Eridanus B0DS1SDJJ1

Eridanus Concealed Toilet Tank Carrier System for Wall-Hung Toilets (Fits 2x4 Studs)

Instruction Manual

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Eridanus In-Wall Toilet Tank Carrier System. This system is designed to conceal the toilet tank within the wall, providing a clean and modern aesthetic for wall-hung toilets. It features a robust frame, a dual-flush mechanism (0.8 GPF / 1.6 GPF), and is specifically engineered to fit 2x4 stud walls.
Please read this manual thoroughly before beginning installation to ensure proper function and safety. Retain this manual for future reference.

2. Safety Information

WARNING: Improper installation can lead to water damage, product failure, or personal injury. If you are unsure about any part of the installation process, consult a qualified professional plumber or contractor.

- Always wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- Ensure the water supply is turned off before beginning any plumbing work.
- Verify that the wall structure can adequately support the weight of the toilet and user. This carrier system is designed for 2x4 stud walls.
- Check all connections for leaks after installation and before finishing the wall.
- Do not overtighten fasteners, as this can damage components.
- Keep small parts out of reach of children.

3. Package Contents

Carefully unpack all components and verify that all items listed below are present and undamaged. If any parts are missing or damaged, contact Eridanus customer support immediately.

- In-wall toilet tank carrier system
- Dual-flush actuator plate (Brushed Stainless Steel)
- Rough-In Box
- Pipe Clamp
- Discharge Elbow
- Silicone Grease
- Carrier Fixings Kit
- Flush & Drain Pipes
- Protection Plugs
- Toilet Fill Valve Pipe Adapter
- Installation Instruction Manual



Figure 3.1: Package Contents. An exploded view showing all components included in the package, such as the carrier and tank, rough-in box, pipe clamp, silicone grease, flush and drain pipes, protection plugs, carrier fixings kit, flush plate installation kit, mounting stud, and protection foam.

4. Specifications

Feature	Detail
Brand	Eridanus
Model	B0DS1SDJJ1 (Fits 2x4 Studs)
Installation Method	Wall-Mounted
Flush Volume	Dual Flush: 0.8 GPF (Gallons Per Flush) / 1.6 GPF
Frame Material	Stainless Steel
Maximum Weight Capacity	880 lbs
Adjustable Frame Height	0-200mm (approximately 0-8 inches)
Actuator Plate Material	Brushed Stainless Steel

