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> [GROHE Grohtherm 800 Cosmopolitan Thermostatic Bath Mixer Tap 34770000 User Manual](#)

**GROHE 34770000**

# GROHE Grohtherm 800 Cosmopolitan Thermostatic Bath Mixer Tap - Model 34770000

User Manual

## 1. IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before installation and use. Keep this manual for future reference. Installation should 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.
- Verify that all connections are secure and watertight to prevent leaks.
- The thermostatic mixer is designed to maintain a constant water temperature. However, always test the water temperature before use, especially for children or individuals with sensitive skin.
- Do not use abrasive cleaners or solvents on the chrome surface, as this may damage the finish.

## 2. PRODUCT OVERVIEW

The GROHE Grohtherm 800 Cosmopolitan thermostatic bath mixer tap provides precise temperature control and a comfortable bathing experience. It features an ergonomic design and durable GROHE StarLight chrome finish.



Image 2.1: GROHE Grohtherm 800 Cosmopolitan Thermostatic Bath Mixer Tap. This image shows the main unit of the bath mixer tap, highlighting its sleek chrome finish and dual control handles.

### Key Features:

- **GROHE TurboStat:** Ensures constant water temperature regardless of pressure fluctuations.
- **GROHE SafeStop:** Safety lock at 38°C to prevent accidental scalding.
- **GROHE SafeStop Plus:** Optional temperature limit stop at 43°C for enhanced safety.
- **GROHE StarLight:** Durable and easy-to-clean chrome finish.
- **GROHE EcoButton:** Volume handle with an economy stop for water saving.
- Integrated mixed water shut-off and built-in backflow preventer.

