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› Thetford 34100 Style Lite & Plus Water Valve Kit User Manual

Thetford 34100

Thetford 34100 Style Lite & Style Plus Water Valve Kit User Manual

Model: 34100

Brand: Thetford

PRODUCT OVERVIEW

The Thetford 34100 Style Lite & Style Plus Water Valve Kit is a genuine replacement part designed to restore proper water flow and prevent leaks in compatible Thetford RV toilets. This kit provides essential components for maintaining your toilet's water system.

Kit Contents



Image: The complete Thetford 34100 Water Valve Kit, showing the water valve assembly, a metal clamp, three mounting screws, and a large black closet flange seal.

- 1 - Replacement water valve assembly (Manufacturer 34312)
- 1 - Clamp (Manufacturer 19541)
- 3 - Mounting screws (Manufacturer 31053)
- 1 - Closet flange seal (Manufacturer 02125)
- 1 - Instruction sheet (Manufacturer 34101)

Compatibility

This water valve kit is specifically designed for use with Thetford Aqua-Magic Style Lite and Aqua-Magic Style Plus permanent china bowl toilets. Ensure your toilet model is compatible before proceeding with installation.

THETFORD WATER VALVE KIT

STYLE LITE® AND STYLE PLUS®



COMPATIBLE WITH
AQUA-MAGIC® STYLE PLUS AND
AQUA-MAGIC® STYLE LITE PERMANENT TOILETS



Image: The Thetford Water Valve Kit components displayed with text indicating compatibility with Aqua-Magic Style Lite and Style Plus permanent toilets.

INSTALLATION GUIDE

Proper installation of the water valve kit is crucial for optimal performance and to prevent leaks. It is recommended to turn off the water supply to the toilet before beginning any work.

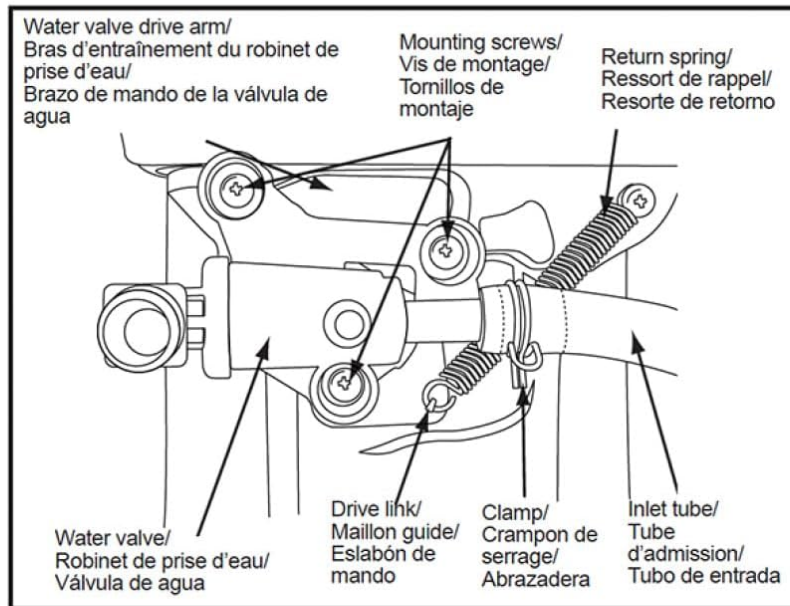
Required Tools

- Phillips head screwdriver
- Wrench
- Pliers
- Bucket or towels for water containment

Component Identification

KIT INCLUDES MOUNTING HARDWARE

MADE IN THE USA



RUN TESTED AND WATER TESTED
FOR PERFORMANCE

THETFORD

Image: A detailed diagram illustrating the various parts of the Thetford water valve assembly, including the water valve drive arm, mounting screws, return spring, inlet tube, water valve, drive link, and clamp.

