TO THE OUTSIDE
1. **Door version**

The fan is installed directly on the inside on the disposal flap.

The housing with the activated charcoal filter is mounted on the outside. The shapely plastic housing is available in white, pale grey and dark grey and can also be painted in the same colour as the camper van or caravan.

SOG® for the service flap is the easiest form of air extraction to install.
2. FLOOR VERSION

The SOG® II compact unit offers a wide variety of options for ventilating toilets.

The unit consists of a replaceable filter cartridge in which there is the fan. This can be placed at any desired distance up to three metres from the toilet and ventilates through any desired point above the floor (e.g. in the garage, under the bench, in the double floor or in the stowage compartment).

We recommend that the SOG® II floor version is installed in caravans where the service flap of the toilet exists directly into the awning. The specially developed filter unit works so efficiently that the extracted odour-laden air is completely neutralised.

SOG® II thus offers an air extraction version that permits a wide variety of installation locations in addition to simple retrofitting.

(Filter: 90 mm H, 110 mm Ø | Filter unit with fan: 160 mm H

INSTALLATION EXAMPLES: www.sog.info

FLOOR VERSION
3. ROOF VERSION

In this version the waste-holding tank is connected to a roof outlet by a pipe. The high-performance fan is directly under the roof outlet and creates an adequate underpressure for a pipe of up to three metres in length. The gas-tight hose has proved its worth as an accessory for caravans and camper vans, since it is the easiest solution when retrofitting roof ventilation. The supplied parts are matched to a waste water system that is available from camping vehicle dealers (this also applies to SOG® II). Roof ventilation requires no maintenance because no filter is required. Retrofitting can often be very difficult, hence it is mostly offered by the manufacturers as original equipment.
THE VERY BEST TECHNOLOGY

All components have been finalised down to the smallest detail and designed for a long working life. Thus, for example, only fans that had been especially designed for SOG® are used, which are resistant to aggressive components in the air that is drawn in from the waste- holding tank and are also water-tight. You only achieve the desired effect together with the low power consumption of 0.84 W through a carefully matched speed of rotation (only running while used)

In our experience, a SOG® unit lasts for the entire life of the vehicle and only the activate charcoal filter needs to be replaced, if one is installed.

SOG® COMPLETE KIT

ALL KITS INCLUDE:
• Fan - the heart of the system
• Adapter parts
• Cable set with switch to supply power to the fan
• complete set of small parts for installation
• very differentiated installation instructions

SOG® DOOR VERSION includes in addition:
• Filter housing
• Activated charcoal filter mat

SOG® ROOF VERSION includes in addition:
• Roof outlet

SOG II FLOOR VERSION includes in addition:
• Floor outlet
• Filter cartridge
**Activated Charcoal**

An important constituent part of the SOG® and SOG® II is activated charcoal. This is made in a very environmentally-friendly way from organic materials such as peat, nutshells and sugar. This mainly consists of carbon (mostly >90%) with a highly porous structure. The pores are connected to one another as in a sponge (open-pored). Active charcoal is used as an adsorption material in, among other applications, the chemical and medical industries, for the treatment of water and waste water, and in ventilation and air conditioning systems.

Ensure that the filter is changed regularly, **after one year**, to avoid unpleasant smells from the vehicle.

**SOG® + SOG® Filters offer Convincing Advantages**

- long working life (1 year)
- complete neutralisation of odours due to seamless processing
- no formation of charcoal dust
- low weight
- compact size
For every model of toilet there is the right SOG® unit

The SOG® air extraction unit is always connected to the waste-holding tank of the mobile toilet. This functions regardless of the model of toilet you have.

