

SEAFLO SFMTE1-01-R

SEAFLO 12V Electric Flush Marine Toilet User Manual

Model: SFMTE1-01-R

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SEAFLO 12V Electric Flush Marine Toilet, Model SFMTE1-01-R. Please read this manual thoroughly before installation and use to ensure proper function, safety, and longevity of the product. Retain this manual for future reference.

SAFETY INFORMATION

WARNING:

- Always disconnect power before performing any installation, maintenance, or troubleshooting.
- Ensure all electrical connections are properly sealed and protected from moisture in a marine environment.
- Use appropriate personal protective equipment (PPE) during installation and maintenance.
- Do not dispose of foreign objects, harsh chemicals, or non-biodegradable materials into the toilet, as this can cause damage and blockages.
- Verify that the power supply matches the product's voltage requirements (12V DC).

PRODUCT OVERVIEW

The SEAFLO 12V Electric Flush Marine Toilet (SFMTE1-01-R) is designed for marine and RV applications, offering efficient and hygienic waste management. It features a durable ceramic bowl and an electric macerator pump for effective flushing.



Image: Front view of the SEAFLO 12V Electric Flush Marine Toilet with the seat and lid open, showcasing its compact design and white ceramic finish.

Key Features:

- **Soft Close Seat:** Prevents slamming and reduces noise.
- **Easy-to-Clean Ceramic Bowl:** Vitreous china construction with crevice-free contours for enhanced

hygiene.

- **Flexible Installation:** Supports both left and right-handed installations.
- **Efficient Flush Pump:** Features a flexible impeller flush pump with an open flow of 18.9 liters per minute.
- **Built-in Backflow Preventer:** Ensures hygienic operation.
- **Convenient Push-Button Flush:** Simple and reliable operation.
- **Versatile Use:** Suitable for installations both above and below the waterline.
- **Durable Construction:** Permanent magnet type motor, fully enclosed, with a stainless steel shaft.
- **Self-Priming:** Ensures consistent flushing performance.
- **Corrosion Resistant:** Materials selected for marine environments.

Features and Benefits



- Suitable for use in above or below waterline installations
- All spare parts can be ordered individually
- Convenient push-button flush
- Permanent magnet type motor, fully enclosed, with stainless steel shaft
- Self-priming and mush function flush pump
- Includes heavy-duty push button and 1"-1/2" discharge hose adapter
- All Corrosion resistant material for marine use
- Universal connector for easy replacement

Image: Diagram illustrating key features such as soft close seat, easy-to-clean ceramic bowl, left/right installations, flexible impeller flush pump, built-in backflow preventer, and push-button flush with fuse panel.



soft close seat

**Easy-to-clean
china bowl**



**Left and right-handed
installations**

Toilet component

interchangeable with
JABSCO marine toilet pump kit

OPTIONAL ACCESSORIES SOLD SEPARATELY



**Durable and reliable
package for safety
transportation**

Image: Close-up views highlighting the soft close seat mechanism, the smooth surface of the easy-to-clean china bowl, the

INSTALLATION INSTRUCTIONS

Proper installation is crucial for the performance and longevity of your marine toilet. If you are unsure about any step, consult a qualified marine technician.

1. Pre-Installation Checks:

- Ensure you have all necessary tools and materials (e.g., hoses, clamps, wiring, sealant).
- Confirm the mounting surface is strong enough to support the toilet and user weight.
- Verify the 12V DC power supply is accessible and adequately fused.
- Plan the routing for water inlet, waste discharge hoses, and electrical wiring.

2. Mounting the Toilet:

1. Position the toilet in the desired location, ensuring adequate clearance for operation and maintenance.
2. Mark the mounting holes on the floor.
3. Drill pilot holes as required.
4. Secure the toilet to the floor using appropriate marine-grade fasteners and sealant to prevent water ingress.

3. Plumbing Connections:

1. **Water Inlet:** Connect the freshwater supply hose to the toilet's inlet fitting. Ensure a tight, leak-free connection using hose clamps.
2. **Waste Discharge:** Connect the waste discharge hose to the toilet's outlet. Route the hose to your holding tank or approved discharge system, ensuring it has a continuous downward slope to prevent blockages. Use double hose clamps on all connections below the waterline.
3. Verify all plumbing connections are secure and watertight.

4. Electrical Wiring:

1. Connect the toilet's positive (+) wire to a fused 12V DC power source. The fuse should be appropriately sized for the toilet's maximum current draw (refer to specifications).
2. Connect the toilet's negative (-) wire to a reliable ground point.
3. Install the flush control switch in a convenient, dry location. Wire the switch according to the provided wiring diagram (not provided in JSON, so general instruction).
4. Ensure all electrical connections are insulated and protected from corrosion.

5. Post-Installation Check:

- Turn on the water supply and electrical power.
- Perform several test flushes, checking for leaks at all connections and ensuring proper operation of the pump.
- Confirm that waste is effectively discharged.

OPERATING INSTRUCTIONS

Flushing the Toilet:

1. Ensure the water supply valve is open and electrical power is on.
2. Press and hold the flush button. Water will enter the bowl, and the macerator pump will activate to discharge waste.
3. Release the flush button once the bowl is clear and the desired water level is achieved.
4. For optimal performance and to prevent odors, always ensure there is sufficient water in the bowl after flushing.