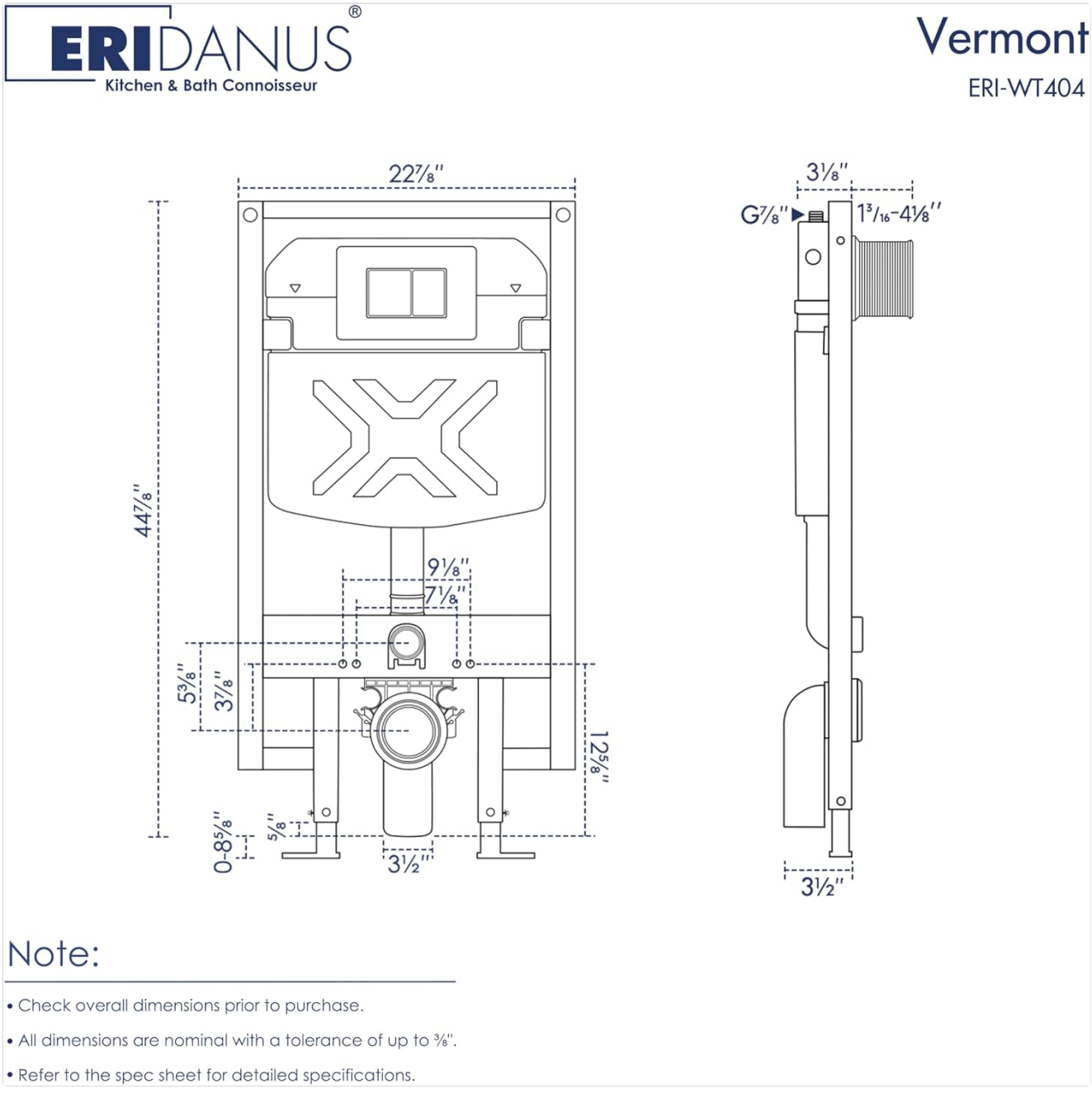


Figure 4.1: Dimensional Drawing. A technical drawing showing the dimensions of the Eridanus in-wall toilet tank carrier, including

height, width, and depth measurements for installation planning. Note: Check overall dimensions prior to purchase. All dimensions are nominal with a tolerance of up to 3/8 inch. Refer to the spec sheet for detailed specifications.



Figure 4.2: System Features. An illustration pointing out key features of the in-wall carrier system, such as dual-flush for water conservation (0.8/1.6 GPF), large capacity concealed water tank (2.2 GAL), brushed stainless steel actuator plate for long-lasting use, stainless steel frame with a maximum weight capacity of 880 lbs, adjustable height between 0 and 8 3/4 inches, and compatibility with 2x4 wall stud construction (for residential use).

5. Setup and Installation

This section outlines the steps for installing the Eridanus In-Wall Toilet Tank Carrier System. Ensure you have all necessary tools and materials before starting.

5.1 Pre-Installation Checks

- Confirm wall type: This system is designed for 2x4 stud walls.
- Verify rough-in dimensions for your chosen wall-hung toilet bowl (not included).
- Ensure adequate space for maintenance access to the tank.

5.2 Mounting the Carrier Frame

1. **Positioning:** Determine the desired height for your wall-hung toilet. Mark the center line and the desired top height of the carrier frame on the wall.
2. **Secure to Floor:** Affix the carrier's feet to the floor using the pre-drilled holes and appropriate fasteners from the Carrier Fixings Kit. Adjust the height as needed using the adjustable feet.
3. **Secure to Wall Studs:** Bolt the carrier frame securely to the wall studs utilizing the pre-drilled holes on the frame. For additional stability, optional metal brackets located at the top can be used to mount the frame to the wall. Ensure the frame is level and plumb.



