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> American Standard TU353508.013 Townsend Bathtub Faucet and Shower Trim Kit User Manual

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Model: TU353508.013

1. INTRODUCTION

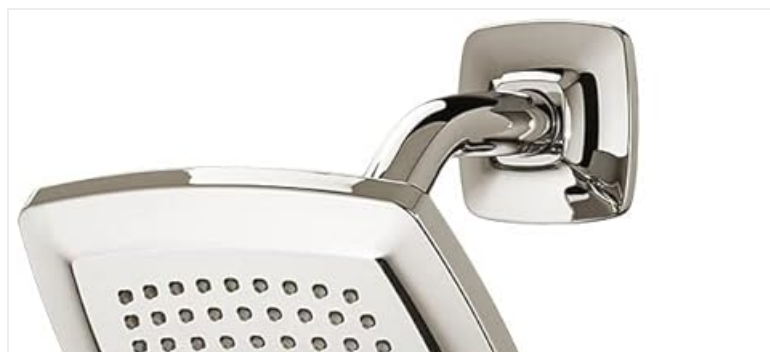
This manual provides detailed instructions for the installation, operation, and maintenance of your American Standard Townsend Bathtub Faucet and Shower Trim Kit. Please read all instructions carefully before beginning installation to ensure proper function and to prevent injury or damage. Keep this manual for future reference.

Safety Information

- Always turn off the main water supply before installing or servicing the faucet.
- Wear appropriate personal protective equipment, such as safety glasses, during installation.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Ensure all local plumbing and building codes are met.

2. PRODUCT OVERVIEW

The American Standard Townsend Bathtub Faucet and Shower Trim Kit, model TU353508.013, features a design inspired by vintage industrial aesthetics, offering a blend of character and craftsmanship. This kit is finished in Polished Nickel and includes a water-saving shower head with a 1.75 GPM flow rate.





The complete Townsend Bathtub Faucet and Shower Trim Kit, featuring a square shower head, single-handle control, and bathtub spout, all in a polished nickel finish.

Key Features

- **Vintage Industrial Design:** The Townsend Collection offers a distinctive aesthetic that complements various bathroom styles.
- **Double Ceramic Pressure Balance Cartridge:** Ensures consistent water temperature, provides anti-scald protection, and offers smooth, reliable operation. Ceramic material resists mineral deposits and harsh water conditions.
- **Water-Saving Shower Head:** Features a maximum flow rate of 1.75 gallons per minute (6.6 liters per minute), contributing to water conservation without compromising performance.
- **Durable Finish:** Tarnish- and scratch-resistant Polished Nickel finish for lasting beauty.
- **Integrated Components:** Includes bathtub faucet with slip-on diverter tub spout, shower arm and flange, shower head, and metal lever handle.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation. If any parts are missing or damaged, do not proceed with installation and contact American Standard customer service.

- Townsend Shower Head (1.75 GPM)
- Shower Arm and Flange
- Bathtub Faucet with Slip-On Diverter Tub Spout
- Metal Lever Handle
- Pressure Balance Cartridge (pre-installed in trim kit)
- Installation Guide

Note: The Flash Shower Rough-in Valve is **required** for installation and is sold separately. This trim kit is designed to be installed without the rough-in valve included.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your American Standard Townsend Faucet. Refer to the included Installation Guide for detailed diagrams and step-by-step instructions. The following provides a general overview and highlights key considerations.

Pre-Installation Steps

1. **Turn Off Water Supply:** Locate the main water shut-off valve for your home and turn it off.
2. **Clear Work Area:** Ensure the installation area is clean and free of debris.
3. **Gather Tools:** You will need standard plumbing tools, including a pipe wrench, adjustable wrench, screwdriver, thread sealant tape, and possibly a level.
4. **Rough-in Valve Installation:** If not already installed, install the American Standard Flash Shower Rough-in Valve (sold separately) according to its specific instructions. This trim kit is designed to fit this valve.

Trim Kit Installation

Once the rough-in valve is securely installed and tested, proceed with installing the trim components:

- **Install Shower Arm and Flange:** Apply thread sealant tape to the shower arm threads and screw it into the wall elbow. Slide the flange against the wall.

- **Install Shower Head:** Attach the shower head to the shower arm, ensuring a tight, leak-free connection.
- **Install Bathtub Spout:** Secure the slip-on diverter tub spout to the stub-out pipe from the wall.
- **Install Handle Trim:** Follow the instructions for attaching the escutcheon plate and the metal lever handle to the rough-in valve. Ensure the handle operates smoothly and aligns correctly with temperature indicators.



An illustration demonstrating the thin wall installation method for the Flash valve, showing locking cam screws and self-centering hole guides for precise alignment.



A diagram outlining various connection options for the Flash valve, including Universal, CPVC, PEX, and Stub-Out connections.