Important Notes:

- Only use marine-specific toilet paper, which is designed to break down quickly.
- Avoid flushing anything other than human waste and marine-safe toilet paper. This includes sanitary products, paper towels, food scraps, and chemicals.
- If the toilet is not used for an extended period, flush with fresh water and then drain the system to prevent freezing or stagnant water issues.

MAINTENANCE

Regular maintenance will ensure the efficient and trouble-free operation of your SEAFLO marine toilet.

1. Cleaning:

- Clean the bowl regularly with a mild, non-abrasive toilet cleaner and a soft brush.
- Avoid using harsh chemicals, bleach, or abrasive cleaners, as these can damage the ceramic finish, seals, and pump components.
- Wipe down the exterior surfaces with a damp cloth.

2. Winterization (if applicable):

- Completely drain all water from the toilet and plumbing system to prevent freezing damage.
- Flush a non-toxic marine-grade antifreeze through the system according to the antifreeze manufacturer's instructions.

3. Periodic Checks:

- Inspect all hose connections for leaks and ensure clamps are tight.
- Check electrical wiring for corrosion or damage.
- Monitor flush performance; a decrease in efficiency may indicate a need for pump inspection.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Toilet does not flush / Pump does not run.	No power; Blown fuse; Loose wiring; Faulty switch; Motor issue.	Check power supply; Inspect and replace fuse; Tighten connections; Test switch; Contact support.
Weak flush / Incomplete waste removal.	Low water pressure; Blockage in discharge line; Worn impeller; Air leak in inlet.	Check water supply; Clear discharge line; Inspect/replace impeller; Check inlet hose and connections.
Leaks from connections.	Loose hose clamps; Damaged hoses; Improperly sealed fittings.	Tighten hose clamps; Replace damaged hoses; Re-seal fittings with marine sealant.

Problem	Possible Cause	Solution
Unpleasant odors.	Stagnant water in hoses; Holding tank issues; Inadequate flushing.	Flush thoroughly with fresh water; Use marine-grade odor control products in holding tank; Ensure proper ventilation.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact SEAFLO customer support.

SPECIFICATIONS

Model:	SFMTE1-01-R
Voltage:	12V DC
Material:	Vitreous China (Bowl), Stainless Steel (Components)
Installation Type:	Wall Mounted
Item Weight:	34 pounds (15.4 kg)
Product Dimensions (L x W x H):	21 x 16.75 x 16.5 inches (53.3 x 42.5 x 41.9 cm)
Flush Pump Flow:	18.9 Liters per Minute (Open Flow)

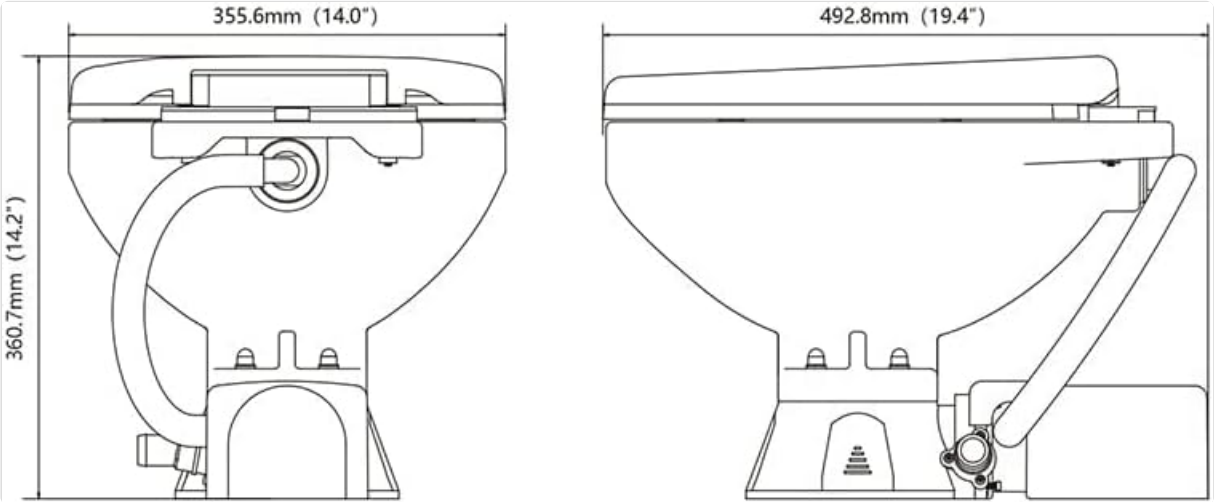


Image: Technical drawing showing the side and front dimensions of the SEAFLO 12V Electric Flush Marine Toilet (Model SFMTE1-01-R), with measurements in both millimeters and inches.

WARRANTY AND SUPPORT

SEAFLO products are manufactured to high-quality standards. For warranty information, technical support, or to order spare parts, please contact SEAFLO customer service.

Contact Information:

- Refer to the SEAFLO official website or your purchase documentation for the most current contact details.
- When contacting support, please have your product model number (SFMTE1-01-R) and purchase date available.

For more information, visit the official [SEAFLO Store on Amazon](#).