Applies to all cassette-type toilets available (also portable ones).
SOG® +SOG® II Typ 3000A | FOR ALL DOMETIC CT3000+CT4000
CERAMIC CASSETTE TOILET | WASTE-HOLDING TANK 19L WITH WHEELS

SOG® Door Version
filter housing white
0310

SOG® Door Version
filter housing light-grey
0310FG

SOG® Door Version
filter housing dark-grey
0310FDG

SOG® II Floor Version
200310

SOG® Roof Version
0310D

SOG®+SOG® II
2. connection for additional tank
0350

SOG® +SOG® II Typ 320S | FOR ALL DOMETIC SANEO
ROTATING TOILET BOWL | WASTE-HOLDING TANK WITHOUT WHEELS

SOG® Door Version
filter housing white
0320

SOG® Door Version
filter housing light-grey
0320FG

SOG® Door Version
filter housing dark-grey
0320FDG

SOG® II Floor Version
200320

SOG® Roof Version
0320D

SOG®+SOG® II
2. connection for additional tank
0355
SOG® +SOG® II Typ F | for all Thetford C250/C260
Rotating toilet bowl | Waste-holding tank with wheels

SOG®
Door Version filter housing white
0050

SOG®
Door Version filter housing light-grey
0050FG

SOG®
Door Version filter housing dark-grey
0050FDG

SOG® II
Floor Version
20050

SOG®
Roof Version
0050D

SOG®+SOG® II
2. connection for additional tank
0075

SOG® +SOG® II Typ B | for all Thetford C200
Rotating toilet bowl | Waste-holding tank without wheels

SOG®
Door Version filter housing white
0023

SOG®
Door Version filter housing light-grey
0023FG

SOG®
Door Version filter housing dark-grey
0023FDG

SOG® II
Floor Version
20023

SOG®
Roof Version
0023D

SOG®+SOG® II
2. connection for additional tank
0077
SOG® +SOG® II Typ H | FOR ALL TETFORD C220
Rotating toilet bowl | Waste-holding tank without wheels

SOG®
Door Version
filter housing
white
0280

SOG®
Door Version
filter housing
light-grey
0280FG

SOG®
Door Version
filter housing
dark-grey
0280FDG

SOG®II
Floor Version
200280

SOG®
Roof Version
0280D

SOG®+SOG®II
2. connection
for additional
tank
0067

SOG® +SOG® II Typ D | FOR ALL TETFORD C400
Bench toilet | Waste-holding tank with wheels

SOG®
Door Version
filter housing
white
0021211

SOG®
Door Version
filter housing
light-grey
0021211FG

SOG®
Door Version
filter housing
dark-grey
0021211FDG

SOG®II
Floor Version
20021211

SOG®
Roof Version
0021211D

SOG®+SOG®II
2. connection
for additional
tank
0010
SOG® +SOG® II Typ G | For All Thetford C500
Bench Toilet | Waste-Holding Tank with Wheels

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SOG® +SOG® II Typ A | For All Thetford C2/C3/C4
Bench Toilet 19L | Waste-Holding Tank Without Wheels

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SOG® +SOG® II Typ C | For Thetford Porta Potti and Dometic Transportable

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Domestic Transportable
AIR EXTRACTION UNIT FOR TROUBLE-FREE USE INSIDE

The users or portable toilets for tents, holiday homes or garden homes have also long wished for the many positive properties of the SOG® system.

The SOG® BOX was developed to provide an air extraction system without a 12 V power supply that could be retrofitted very easily to all portable toilets. In addition to a rechargeable battery with a very long working life, there is also a high-performance activated charcoal air filtering system in the small box, which cleans the air and passes it into the same area but without any odours.

A mains charger unit is included as standard.

As with all SOG® systems, the contents of the tank can be disposed of without any problems after installation of the SOG® BOX because it is possible to use the toilet without any chemicals.

SOG® Box
Only SOG® draws air from the toilet bowl...

...and not just half-heartedly and not with simple technology!

These are repeatedly confused with air extraction systems that are offered by toilet makers. These only extract air from the waste-holding tank and thus do not achieve the desired effect.

Sometimes air extraction systems are mistakenly rated as equivalent, although SOG® is the only system of its type on the market that extracts odours directly from where they are created. SOG® always removes the air to the outside and never unfiltered into the inside.
SATISFIED CUSTOMERS WHEREVER YOU LOOK

One thing is clear, anyone who has once used a SOG\textsuperscript{*} air extraction unit has it installed in his or her next vehicle - or orders it to be fitted as standard at the factory.

