TOTO ST413M-12

TOTO ST413M-12 Aqua Tank with Dual Max Flushing System Instruction Manual

Model: ST413M-12 | Brand: TOTO

Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your TOTO ST413M-12 Aqua Toilet Tank. This product features the TOTO Dual-Max flushing system, designed for efficient water usage with two flushing options. Please read this manual thoroughly before proceeding with installation or use to ensure optimal performance and longevity of your product.

The TOTO Dual-Max flushing system allows for selection of appropriate water usage, offering both a light flush (0.9 GPF) and a full flush (1.6 GPF) to optimize water conservation without compromising performance. This tank is designed to be paired with a compatible TOTO toilet bowl (sold separately).

Setup and Installation

Before You Begin

- Ensure all necessary components, including tank trim and coupling components, are present.
- Confirm you have the appropriate tools for toilet installation (e.g., wrench, screwdriver, level).
- Turn off the water supply to the toilet area before beginning any installation.
- Inspect the tank for any visible damage prior to installation.

Installation Steps

1. Carefully unpack the TOTO ST413M-12 Aqua Tank and its components.
2. Position the tank onto the compatible TOTO toilet bowl (sold separately), ensuring proper alignment with the bolt holes.
3. Secure the tank to the toilet bowl using the provided coupling components, tightening bolts evenly to prevent cracking. Do not overtighten.
4. Connect the water supply line to the tank's fill valve. Ensure a watertight seal.
5. Slowly turn on the water supply and allow the tank to fill. Check for any leaks around the connections and the tank base.

6. Test the flushing mechanism to ensure proper operation.



A front-facing view of the TOTO ST413M-12 Aquia toilet tank in Sedona Beige, featuring the chrome push-button flush mechanism on the top lid. This image illustrates the external appearance of the tank.

Operating the Dual Max Flushing System

The TOTO ST413M-12 Aquia Tank is equipped with a Dual-Max flushing system, controlled by a chrome push-button located on the top of the tank lid. This system offers two distinct flush volumes:

- **Light Flush (0.9 Gallons per Flush):** Press the smaller section of the chrome push-button for a reduced water volume flush, suitable for liquid waste.
- **Full Flush (1.6 Gallons per Flush):** Press the larger section of the chrome push-button for a full water volume flush, suitable for solid waste.

Always ensure the button is fully depressed and released for proper flushing action.

Maintenance

Cleaning

- Clean the exterior of the tank with a soft cloth and a mild, non-abrasive cleaner.
- Avoid using harsh chemicals, abrasive pads, or cleaners containing bleach, as these can damage the finish.
- For the chrome push-button, wipe with a damp cloth and dry immediately to prevent water spots.

Inspection

- Periodically check the water supply line and tank connections for any signs of leaks.
- Ensure the flush mechanism operates smoothly and the tank refills correctly after each flush.
- Inspect the internal components for wear and tear, especially the flapper or flush valve seal.

Troubleshooting

Problem	Possible Cause	Solution
Weak or Incomplete Flush	Low water level in tank, obstructed flush valve, or partially closed water supply valve.	Check water level and adjust fill valve if necessary. Ensure water supply valve is fully open. Inspect flush valve for obstructions.
Tank Runs Continuously	Flapper/flush valve seal not seating properly, fill valve malfunction, or float ball/cup out of adjustment.	Inspect flapper/flush valve seal for debris or wear and replace if needed. Adjust float mechanism to ensure proper water level.
Leaks at Tank Base	Loose tank bolts, worn tank-to-bowl gasket, or cracked tank.	Tighten tank bolts evenly (do not overtighten). Replace tank-to-bowl gasket. If tank is cracked, replacement is necessary.
Slow Tank Refill	Partially closed water supply valve, clogged fill valve, or low water pressure.	Ensure water supply valve is fully open. Clean or replace fill valve if clogged. Check household water pressure.

Specifications

Feature	Detail
Manufacturer	TOTO
Model Number	ST413M-12
Part Number	ST413M#12
Item Weight	35 pounds
Package Dimensions	60 x 34 x 14 inches
Color	Sedona Beige

Feature	Detail
Flushing System	Dual-Max
Water Consumption	1.6 Gallons per Flush (Full) / 0.9 Gallons per Flush (Light)
Included Components	Tank trim and coupling components
Flush Button	Chrome push-button

Warranty Information

The TOTO ST413M-12 Aquia Tank is covered by a **One Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific terms, conditions, and limitations of the warranty, please refer to the official warranty document provided with your purchase or contact TOTO customer support.

Customer Support

If you require further assistance, have questions regarding installation, operation, or maintenance, or need to address a warranty claim, please contact TOTO customer support. Refer to the contact information provided on the TOTO official website or in your product packaging for the most current support details.

For additional resources and product information, you may visit the official TOTO website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question