

## Swiss Madison SM-WT450

# Swiss Madison Ivy SM-WT450 Wall Hung Toilet User Manual

Model: SM-WT450

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Swiss Madison Ivy SM-WT450 Wall Hung Toilet. The Ivy wall hung toilet bowl is designed to save space and enhance bathroom aesthetics with its sleek, seamless design. Its concealed carrier tank allows for easy access to plumbing through the actuator plate, ensuring a clean and modern appearance.

## 2. KEY FEATURES

- **Dual Flush System:** High-performance gravity dual flush with 0.8 / 1.28 gallons per flush (gpf) for water efficiency.
- **Carrier Compatibility:** Compatible with all standard carrier brands.
- **Adjustable Height:** Allows for height adjustment from 15 to 19 inches during installation.
- **Durable Material:** Constructed from one-piece porcelain for a seamless and easy-to-clean design.
- **Soft-Close Seat:** Slymm soft-close quick-release seat closes gently and quietly, preventing slamming.
- **Elongated Bowl:** Offers added room and comfort for users.
- **Complete Hardware:** All necessary bolts and screws for installation are included with the toilet bowl.

## 3. REQUIRED COMPONENTS (SOLD SEPARATELY)

Please note that the following essential components are **not included** with the Ivy SM-WT450 Wall Hung Toilet and must be purchased separately:

- **Concealed Tank System:** An in-wall tank system (e.g., 2x4 or 2x6 carrier) is required for installation.
- **Wall Actuator Plate:** A dual-flush wall actuator plate (e.g., SM-WC001) is needed to operate the flush mechanism.

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Figure 3.1: Illustration of the Ivy Wall-Hung Toilet and its separately sold required components.

## 4. PRODUCT OVERVIEW



Figure 4.1: Front-side view of the Ivy SM-WT450.



Figure 4.2: Front view of the Ivy SM-WT450.



Figure 4.3: Side view of the Ivy SM-WT450.



Figure 4.4: Ivy SM-WT450 in a modern bathroom.



Figure 4.5: Key features: Dual Flush, Space Saving, and Weight Capacity.



Figure 4.6: Key features: Soft Close Seat, Adjustable Height, and Elongated Bowl.

## 5. DIMENSIONS

The Swiss Madison Ivy SM-WT450 Wall Hung Toilet features compact dimensions designed for space efficiency while maintaining comfort.

- **Depth:** 20.65 inches
- **Width:** 14.75 inches
- **Height:** 13.6 inches



Figure 5.1: Dimensional drawing of the Ivy SM-WT450.

## 6. INSTALLATION GUIDELINES

Installation of the Ivy SM-WT450 Wall Hung Toilet requires a compatible in-wall tank system and wall actuator plate (sold separately). It is recommended that installation be performed by a qualified professional to ensure proper function and adherence to local plumbing codes.

### 6.1 Pre-Installation Checks

- Ensure all required components (toilet bowl, concealed tank, wall actuator) are present and undamaged.
- Verify that the wall structure is adequate to support the weight of the toilet and user, as per the carrier system's specifications.
- Confirm water supply and drainage connections are correctly positioned according to the in-wall carrier system's requirements.

### 6.2 Mounting the Toilet Bowl

1. After the in-wall tank system is securely installed and finished with wall material, attach the mounting bolts to the carrier frame.
2. Carefully align the toilet bowl with the mounting bolts and push it onto the wall.
3. Secure the toilet bowl using the provided washers and nuts, ensuring a snug fit without overtightening to prevent damage to the ceramic.
4. Connect the water supply and waste outlet to the corresponding connections on the toilet bowl.

# Commercial vs Residential



## SM-WC424

The 2x4 in-wall toilet tank carrier is to be installed on 4" studs which makes it the perfect system for residential homes.



## SM-WC426

The 2x6 in-wall toilet tank carrier is to be installed on 6" studs which makes it the perfect system for commercial homes.

Figure 6.1: Installation diagram for the Ivy SM-WT450.

## 7. OPERATING INSTRUCTIONS

The Ivy SM-WT450 features a dual-flush system, operated by the wall actuator plate. This system allows you to choose between two flush volumes to conserve water.

- **Partial Flush (0.8 gpf):** Press the smaller button on the wall actuator plate for liquid waste.
- **Full Flush (1.28 gpf):** Press the larger button on the wall actuator plate for solid waste.

Ensure the water supply to the concealed tank is open for proper operation.

