

## GROHE 34276000

# Grohe Grohtherm 3000 Cosmopolitan Thermostatic Bath/Shower Mixer

Model: 34276000 - User Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Grohe Grohtherm 3000 Cosmopolitan Thermostatic Bath/Shower Mixer, Model 34276000. Please read these instructions carefully before installation and use, and retain them for future reference.

## 2. SAFETY INFORMATION

- **Professional Installation:** Installation should only be carried out by a qualified plumber or trained professional in accordance with local plumbing and building regulations.
- **Water Supply:** Ensure the main water supply is turned off before commencing any installation or maintenance work.
- **Hot Water Safety:** Thermostatic mixers are designed to prevent scalding. However, always test the water temperature before use, especially when children or individuals with reduced physical, sensory, or mental capabilities are present. The mixer features a 38°C safety stop to prevent accidental temperature increases.
- **Water Pressure:** Ensure your water system meets the minimum and maximum operating pressure requirements specified in the technical data.
- **Damage Prevention:** Do not use abrasive cleaners or solvents on the chrome finish, as this can cause damage.

## 3. PRODUCT OVERVIEW

The Grohe Grohtherm 3000 Cosmopolitan is a wall-mounted thermostatic mixer designed for both bath and shower applications. It combines modern design with advanced technology to provide a comfortable and safe water experience.

### Key Features:

- **Grohe TurboStat:** Ensures constant water temperature regardless of fluctuations in water pressure.
- **Grohe CoolTouch:** The mixer body remains cool to the touch, preventing accidental scalding.
- **AquaDimmer:** Provides intuitive control for switching between bath spout and shower outlet, and also regulates water flow.
- **Grohe StarLight Chrome Finish:** A durable and lustrous chrome surface that resists scratches and tarnishing, maintaining its shine over time.
- **SafeStop:** A safety button set at 38°C to prevent users from inadvertently increasing the water temperature too high.



This image displays the Grohe Grohtherm 3000 Cosmopolitan thermostatic mixer from a frontal perspective, showcasing its chrome finish and ergonomic design. The temperature control handle with the 38°C safety stop is visible on the left, and the flow control/diverter handle is on the right.



An angled view of the Grohe Grohtherm 3000 Cosmopolitan mixer, providing a clearer look at both the temperature adjustment handle on the left and the water flow and diverter control on the right. The sleek chrome surface reflects light, emphasizing its modern aesthetic.

## 4. SETUP (INSTALLATION)

For optimal performance and safety, professional installation is strongly recommended. Ensure all local plumbing codes and regulations are followed.