Figure 5.1: Secure Installation. This diagram illustrates how the carrier frame is mounted to the wall using metal brackets (optional, located at the top), bolted securely to wall studs through pre-drilled holes, and affixed to the floor via pre-drilled holes on the feet. Mounting bolts are included.

5.3 Plumbing Connections

4. **Water Supply:** Connect the water supply line to the fill valve inside the tank. Ensure all connections are tight to prevent leaks.
5. **Drainage:** Install the discharge elbow and flush/drain pipes according to your wall-hung toilet's specifications. Use silicone grease on seals for a watertight connection.
6. **Rough-In Box:** Install the rough-in box for the actuator plate, ensuring it is flush with the finished wall surface.

5.4 Wall Finishing and Toilet Installation

7. **Wall Finishing:** Once the carrier and plumbing are secure and tested, finish the wall (e.g., drywall, tile) around the installed system, leaving access for the actuator plate and toilet connections.
8. **Actuator Plate Installation:** Install the dual-flush actuator plate onto the rough-in box.
9. **Toilet Bowl Installation:** Mount the wall-hung toilet bowl (purchased separately) onto the carrier's mounting studs and connect the flush and drain pipes. Ensure a secure and watertight fit.

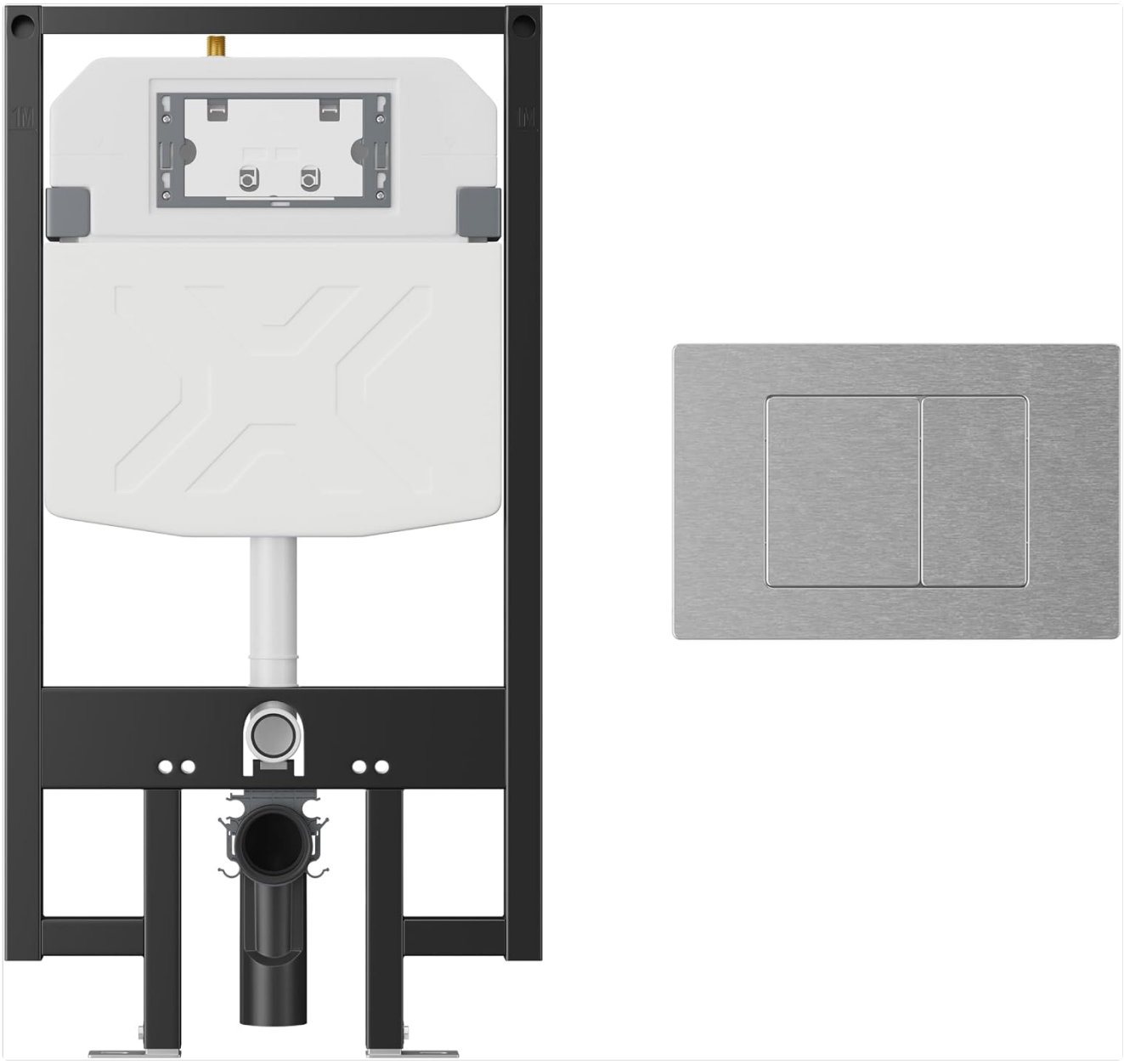


Figure 5.2: System Overview. An overview of the Eridanus in-wall toilet tank carrier system, including the metal frame, concealed tank, and the brushed stainless steel dual-flush actuator plate, ready for wall finishing and toilet bowl installation.

5.5 Installation Video Guide

For a visual step-by-step guide, please refer to the official installation video below:

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Video 5.1: Wall Hung Toilet Installation Guide. This video provides a step-by-step visual guide for the installation of a wall-hung toilet tank carrier system, demonstrating key procedures for mounting, connecting plumbing, and preparing for the wall-hung toilet bowl.

6. Operating Instructions

The Eridanus In-Wall Toilet Tank Carrier System features a dual-flush actuator plate, allowing for water conservation.

- **Full Flush (1.6 GPF):** Press the larger button on the actuator plate for a full flush, typically used for solid waste.