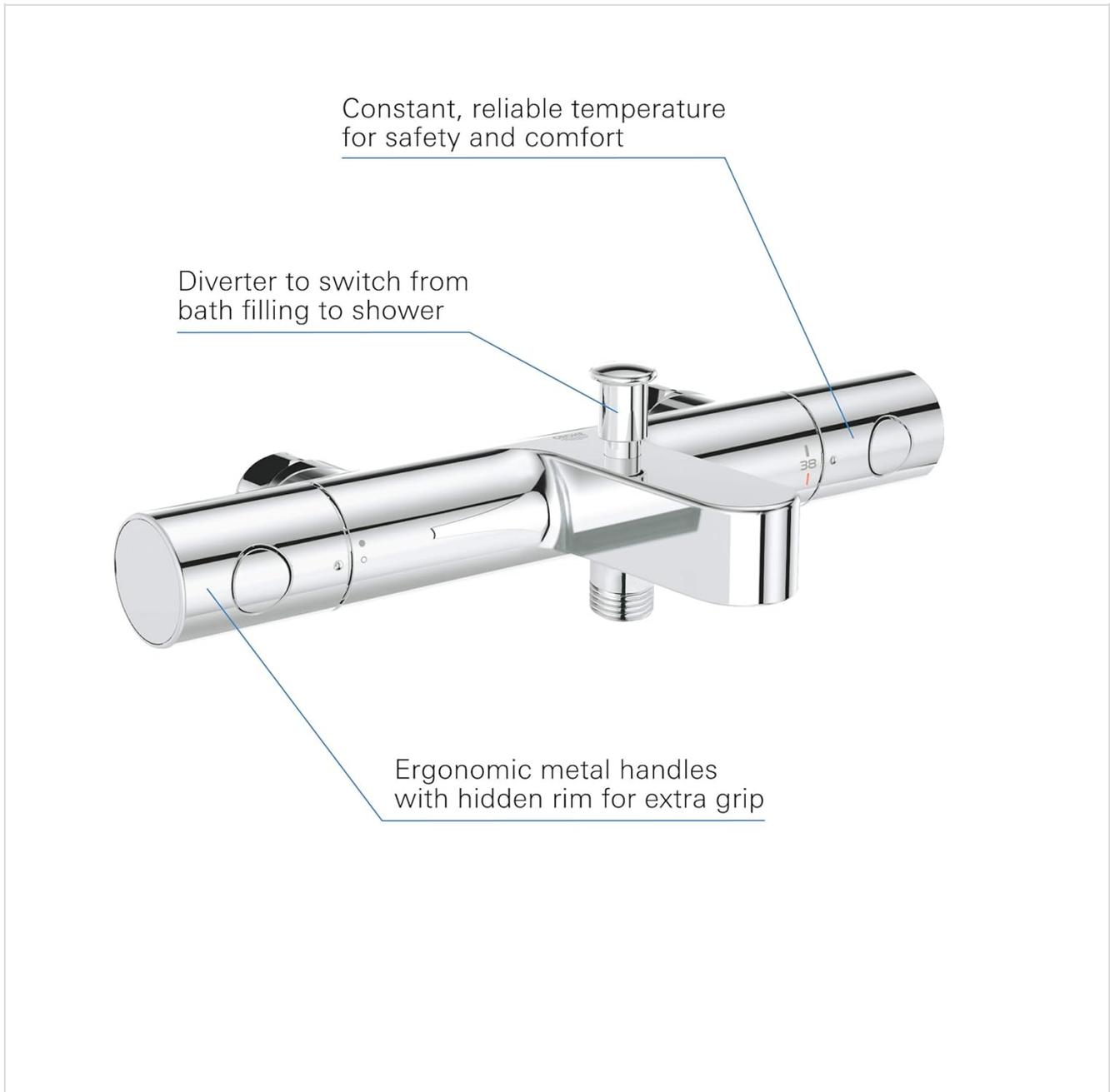


Image 2.2: Key features of the GROHE Grotherm 800 Cosmopolitan. This image illustrates the ergonomic metal handles, the diverter for switching between bath and shower, and the constant temperature control for safety and comfort.

### 3. INSTALLATION INSTRUCTIONS

This thermostatic bath mixer tap is designed for wall mounting and does not include connections. Ensure you have the necessary plumbing and wall unions (not supplied) for installation.

#### 3.1. Before You Begin

- Gather all necessary tools: adjustable wrench, pipe sealant tape, spirit level, measuring tape.
- Ensure the hot water supply is on the left and cold water supply is on the right, as viewed from the front.
- Flush the water pipes thoroughly to remove any debris before connecting the tap.

### 3.2. Wall Mounting Steps

1. Install the wall unions (not supplied) at the desired height, ensuring they are level and the correct distance apart (typically 150mm center-to-center).
2. Apply pipe sealant tape to the threads of the wall unions.
3. Attach the S-unions (if applicable, not supplied with this unit) to the wall unions, adjusting them to ensure the correct spacing and alignment for the mixer tap.
4. Place the rosettes (cover plates) over the S-unions.
5. Carefully attach the thermostatic mixer tap to the S-unions, tightening the nuts evenly with an adjustable wrench. Do not overtighten.
6. Turn on the main water supply and check for leaks.
7. Calibrate the thermostat if necessary (refer to the operating instructions for initial temperature setting).



Image 3.1: GROHE Grohtherm 800 Cosmopolitan Thermostatic Bath Mixer Tap installed in a bathroom setting. This image shows the mixer tap mounted on a wall above a bathtub, connected to a shower hose and head.



Image 3.2: Wider view of the GROHE Grohtherm 800 Cosmopolitan installed in a modern bathroom. This image provides context for the tap's placement relative to the bathtub and surrounding environment.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Temperature Control

The right handle controls the water temperature. Rotate the handle to adjust the temperature. The safety stop at 38°C (GROHE SafeStop) prevents accidental scalding. To exceed 38°C, press the button on the handle and continue rotating. An optional 43°C limit (GROHE SafeStop Plus) can be set during installation for additional safety.

### 4.2. Flow Control and Diverter

The left handle controls the water flow and acts as a diverter. Rotate the handle to increase or decrease the water flow. To switch between the bath spout and the shower outlet, pull the handle outwards. The GROHE EcoButton allows you to set an individual saving stop for reduced water consumption.