## 8. MAINTENANCE

### 8.1 Cleaning the Toilet Bowl

- Use a soft cloth and a non-abrasive bathroom cleaner.
- Avoid harsh chemicals, abrasive pads, or cleaners containing bleach, as these can damage the ceramic surface.

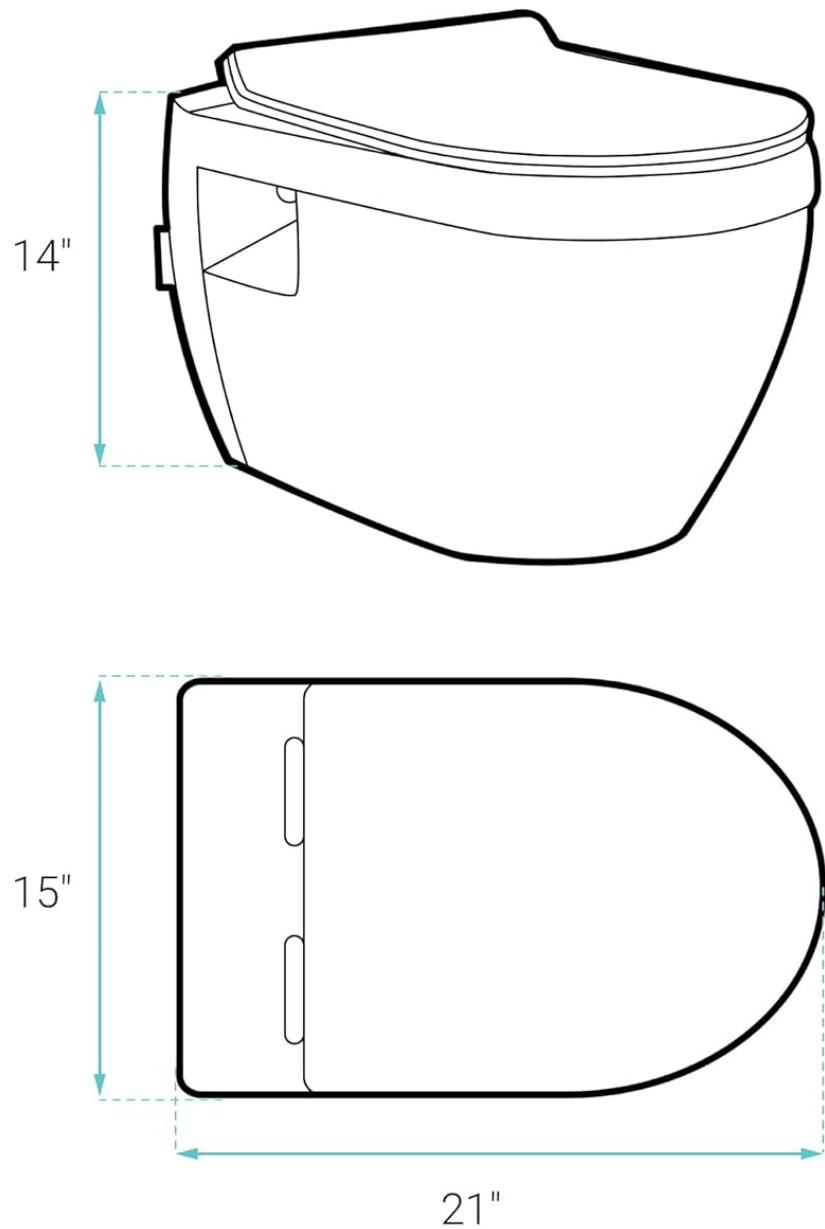
- Rinse thoroughly with water after cleaning.

## 8.2 Removing the Quick-Release Seat

The Slymm soft-close seat is designed for quick release to facilitate thorough cleaning.

1. Locate the two release buttons or tabs near the hinges at the back of the seat.
2. Press these buttons simultaneously and lift the seat straight up to detach it from the toilet bowl.
3. Clean the seat and the toilet bowl mounting area separately.
4. To reattach, align the seat hinges with the mounting posts and press down until it clicks securely into place.

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SM-WT450



Figure 8.1: Soft-close quick-release seat mechanism.