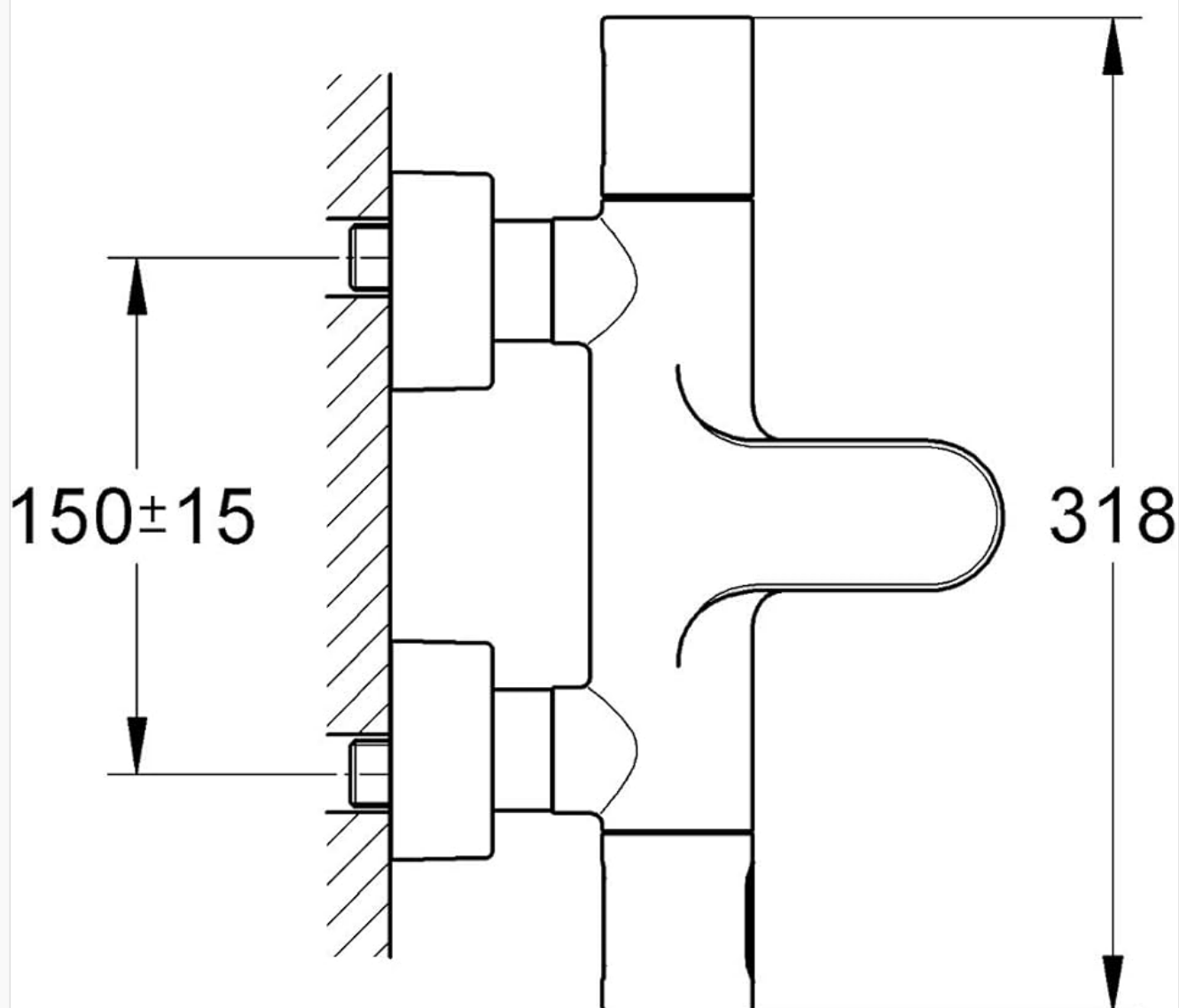
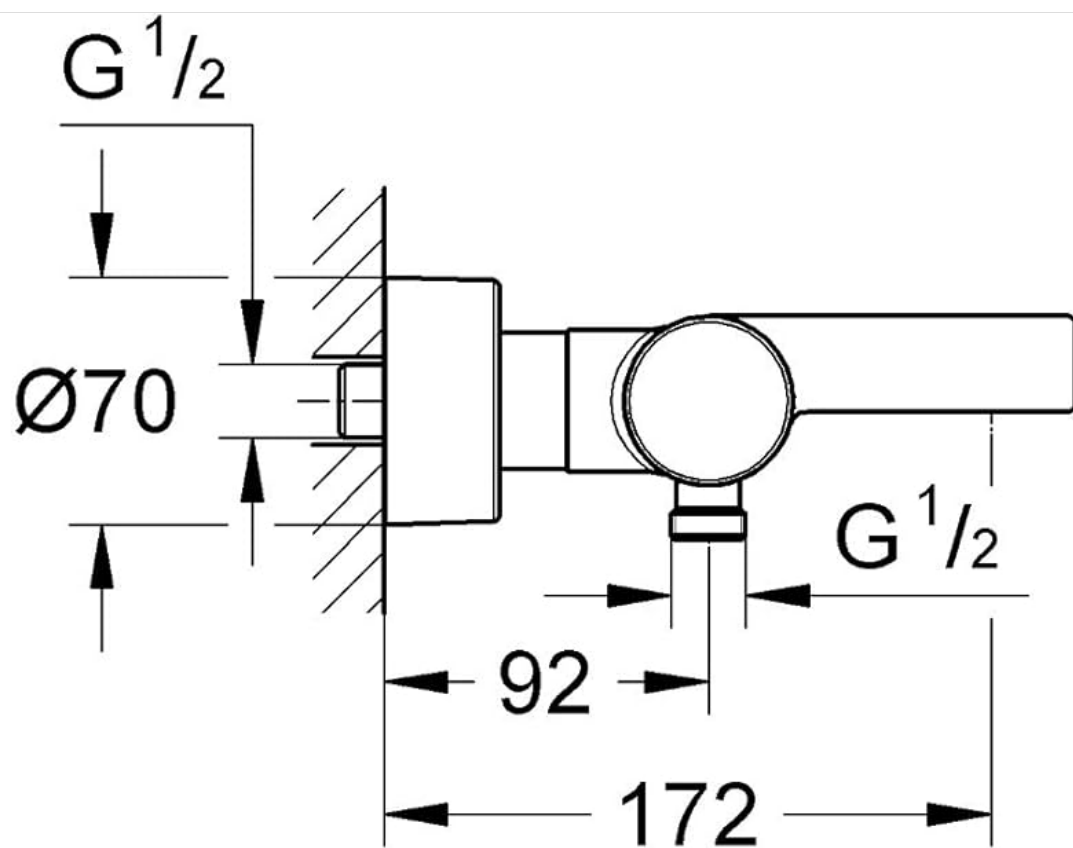
### Pre-Installation Steps:

1. Turn off the main water supply to the installation area.
2. Flush the water pipes thoroughly to remove any debris or impurities that could affect the mixer's performance.
3. Verify that the hot water inlet is on the left and the cold water inlet is on the right, as viewed from the front of the mixer.

