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Thetford 32327

THETFORD 32327 Holding Tank User Manual

Model: 32327 | Brand: Thetford

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1. INTRODUCTION

Welcome to the user manual for your Thetford 32327 Holding Tank. This manual provides essential information for the safe and efficient use of your RV waste water holding tank. Please read these instructions carefully before installation and operation to ensure proper function and longevity of the product.

The Thetford 32327 is a right-hand holding tank, part of the C400 series, specifically designed for recreational vehicles, ensuring proper waste management and sanitation.

2. SAFETY INFORMATION

WARNING: Improper installation, operation, or maintenance can cause property damage, personal injury, or death. Always follow local codes and regulations. This product is intended for use with RV waste water systems only.

2.1 General Safety Precautions

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling waste water systems.
- Ensure proper ventilation when working in enclosed spaces to prevent accumulation of hazardous gases.
- Do not ingest or allow skin contact with waste water or chemicals. Wash hands thoroughly after any contact.
- Keep all components and chemicals out of reach of children and pets.

2.2 Chemical Safety

- Use only RV-specific waste treatment chemicals. Household cleaners or chemicals can damage the tank or seals.
- Follow the chemical manufacturer's instructions for safe handling, dosage, and disposal.
- Never mix different chemical products unless explicitly stated by the manufacturers, as this can create dangerous reactions.

3. SETUP AND INSTALLATION

This section outlines the general steps for installing the Thetford 32327 Holding Tank. Due to the complexity and importance of proper waste system installation, professional installation by a qualified technician is highly recommended.

3.1 Pre-Installation Checklist

- Verify all components are present and undamaged upon receipt.
- Ensure adequate space and a proper, sturdy support structure within the RV chassis for the tank.
- Gather all necessary tools, sealants, clamps, and connection pipes before beginning installation.

3.2 Installation Steps

1. **Positioning:** Carefully position the holding tank in the designated location within the RV chassis. Ensure it is level and securely supported to prevent movement during travel.
2. **Ventilation Connection:** Connect the vent pipe to the tank's vent port. Ensure a clear, unobstructed path for gases to escape to the outside of the RV.
3. **Inlet Connection:** Connect the toilet discharge pipe to the tank's inlet port. Use appropriate seals and clamps to create a leak-proof connection.
4. **Outlet Connection:** Connect the drain valve assembly and discharge hose connection to the tank's outlet port. Ensure a tight, leak-proof connection using proper fittings and sealants.
5. **Sensor Installation (Optional):** If your RV system includes level sensors, install them according to their specific instructions and connect any associated wiring.
6. **Leak Test:** After all connections are made, fill the tank with clean water and thoroughly inspect all connections for any signs of leaks. Rectify any leaks immediately before proceeding.



This image displays the Thetford 32327 Holding Tank, a grey rectangular unit with distinct green accents for the inlet, outlet, and access points. It is equipped with wheels on one side for ease of movement and a handle for maneuvering. This is the primary product image for the holding tank.

4. OPERATION

Proper operation of your holding tank is crucial for maintaining hygiene, preventing odors, and ensuring the longevity of your RV's waste system.

4.1 Before Use

- Add a small amount of water (approximately 1-2 gallons or 4-8 liters) and the recommended amount of RV-specific waste treatment chemical to the empty holding tank via the toilet. This initial charge helps to break down waste, lubricate the system, and control odors from the start.

4.2 During Use

- Use only RV-safe toilet paper. Avoid household toilet paper, which is designed to be less soluble and can lead to clogs and sensor malfunctions in RV systems.
- Ensure the toilet flush mechanism is working correctly to allow waste to enter the tank efficiently and prevent blockages in the toilet drain.

4.3 Emptying the Holding Tank

1. **Locate Dump Station:** Park your RV at an approved dump station. Ensure the sewer hose can reach the inlet without excessive stretching or sharp bends.
2. **Connect Hose:** Securely connect your RV's sewer hose to the dump station inlet and then to the holding tank's outlet valve. Ensure all connections are tight to prevent leaks.
3. **Open Valve:** Open the black water (waste) tank valve first. Allow the tank to drain completely. It is generally recommended to drain the black tank before the grey tank (if applicable) to help rinse the hose.

4. **Rinse (Optional):** If your RV has a tank flush system, activate it to rinse the tank thoroughly. Alternatively, flush several gallons of clean water down the toilet to help rinse the tank.
5. **Close Valve:** Once the tank is empty and rinsed, close the black water tank valve securely.
6. **Disconnect Hose:** Disconnect the sewer hose, ensuring no spills. Rinse the hose if necessary and store it properly in a dedicated compartment.

5. MAINTENANCE

Regular and proper maintenance will significantly extend the life of your Thetford holding tank, prevent common issues, and ensure a pleasant RV experience.

5.1 Routine Cleaning

- After every emptying cycle, always add a fresh charge of water and the recommended amount of RV waste treatment chemical to the tank.
- Periodically flush the tank thoroughly with clean water, especially if using a tank flush system. This helps to remove residual waste and prevent buildup on tank walls and sensors.

5.2 Odor Control

- Use high-quality RV waste treatment chemicals as directed. These chemicals are designed to break down waste and neutralize odors.
- Ensure the vent pipe is clear and unobstructed. A blocked vent can lead to odors inside the RV.
- Keep the toilet bowl sealed when not in use to prevent tank odors from entering the living space.

5.3 Winterization

- Before storing your RV in freezing temperatures, completely empty and flush the holding tank.
- Add RV antifreeze to the tank through the toilet, following the antifreeze manufacturer's instructions for the appropriate quantity. This prevents freezing and potential damage to the tank and plumbing.

6. TROUBLESHOOTING

This section provides solutions for common issues you might encounter with your Thetford 32327 Holding Tank.

Common Issues and Solutions

Problem	Possible Cause	Solution
Persistent Odors	Insufficient chemical treatment, clogged vent, waste buildup on tank walls.	Increase chemical dosage, check vent for obstructions, perform a deep tank flush with a specialized cleaner.
Slow Draining	Waste buildup, clogged outlet, non-RV toilet paper causing blockages.	Perform a thorough tank flush, use a tank cleaning wand, ensure only RV-safe toilet paper is used. Consider a professional tank cleaning if severe.
Leaking Connections	Loose clamps, damaged seals, improper installation, cracked fitting.	Inspect all connections, tighten clamps, replace damaged seals, re-seal connections if necessary. If a crack is found, professional repair or replacement may be required.
Inaccurate Level Sensors	Waste buildup on sensors, faulty sensor.	Perform a thorough tank flush to clean sensors. If problem persists, sensors may need inspection or replacement.

7. SPECIFICATIONS

Technical details for the Thetford 32327 Holding Tank.

- **Model Number:** 32327
- **Brand:** Thetford
- **Product Dimensions:** Approximately 28.5 x 10.5 x 9.75 inches (72.4 x 26.7 x 24.8 cm)
- **Item Weight:** Approximately 5.82 pounds (2.64 kg)
- **Manufacturer Part Number:** 32327
- **ASIN:** B009E2RP3K
- **Type:** Right-Hand Holding Tank (C400 series)
- **Date First Available:** September 20, 2012

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support regarding your Thetford 32327 Holding Tank, please refer to the official Thetford website or contact their customer service directly. Specific warranty terms and conditions may vary based on your region and purchase date.

Thetford Contact Information:

- Official Thetford Website: www.thetford.com
- Refer to your original purchase documentation or the product packaging for specific warranty registration details and contact numbers.