Step-by-Step Installation

1. **Turn off Water Supply:** Locate and turn off the water supply valve leading to the RV toilet. Flush the toilet to relieve any remaining water pressure.
2. **Drain Water:** Place a bucket or towels under the toilet's water inlet connection to catch any residual water. Disconnect the water line from the existing valve.
3. **Remove Old Valve:** Carefully remove the screws or fasteners securing the old water valve assembly to the toilet. Detach the old valve.
4. **Prepare Mounting Area:** Clean the area where the new valve will be installed, ensuring it is free of debris or old sealant.
5. **Install New Valve Assembly:** Position the new water valve assembly (Manufacturer 34312) in place.
6. **Secure Valve:** Use the provided mounting screws (Manufacturer 31053) to secure the new valve assembly. Ensure it is firmly attached but do not overtighten.
7. **Attach Clamp:** If applicable, use the provided clamp (Manufacturer 19541) to secure any hoses or connections to the valve.
8. **Install Closet Flange Seal:** If replacing the toilet or re-sealing, install the new closet flange seal (Manufacturer 02125) between the toilet base and the floor flange.
9. **Reconnect Water Line:** Reconnect the water supply line to the new valve assembly. Ensure all

connections are tight to prevent leaks.

10. **Test for Leaks:** Slowly turn on the water supply to the toilet. Inspect all connections for any signs of leaks. Flush the toilet several times to verify proper operation and check for leaks during flushing.

OPERATION

Once installed, the Thetford water valve operates automatically to control the water flow into your RV toilet. When the flush lever is activated, the valve opens to allow water into the bowl for flushing and then closes to maintain the water level.

Ensure that your RV's water pump or city water connection is active and providing adequate pressure for the toilet to function correctly.

MAINTENANCE

Regular maintenance helps prolong the life of your water valve and prevents common issues.

- **Winterization:** In freezing temperatures, ensure the water system, including the toilet valve, is properly winterized to prevent damage from freezing water. This typically involves draining the system or using RV-specific antifreeze.
- **Leak Checks:** Periodically inspect the water valve and surrounding connections for any signs of leaks. Address small drips promptly to prevent larger issues.
- **Cleaning:** Keep the exterior of the valve clean. Avoid using harsh chemicals that could damage plastic components.

TROUBLESHOOTING

Common Problems and Solutions

Problem	Solution
Water Leakage: Water dripping from or around the valve.	• Inspect all connections for tightness. • Check the valve body for visible cracks or damage, especially if exposed to freezing temperatures. • Ensure the closet flange seal is properly seated and not damaged. • If the valve itself is cracked or continuously leaking, replacement is necessary.
No Water Flow to Toilet: Toilet does not fill or flushes weakly.	• Verify that the RV's water supply (pump or city water) is active and providing pressure. • Check for kinks or obstructions in the water supply line leading to the toilet. • Inspect the valve for internal blockages or debris. • If the valve mechanism is faulty, it may need replacement.

Problem	Solution
Valve Failure After Short Use: Valve breaks or malfunctions shortly after installation.	• Ensure proper installation without overtightening components. • Verify that the water pressure in your RV system is within acceptable limits for the toilet. High pressure without a regulator can stress components. • Contact Thetford customer support for assistance if the part is defective.

PRODUCT SPECIFICATIONS

Specification	Detail
Manufacturer	Thetford
Brand	Thetford
Model	Style Light & Style Plus Toilet Water Module Assembly
Item Weight	3.87 ounces
Product Dimensions	9 x 6.75 x 2.5 inches
Country of Origin	USA
Item Model Number	34100
Manufacturer Part Number	34100
OEM Part Number	34100

WARRANTY AND SUPPORT

Thetford products are manufactured to high standards and are typically covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty details, including duration and coverage, please refer to the documentation included with your purchase or visit the official Thetford website.

For technical assistance, troubleshooting beyond this guide, or to inquire about replacement parts, please contact Thetford customer support directly. You can find contact information on their official website or through the [Thetford Store on Amazon](#).