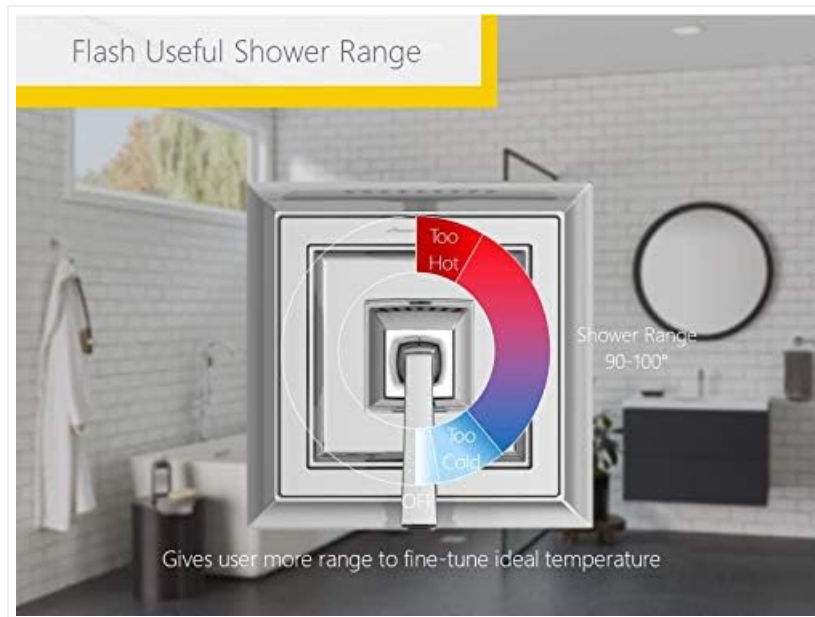
5. OPERATING INSTRUCTIONS

The American Standard Townsend Faucet features a single lever handle for controlling both water flow and temperature.

Water Flow and Temperature Control

1. **Turn On/Off:** Lift the lever handle to turn on the water. Push the lever down to turn off the water.
2. **Adjust Temperature:** Rotate the lever handle counter-clockwise for hotter water and clockwise for colder water. The pressure balance cartridge will maintain a consistent temperature even with fluctuations in water pressure.
3. **Diverter Spout:** To divert water from the bathtub spout to the shower head, pull up on the knob located on the

bath tub spout. Push it down to return water to the spout.



A diagram showing the temperature adjustment range of the Flash valve, indicating how to fine-tune the ideal water temperature between 90-100 degrees Fahrenheit.

Anti-Scald Protection

Your faucet is equipped with an anti-scald device (temperature limit stop) within the cartridge. This feature is factory-set to a safe maximum temperature. If you need to adjust the maximum hot water temperature, refer to the detailed instructions in the separate Flash Shower Rough-in Valve manual or consult a professional plumber. Adjusting this setting typically requires removing the handle and escutcheon.

6. MAINTENANCE

Regular cleaning and maintenance will help preserve the finish and functionality of your American Standard Townsend Faucet.

Cleaning the Finish

- Use only a soft, damp cloth to clean the polished nickel finish.
- Avoid abrasive cleaners, harsh chemicals, or polishes, as these can damage the finish and void the warranty.
- Wipe surfaces dry after cleaning to prevent water spots.

Shower Head Maintenance

- Periodically clean the spray nozzles of the shower head to remove mineral buildup. Many American Standard shower heads feature flexible nozzles that can be easily wiped clean with your finger or a soft brush.
- If water flow becomes restricted, the shower head may need to be unscrewed and soaked in a solution of white vinegar and water to dissolve mineral deposits. Rinse thoroughly before reattaching.

7. TROUBLESHOOTING

If you encounter issues with your faucet, refer to the following common problems and solutions. For more complex issues, contact American Standard customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Low water flow from shower head or spout	Mineral buildup in shower head nozzles; partially closed shut-off valve; debris in cartridge.	Clean shower head nozzles. Ensure main water supply and any in-line shut-off valves are fully open. Clean or replace cartridge if necessary (consult professional).
Water temperature too hot or too cold	Temperature limit stop needs adjustment; hot/cold water supply issues.	Adjust the temperature limit stop on the rough-in valve (refer to rough-in valve manual). Check hot and cold water supply lines for blockages or pressure issues.
Faucet leaks from handle or spout	Loose connections; worn O-rings or seals in cartridge.	Ensure all connections are tight. If leaking persists, the cartridge may need to be replaced. Contact American Standard support or a plumber.
Diverter not working correctly	Debris in diverter mechanism; worn diverter seal.	Clean the diverter mechanism. If the issue persists, the diverter may need replacement.

8. SPECIFICATIONS

Detailed technical specifications for the American Standard Townsend Bathtub Faucet and Shower Trim Kit.

Feature	Specification
Brand	American Standard
Model Number	TU353508.013
Color	Polished Nickel
Material	Metal (Brass Handle)
Finish Type	Polished
Number of Handles	1
Item Weight	5.74 Pounds
Mounting Type	Wall Mount
Shower Head Size	6 inches
Flow Rate	1.75 GPM (Gallons Per Minute)
Installation Method	Wall-Mounted
Required Rough-in Valve	American Standard Flash Shower Rough-in Valve (Sold Separately)

9. WARRANTY AND SUPPORT

Warranty Information

This American Standard product is backed by a **Limited Lifetime Warranty**. This warranty covers defects in material and workmanship for as long as the original consumer purchaser owns the home in which the product is installed. For full terms and conditions, please refer to the warranty documentation included with your product or visit the official American Standard website.

Customer Support

If you have any questions regarding the installation, operation, maintenance, or warranty of your American Standard Townsend Bathtub Faucet and Shower Trim Kit, please contact American Standard customer service. Contact information can typically be found on the American Standard website or in the packaging materials.