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› [GROHE Grohtherm 1000 2-Handle Thermostatic Shower Valve Trim \(Model 34150003\) User Manual](#)

## GROHE 34150003

# GROHE Grohtherm 1000 2-Handle Thermostatic Shower Valve Trim

Model: 34150003

User Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your GROHE Grohtherm 1000 2-Handle Thermostatic Shower Valve Trim. Please read these instructions carefully before installation and use, and retain them for future reference.



Figure 1: The GROHE Grohtherm 1000 2-Handle Thermostatic Shower Valve Trim, featuring a sleek Starlight Chrome finish and two control handles.

## 2. SAFETY INFORMATION

- Installation must be performed by a qualified professional in accordance with local plumbing and building codes.
- Ensure the main water supply is turned off before beginning any installation or maintenance work.
- Do not use abrasive cleaners or solvents on the chrome finish, as this may damage the surface.
- The thermostatic valve is designed to prevent scalding; however, always test water temperature before use, especially for children or individuals with sensitive skin.

- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

## 3. PRODUCT FEATURES

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The GROHE Grohtherm 1000 Thermostatic Shower Valve Trim incorporates advanced technologies for comfort and safety:

- **GROHE StarLight:** Durable and radiant chrome finish.
- **GROHE CoolTouch:** Ensures the faucet body never gets too hot to touch.
- **GROHE TurboStat:** Delivers water at desired temperature within a fraction of a second and keeps it constant.
- **GROHE EcoJoy:** Reduces water consumption without compromising performance.
- **MetalGrip Ergonomic Handle:** For comfortable and precise control.
- **SafeStop at 100°F / 38°C:** A safety stop button prevents accidental temperature increases beyond 38°C (100°F).
- **EcoButton:** Adjustable economy stop for water-saving.
- Integrated mixed water shut-off.
- Ceramic headpart 1/2", 180°.
- Built-in non-return valves and dirt strainers.
- Protected against backflow.
- Wall-mounted installation.

## 4. SETUP AND INSTALLATION

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This product is a trim kit and requires a compatible GROHE rough-in valve (sold separately) for complete installation. Installation should be carried out by a qualified plumber.

### 4.1 Pre-Installation Checks

- Verify that all components listed in the packaging are present and undamaged.
- Ensure the existing plumbing is compatible with the valve trim.
- Confirm that the water supply lines are flushed to remove any debris.

### 4.2 Installation Steps (Overview)

1. Turn off the main water supply.
2. Install the rough-in valve body according to its specific instructions (if not already installed).
3. Attach the S-unions (1/2" NPT) to the wall connections, ensuring they are level and correctly spaced.
4. Mount the main body of the thermostatic trim onto the S-unions.
5. Connect the shower bottom outlet (1/2").
6. Install the handles and escutcheons, ensuring proper alignment and secure fastening.
7. Turn on the main water supply and check for leaks.
8. Calibrate the thermostatic element if necessary (refer to the detailed instructions provided with the rough-in valve or the trim kit for precise calibration steps).

*Note: Detailed diagrams and specific torque settings are provided in the full installation guide included with your product. Always consult these for precise instructions.*

## 5. OPERATING INSTRUCTIONS

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The Grohtherm 1000 features two handles for controlling water flow and temperature.

### 5.1 Temperature Control

- The left handle controls the water temperature.
- Rotate the handle to adjust the temperature. The default safety stop is set at 100°F (38°C).
- To exceed 100°F (38°C), press the SafeStop button on the handle and continue rotating.
- The GROHE TurboStat technology ensures a constant water temperature, even with fluctuations in water pressure.

### 5.2 Flow Control

- The right handle controls the water flow rate.
- Rotate the handle to increase or decrease the water volume.
- The EcoButton allows for a reduced flow rate for water saving. Press the EcoButton to bypass this stop and achieve maximum flow.

## 6. MAINTENANCE

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### 6.1 Cleaning the Finish

- Clean the GROHE StarLight chrome finish with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for chrome fixtures.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.
- Avoid using abrasive sponges, scouring pads, or cleaners containing alcohol, ammonia, or phosphoric acid, as these can damage the finish.

### 6.2 Filter Maintenance

- The valve includes dirt strainers to protect the thermostatic cartridge. If water flow decreases or temperature regulation becomes inconsistent, these strainers may need cleaning.
- Consult a qualified plumber for cleaning or replacing internal components. Always turn off the water supply before any internal maintenance.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Inconsistent water temperature	Dirt strainers clogged; Thermostatic cartridge needs calibration or replacement.	Clean dirt strainers. Recalibrate the thermostatic cartridge. If issues persist, contact a plumber.
Low water flow	Dirt strainers clogged; Water pressure issues; EcoButton engaged.	Clean dirt strainers. Check household water pressure. Disengage EcoButton for maximum flow.
Leaks from the trim	Loose connections; Damaged seals/gaskets.	Ensure all connections are tightened correctly (do not overtighten). Inspect and replace any damaged seals or gaskets. Consult a plumber.

Problem	Possible Cause	Solution
Water too hot/cold, cannot adjust	Thermostatic cartridge not calibrated correctly; SafeStop engaged.	Recalibrate the thermostatic cartridge. Ensure SafeStop button is pressed when adjusting above 38°C (100°F).

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact GROHE customer support or a qualified plumber.

## 8. SPECIFICATIONS

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**Brand:** GROHE

**Model Name:** 34150003

**Style:** 34150

**Finish Type:** CHROME (Starlight Chrome)

**Material:** Metal

**Number of Handles:** 2

**Mounting Type:** Wall Mount

**Installation Type:** Wall Mounted

**Product Dimensions:** Approximately 16.14 x 4.72 x 3.15 inches

**Item Weight:** Approximately 1 pound (16 ounces)

**Recommended Uses:** Bathroom

**Included Components:** Shower Faucet Grohtherm Thermostatic Valve Trim (Note: Rough-in valve sold separately)

## 9. WARRANTY INFORMATION

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This GROHE product is covered by a **limited warranty**. For specific details regarding the terms, conditions, and duration of your warranty, please refer to the warranty card included with your product or visit the official GROHE website. Proof of purchase is required for all warranty claims.

## 10. CUSTOMER SUPPORT

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For further assistance, technical support, or to inquire about replacement parts, please contact GROHE customer service. You can find contact information on the official GROHE website or through your local distributor.

**Website:** [www.grohe.com](http://www.grohe.com)