If you want to see the system in operation, just ask one of your neighbours next to you in the parking area. There is sure to be a a SOG\textsuperscript{*} system in use somewhere.

Satisfied customers are always the best form of advertising!

If it still stinks...

SOG\textsuperscript{*} guarantees 100% usage without odours.

However, if you notice an odour while travelling or when using the toilet, then there is a reason for it.

In most cases, the obnoxious stink, which can be cause, for example, by not having followed all the details during installation, can be dealt with quickly.

CARE OF THE TANK

As a result of urine, lime and faeces, In the course of time the walls of the tank become covered with a coating that does not always cover it evenly. The faeces tank remains clean longer if it is thoroughly washed out with water each time that it is emptied. After that, put a small amount of soft soap (an environmentally-type of soap can be found in a drug store) into the faeces tank. That keeps it clean for a long time.

Regardless of whether the tank is used with SOG\textsuperscript{*} or chemical additives, it should be treated with special cleaner for faeces tanks once a year. This keeps the moving parts in the tank clean and free-running.

Important! Do not use special camping toilet paper, because this does not break down and can cause blockages as a result.
Ever since the first SOG® air extraction system was offered on the market 20 years ago, a great deal has changed regarding toilets in leisure vehicles. The development department at SOG® has always kept pace with every new development. Thus it is not necessary to without comfort even in the limited amount of space of the luxury class.

**SOG® COMPACT** integrated both electrical and other system components into a technical unit and thus offers the advantage of very simple installation with fixed tank toilets.

Just four screws attach the air extraction system underneath the toilet seat.

Power is supplied by the vehicle’s on-board 12 V power system. It is not necessary to make a hole in the tank or the vehicle.

**INSTALLATION IS SO SIMPLE - THE FUNCTION IS SO EFFECTIVE:**

When the toilet lid is lifted the fan is switched on and sucks out all unpleasant smells directly from the toilet bowl via an extraction duct with optimised flow properties and passes them to a special high-performance filter.

SOG® COMPACT air extraction is compatible with standard toilet macerator systems available on the market.
SOG® Up makes possible a simple air extraction solution for the retrofitting of a macerator toilet of type Jabsco.

With these toilets the waste is pumped directly into a fixed tank. The SOG® Up is therefore attached directly to the top at the toilet bowl. A 12 V high-performance fan sucks out from the toilet bowl via an extraction duct with optimised flow properties all the odours that arise during use of the toilet and passes them via the floor to the outside. The extraction system is switched on and off by a sensor built into the duct that activates the fan when the toilet lid is raised.

SOG® Up and SOG® Compact were optimised to meet customer requirements, with special value being placed on the reduction of unpleasant smells.
This innovative system is the first one on the market that can be con-
nected as an independent unit to existing disposal stations, to do-
mestic toilets or directly to the sewer system.

The function-related system components are integrated into a tech-
nical box that is connected to the holder element.

The primary advantage of the SOG Dumping system is that it com-
pletely avoids the spreading of any unpleasant odours in the vicinity
of disposal stations, thanks to the electrical air extraction

absolute in the drainage pipe.

This is not only a great benefit for whoever is draining the tank but
also all the people in the adjacent parking areas on the site. The unit
with extremely good filtering also has special importance when used
in fixed toilets in enclosed rooms such as on camping grounds.

SOG® also offers a DUMPING system for a direction to a normal man-
hole cover.
SOG® Comfort for the home as well
Anyone who already knows SOG® from his camper van or caravan really would not like to do without the luxury that he has become used to when on holiday once he is back home again! SOG® HOME was developed as the result of suggestions by enthusiastic and satisfied SOG® customers. The system consists of a technical unit for easy retrofitting to standard toilet seats and toilet bowls. The SOG® HOME integrates all the system components for effective odour extraction and adsorption. It is not necessary to connect it to the mains. The SOG® fan draws off all unpleasant odours directly from the toilet bowl via an extraction duct and releases them into the bathroom area fully neutralised by a high-performance filter. The result is that bathrooms and guest toilets are completely free of unpleasant odours.
ALREADY THOUGHT ABOUT IT THIS YEAR?
1X ANNUALLY CHANGE FILTER!