## 5. MAINTENANCE AND CARE

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Regular cleaning and maintenance will ensure the longevity and optimal performance of your GROHE Grohtherm 800 Cosmopolitan tap.

### 5.1. Cleaning the Surface

Clean the GROHE StarLight chrome surface with a soft cloth and mild soap or a specialized non-abrasive cleaner designed for chrome finishes. Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots. Avoid using abrasive sponges, scouring agents, or cleaners containing alcohol, acid, or ammonia.

### 5.2. Dirt Trap Sieves

The mixer tap includes dirt trap sieves to protect the thermostatic cartridge from impurities in the water supply. If you experience reduced flow, these sieves may need cleaning. Turn off the water supply, carefully remove the tap, and clean the sieves under running water. Reinstall the tap and check for leaks.

## 6. TROUBLESHOOTING

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If you encounter issues with your thermostatic bath mixer tap, refer to the following common problems and solutions:

- **No hot or cold water:** Check if the main water supply valves are fully open. Ensure the hot and cold water lines are connected correctly.
- **Temperature fluctuations:** This could indicate issues with water pressure or the thermostatic cartridge. Ensure the water supply pressure is stable. If the problem persists, the cartridge may need cleaning or replacement by a professional.
- **Reduced water flow:** Check the dirt trap sieves for blockages (see Section 5.2). Also, inspect the shower head or bath spout for limescale buildup.
- **Leaks from the tap:** Turn off the water supply immediately. Check all connections for tightness. If a leak persists from the tap body, it may indicate a manufacturing defect or internal component issue, requiring professional inspection.
- **Temperature not reaching desired level:** The thermostatic cartridge may need recalibration or replacement. Consult a professional plumber.

## 7. TECHNICAL SPECIFICATIONS

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<b>Brand</b>	GROHE
<b>Model Number</b>	34770000
<b>Color</b>	Chrome
<b>Material</b>	Ceramic (cartridge)
<b>Finish Type</b>	Polished (GROHE StarLight)
<b>Number of Handles</b>	2
<b>Product Dimensions</b>	13.39 x 7.28 x 4.33 inches
<b>Weight</b>	5.13 Pounds

<b>Safety Features</b>	GROHE SafeStop (38°C), GROHE SafeStop Plus (optional 43°C)
<b>Water Saving</b>	GROHE EcoJoy technology, EcoButton

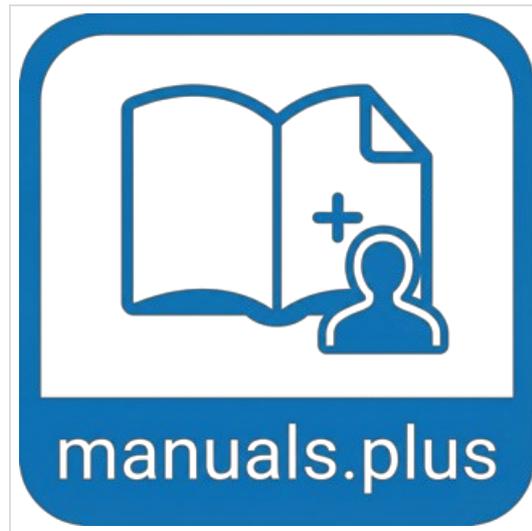


Image 7.1: Technical drawing showing the dimensions of the GROHE Grohtherm 800 Cosmopolitan Thermostatic Bath Mixer Tap. All measurements are in millimeters unless otherwise specified.

## 8. WARRANTY AND CUSTOMER SUPPORT

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### 8.1. Warranty Information

GROHE products are manufactured to the highest standards and come with a manufacturer's warranty. For detailed information regarding the warranty period and terms applicable to your Grohtherm 800 Cosmopolitan Thermostatic Bath Mixer Tap, please refer to the official GROHE website or the warranty card included with your product. Keep your proof of purchase for warranty claims.

### 8.2. Customer Support

If you require further assistance, have questions about installation, operation, or need to report a fault, please contact GROHE customer support. Contact details can typically be found on the official GROHE website or in the packaging materials.