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### Valterra T1020-1

# USA 3-inch Waste Water Bayonet Cap with Grey Water Drain User Manual

Model: T1020-1 | Brand: Valterra

## INTRODUCTION

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This manual provides detailed instructions for the proper use, installation, and maintenance of the Valterra T1020-1 3-inch Waste Water Bayonet Cap with Grey Water Drain. Designed for compatibility with USA 3-inch drainage systems, this product ensures secure sealing and efficient grey water discharge. Please read this manual thoroughly before installation and operation to ensure safety and optimal performance.

## PRODUCT OVERVIEW

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**Figure 1:** Valterra T1020-1 3-inch Waste Water Bayonet Cap. This image shows the black bayonet cap with the Valterra logo, featuring a smaller, integrated cap for grey water drainage and a retaining strap.

The Valterra T1020-1 is a robust 3-inch bayonet-style cap designed for sealing waste water outlets in RVs and other applications utilizing USA 3-inch drainage systems. It features an additional, smaller cap specifically for grey water discharge, allowing for convenient and separate drainage of grey water without needing to remove the main cap. The main bayonet closure measures approximately 9.7 cm (3.8 inches) in diameter. This product is made from durable plastic and is lightweight, weighing approximately 69 grams.

- **USA 3-inch Sewer Hose Cover:** Specifically designed for 3-inch US standard sewer systems.
- **Bayonet Closure:** Ensures a secure and leak-proof connection.
- **Integrated Grey Water Drain:** Features an extra, smaller cap for convenient grey water discharge.
- **Durable Construction:** Made from high-quality plastic for longevity.

## SPECIFICATIONS

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<b>Model Number</b>	T1020-1
<b>Brand</b>	Valterra (Manufacturer) / Generisch (Listed Brand)
<b>Material</b>	Plastic
<b>Color</b>	Grey (Product description states grey, image shows black)
<b>Main Connection Size</b>	3 inches (76 mm)
<b>Bayonet Closure Diameter</b>	Approx. 9.7 cm (3.8 inches)
<b>Compatibility</b>	USA 3-inch drainage systems
<b>Weight</b>	69 grams (approx. 0.15 lbs)
<b>Package Dimensions</b>	24.4 x 14.8 x 5.8 cm (approx. 9.6 x 5.8 x 2.3 inches)

## SETUP AND INSTALLATION

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1. **Inspect Components:** Before installation, ensure all parts of the bayonet cap are present and free from damage. Check the integrity of the main cap and the smaller grey water cap.
2. **Prepare Connection Point:** Ensure the 3-inch waste water outlet on your RV or drainage system is clean and free of debris.
3. **Align Bayonet Lugs:** Align the lugs on the Valterra T1020-1 cap with the corresponding slots on your 3-inch waste water outlet.
4. **Twist to Secure:** Push the cap onto the outlet and twist clockwise until it locks securely into place. A firm, snug fit is essential to prevent leaks.
5. **Verify Seal:** Gently pull on the cap to ensure it is firmly attached and does not easily come loose.
6. **Grey Water Cap:** The smaller cap for grey water drainage is pre-attached. Ensure it is securely closed when not in use.

**Note:** This product is designed for USA 3-inch drainage systems. Ensure compatibility with your existing setup before installation. The smaller grey water drain is not suitable for black water (fecal) discharge.

## OPERATING INSTRUCTIONS

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### To Drain Grey Water:

1. Ensure the main 3-inch bayonet cap is securely attached to the waste water outlet.
2. Position a suitable container or hose under the grey water drain spout.
3. Unscrew the smaller grey water cap by turning it counter-clockwise.
4. Allow the grey water to drain completely.
5. Once drainage is complete, screw the grey water cap back on tightly to prevent leaks and odors.

### To Access Main Waste Water Outlet:

1. Ensure a proper waste disposal hose is connected to the main waste water outlet (if applicable) or a suitable receptacle is in place.
2. Twist the Valterra T1020-1 bayonet cap counter-clockwise to unlock it from the outlet.
3. Carefully remove the cap.
4. After completing waste water discharge, re-attach the cap by aligning the lugs and twisting clockwise until secure.

## MAINTENANCE

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- **Regular Cleaning:** Periodically clean the cap and its sealing surfaces with mild soap and water. Rinse thoroughly.
- **Inspect Seals:** Regularly check the rubber seals (if present) on both the main bayonet cap and the grey water cap for cracks, wear, or damage. Replace if necessary to ensure a leak-proof seal.
- **Lubrication:** A thin layer of silicone lubricant can be applied to the bayonet lugs and seals to ensure smooth operation and extend their lifespan.
- **Storage:** When not in use for extended periods, store the cap in a clean, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
<b>Leakage from main cap</b>	Cap not fully secured; Damaged seal; Debris on sealing surface.	Ensure cap is twisted fully and locked. Inspect and clean the seal and connection point. Replace seal if damaged.
<b>Leakage from grey water cap</b>	Cap not tightened; Damaged seal.	Tighten the grey water cap securely. Inspect and replace the seal if damaged.
<b>Cap difficult to attach/remove</b>	Lugs or slots are dirty; No lubrication; Misalignment.	Clean the bayonet lugs and slots. Apply a thin layer of silicone lubricant. Ensure proper alignment before twisting.

## WARRANTY AND SUPPORT

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Specific warranty information for the Valterra T1020-1 is typically provided by the retailer or manufacturer at the time of purchase. Please refer to your purchase documentation for details regarding warranty coverage and terms.

For technical support or inquiries regarding this product, please contact the manufacturer, Valterra, or your authorized dealer. Contact information can usually be found on the product packaging or the

manufacturer's official website.

*Note: As per the provided data, the product is listed under a generic brand ("Generisch") but manufactured by Valterra. For specific support, it is recommended to seek out Valterra's official support channels.*