- **Half Flush (0.8 GPF):** Press the smaller button on the actuator plate for a half flush, typically used for liquid waste, saving water.

7. Maintenance

The Eridanus In-Wall Toilet Tank Carrier System is designed for accessible maintenance.

- **Actuator Plate Access:** The actuator plate can be easily removed to access the internal components of the tank for maintenance or repairs.
- **Cleaning:** Clean the actuator plate with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals that could damage the finish.
- **Internal Components:** Periodically inspect the fill valve and flush valve for proper operation. If issues arise, refer to the troubleshooting section or consult a professional.

8. Troubleshooting

Below are common issues and their potential solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Toilet not flushing or weak flush	Low water level in tank, clogged flush valve, or issue with actuator mechanism.	Check water supply, adjust fill valve, inspect flush valve for obstructions, ensure actuator rods are correctly engaged.
Continuous running water	Faulty fill valve or flush valve seal.	Inspect and clean or replace fill valve components. Check and replace flush valve seal if worn.
Leaks around connections	Loose connections, damaged seals, or improper pipe fitting.	Tighten connections, replace damaged seals, ensure pipes are correctly seated and sealed with silicone grease.

9. Warranty Information

Eridanus products are manufactured to high-quality standards. For specific warranty details regarding your In-Wall Toilet Tank Carrier System, please refer to the warranty card included with your purchase or visit the official Eridanus website. Typically, Eridanus offers a 1-year part replacement warranty.

10. Customer Support

If you require assistance with installation, troubleshooting, or have questions about your Eridanus In-Wall Toilet Tank Carrier System, please contact our customer support team. You can find contact information on the Eridanus website or through your retailer. Eridanus aims to provide 24-hour customer assistance and offers lifetime service for its products.

Online Resources: For additional information, product registration, and FAQs, please visit theEridanus Store on Amazon.

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