

SOG 26580 (Type F for Thetford C250/C260)

SOG Toilet Ventilator System Type F

FOR THETFORD C250/C260 CASSETTE TOILETS

Model: 26580

Brand: SOG

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the SOG Toilet Ventilator System Type F, specifically designed for Thetford C250 and C260 cassette toilets. The SOG system offers an effective solution for odor control by actively extracting gases from the toilet cassette, enhancing comfort in your RV or caravan.

2. PRODUCT OVERVIEW

2.1 Product Description

The SOG Toilet Ventilator System Type F is an active ventilation unit that eliminates unpleasant odors from your RV or caravan toilet. It works by creating a negative pressure within the toilet cassette, drawing odors directly out through a filter and to the outside. This system allows for chemical-free toilet operation, contributing to a more environmentally friendly and convenient experience.

2.2 Key Features

- Direct odor extraction from the toilet cassette.
- Specifically designed for Thetford C250 and C260 models.
- Enables chemical-free toilet use.
- Reduces gas build-up and pressure in the cassette.
- Compact and efficient design.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your SOG ventilation system. Please follow these steps carefully. It is recommended to have basic technical skills for installation.

3.1 Components Included

The SOG Type F kit typically includes:

- Ventilation fan unit
- Filter housing and filter
- Hose and connectors
- Mounting hardware
- Sealing components (e.g., rubber grommets, plug)



Figure 1: Example of sealing components included in the SOG kit.

3.2 Installation Steps

1. **Access the Toilet Cassette Compartment:** Open the exterior access door to your Thetford C250 or C260 toilet cassette. Ensure the area is clean and clear for installation.



Figure 2: View of the toilet cassette compartment with existing ventilation setup.

2. **Prepare the Cassette:** The SOG system connects directly to the toilet cassette. Identify the existing ventilation point or prepare the designated opening on the cassette according to the specific SOG model instructions for your Thetford C250/C260.



Figure 3: Preparing the connection point on the toilet cassette.

3. **Mount the Filter and Fan Unit:** Install the filter housing and fan unit in a suitable location within the cassette compartment. Ensure adequate space for air circulation and future filter replacement. Secure the unit firmly using the provided mounting hardware.



Figure 4: Installed SOG filter and fan unit within the compartment.

4. **Connect Hoses and Wiring:** Connect the provided hoses from the cassette to the fan unit and then to the exterior vent. Connect the fan's electrical wiring to a 12V power source, typically the toilet's flush mechanism or a dedicated switch, ensuring the fan activates when the toilet blade is opened. Follow the wiring diagram provided with your kit.
5. **Seal All Connections:** Ensure all connections, especially where the hose enters the cassette and the exterior vent, are tightly sealed to prevent leaks and ensure efficient odor extraction. Use the provided grommets and seals as instructed.
6. **Test the System:** After installation, test the system by opening the toilet blade. You should hear the fan activate and feel air being drawn into the cassette. Close the blade to ensure the fan deactivates.

4. OPERATION

The SOG system operates automatically when the toilet blade is opened. When the blade is closed, the fan deactivates. This ensures that odors are only extracted when the toilet is in use, optimizing power consumption and system efficiency.

4.1 Chemical-Free Use

One of the primary benefits of the SOG system is the ability to use your toilet without chemical additives. The active ventilation prevents gas build-up and odor, making chemical use unnecessary. This reduces environmental impact and eliminates the need to purchase and store toilet chemicals.

5. MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your SOG system.

5.1 Filter Replacement

The SOG filter should be replaced annually or after approximately 100 toilet uses, whichever comes first. A saturated or clogged filter can significantly reduce the system's efficiency and lead to persistent odors.

To replace the filter:

1. Locate the filter housing, typically mounted near the fan unit.
2. Open the housing according to its design (e.g., twist-lock, clips) and carefully remove the old filter.
3. Insert a new SOG replacement filter, ensuring it is correctly seated and oriented.
4. Close the filter housing securely.

5.2 Cleaning

Periodically inspect the hoses and fan unit for any blockages, debris, or excessive dust build-up. Clean with a damp cloth if necessary. Do not submerge the fan unit in water or use harsh chemical cleaners.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your SOG system.

6.1 Fan Not Activating

- **Check Power Connection:** Ensure the fan is correctly wired to a 12V power source and that all electrical connections are secure.
- **Check Fuse:** Verify the fuse in the power circuit is intact. Replace if blown.
- **Toilet Blade Sensor:** Ensure the sensor that detects the toilet blade opening is functioning correctly and making proper contact. Clean if necessary.

6.2 Odors Persist

- **Check Filter:** The filter may be saturated and require replacement. This is the most common cause of persistent odors.
- **Check for Leaks:** Inspect all hose connections and seals for any air leaks that could compromise the negative pressure within the cassette. Re-seal if necessary.
- **Hose Obstruction:** Check if the ventilation hose is kinked, crushed, or obstructed by debris.

6.3 Excessive Noise

- **Fan Obstruction:** Check if anything is obstructing the fan blades. Carefully remove any foreign objects.
- **Loose Mounting:** Ensure the fan unit is securely mounted and not vibrating against any surrounding surfaces. Tighten mounting screws if loose.

7. SPECIFICATIONS

Feature	Detail
Brand	SOG

Feature	Detail
Model	26580 (Type F)
Compatibility	Thetford C250, Thetford C260
Item Weight	499 g
Product Dimensions (L x W x H)	22.8 x 22.2 x 8.4 cm
Country of Origin	Germany
ASIN	B003JGZQ4W

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official SOG website or contact your authorized SOG dealer. It is important to keep your purchase receipt as proof of purchase for any warranty claims. For further assistance and product information, please visit:[SOG Official Website](#)



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