## 9. TROUBLESHOOTING

If you encounter issues with your Ivy SM-WT450 Wall Hung Toilet, consider the following common troubleshooting steps:

- **Weak Flush:** Check the water supply valve to the concealed tank to ensure it is fully open. Verify that the flush volume settings on the in-wall carrier are correctly adjusted.
- **Continuous Running Water:** This often indicates an issue with the fill valve or flush valve inside the concealed tank. Access the tank via the actuator plate to inspect and adjust or replace components as needed.
- **Leaking:** Inspect all connections for tightness. If leaks persist, consult a professional plumber.
- **Loose Seat:** Ensure the quick-release seat is properly clicked into its mounting posts. If the posts themselves are loose, they may need to be tightened from the underside of the toilet bowl.

For complex issues or if you are unsure about any step, it is advisable to contact a qualified plumber or Swiss Madison customer support.

## 10. SPECIFICATIONS

Attribute	Specification
Model Number	SM-WT450
Color	Glossy White
Product Dimensions (D x W x H)	20.65" x 14.75" x 13.6"
Material (Bowl)	Ceramic
Material (Seat)	Plastic
Item Weight	48 Pounds
Installation Type	Wall Mounted
Shape	Oblong
Flush Type	Dual (0.8 / 1.28 gpf)
Adjustable Height Range	15 to 19 inches
UPC	810015320709

## 11. WARRANTY AND SUPPORT

### 11.1 Limited Warranty

The Swiss Madison Ivy SM-WT450 Wall Hung Toilet is covered by a **1 Year Limited Warranty**. This warranty covers manufacturing defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

### 11.2 Customer Support




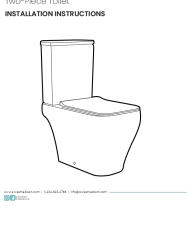
For technical assistance, warranty inquiries, or to order replacement parts, please contact Swiss Madison







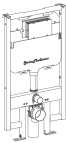





customer support. Refer to the official Swiss Madison website or your purchase documentation for current contact information.

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Related Documents - SM-WT450

	<p><a href="#">Swiss Madison 10" Rough-In One-Piece Toilet Installation Instructions</a></p> <p>Detailed installation guide for the Swiss Madison 10" Rough-In One-Piece Toilet, including parts, tools, step-by-step instructions, and warranty information.</p>
	<p><a href="#">Swiss Madison Monaco Wall-Hung Toilet System with Dual-Flush Actuator and Concealed Tank</a></p> <p>Explore the Swiss Madison Monaco Wall-Hung Toilet, a space-saving and modern bathroom solution. This system includes the sleek Monaco toilet (SM-WT460), the versatile Dual-Flush Flush Actuator (SM-WC001Z) available in multiple finishes, and the Fantôme M 2x4 Concealed Tank Carrier System (SM-WC424) for a clean, in-wall installation. Discover features, specifications, included parts, and compatible components for a complete bathroom upgrade.</p>
	<p><a href="#">Swiss Madison SM-WC427 Wall-Hung Carrier System Installation Guide</a></p> <p>Comprehensive installation instructions for the Swiss Madison SM-WC427 Concealed In-Wall Toilet Tank Carrier System, including parts list, tools, and step-by-step guidance.</p>
	<p><a href="#">Swiss Madison Two-Piece Toilet Installation Guide and Warranty</a></p> <p>Comprehensive installation instructions and one-year limited warranty information for the Swiss Madison Two-Piece Toilet. Includes parts list, tools required, step-by-step assembly, and seat installation.</p>

<div><div>INSTALLATION INSTRUCTIONS</div><div></div><div>Calice Two-Piece Elongated Rear Outlet Toilet SM-2T120</div><div></div><div></div><div>www.swissmadison.com   1-800-424-7362   info@swissmadison.com</div></div>	<p><a href="#">Swiss Madison Calice Two-Piece Toilet Installation Guide</a></p> <p>Comprehensive installation instructions for the Swiss Madison Calice Two-Piece Elongated Rear Outlet Toilet (SM-2T120). Includes parts list, tools, and step-by-step guidance for a successful setup.</p>
<div><div>Wall-Hung Carrier System INSTALLATION INSTRUCTIONS</div><div></div><div>Residential Concealed In-Wall Toilet Tank Carrier System for Wall-Hung Toilets SM-WC424</div><div></div><div></div><div>www.swissmadison.com   1-800-424-7362   info@swissmadison.com</div></div>	<p><a href="#">Swiss Madison SM-WC424 Wall-Hung Carrier System Installation Instructions</a></p> <p>Comprehensive installation guide for the Swiss Madison SM-WC424 Wall-Hung Carrier System, detailing steps for mounting, plumbing, and final toilet installation. Includes safety precautions and warranty information.</p>