4. Ensure the center distance between the hot and cold water pipes is 150mm (with a tolerance of  $\pm 15$ mm).

### **Mounting:**

- The mixer is designed for wall-mounted installation.
- Use appropriate wall fixings suitable for your wall type to securely mount the mixer.
- Connect the mixer to the G 1/2 water supply lines. Ensure all connections are watertight.
- After installation, slowly turn on the main water supply and check for any leaks.



This technical diagram provides precise measurements and installation details for the Grohe Grohtherm 3000 Cosmopolitan mixer. Key dimensions include the 150mm ± 15mm center distance for water inlets, G 1/2 connections, and overall product depth and height, essential for proper installation planning.

## 5. OPERATING INSTRUCTIONS

Your Grohe Grohtherm 3000 Cosmopolitan mixer is designed for ease of use and precise control.

### Temperature Control:

1. The left handle controls the water temperature.
2. Rotate the handle to adjust the temperature. The **SafeStop** button is set at 38°C (100°F) to prevent accidental scalding.
3. To select a temperature higher than 38°C, press and hold the SafeStop button while rotating the handle further.
4. The **Grohe TurboStat** technology ensures that your selected temperature remains constant throughout your bath or shower.

### Water Flow and Diverter Control:

1. The right handle controls the water flow and acts as the diverter **AquaDimmer**).
2. Rotate the handle to increase or decrease the water flow.
3. To switch between the bath spout and the shower outlet, pull the handle outwards. Push it back in to return to the bath spout.



This image shows the Grohe Grohtherm 3000 Cosmopolitan mixer actively dispensing water. Water is seen flowing from the integrated bath spout and also from a connected shower hose, demonstrating its dual functionality for both bath filling and showering.



A child's hand is gently touching the Grohe Grohtherm 3000 Cosmopolitan mixer, highlighting the CoolTouch safety feature which prevents the mixer body from heating up, thus protecting against accidental scalding. The 38°C safety stop on the temperature handle is also visible.

## 6. MAINTENANCE

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Regular cleaning and maintenance will ensure the longevity and optimal performance of your Grohe mixer.

### Cleaning the Finish:

- Clean the Grohe StarLight chrome finish with a soft cloth and mild soap or a specialized cleaner designed for chrome fixtures.
- Avoid abrasive sponges, scouring pads, or cleaners containing alcohol, acids, or abrasive particles, as these can damage the surface.
- Rinse thoroughly with clean water after cleaning and dry with a soft cloth to prevent water spots.

### Thermostatic Cartridge:

- In areas with hard water, mineral deposits can affect the performance of the thermostatic cartridge over time.
- If you notice inconsistent temperature control, it may be necessary to descale or replace the thermostatic cartridge. This procedure should be performed by a qualified professional.

### Checking for Leaks:

- Periodically inspect all connections for any signs of leaks. Tighten connections if necessary, but do not overtighten.

## 7. TROUBLESHOOTING

If you encounter issues with your Grohe Grohtherm 3000 Cosmopolitan mixer, refer to the following common problems and solutions. For complex issues, contact a qualified plumber.

Problem	Possible Cause	Solution
No hot or cold water	Water supply turned off; blocked inlet filters.	Check main water supply. Clean or replace inlet filters (professional assistance recommended).
Inconsistent water temperature	Thermostatic cartridge malfunction; pressure fluctuations.	Recalibrate or replace thermostatic cartridge (professional assistance recommended). Grohe TurboStat should minimize pressure fluctuation effects.
Low water flow	Blocked aerator/shower head; clogged filters; low water pressure.	Clean aerator/shower head. Check and clean inlet filters. Verify adequate water pressure.
Leaks from connections	Loose connections; damaged seals.	Ensure connections are tight. Replace worn or damaged seals (professional assistance recommended).

## 8. SPECIFICATIONS

Brand	GROHE
Model Number	34276000
Product Dimensions	39 x 20 x 10 cm
Item Weight	39.3 g (Note: This weight is as provided in product data and may refer to a component, not the full mixer.)
Color	Chrome
Finish	Chrome
Material	Brass (mixer body), Metal (handle/lever)
Installation Method	Wall-mounted
Application	Bath/Shower
Number of Handles	1
Number of Holes	1
Handle/Lever Placement	Central
Special Functions	Water-saving system
Components Included	GROHE 34276000 - Grohtherm 3000 Cosmopolitan Thermostat for bathtub with shower outlet

## 9. WARRANTY INFORMATION



This Grohe product is covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and registration, please refer to the warranty card included with your product or visit the official Grohe website.

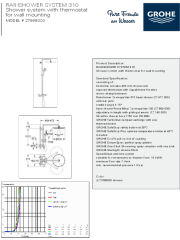
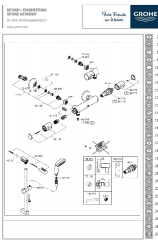
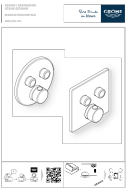
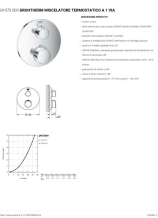
## 10. SUPPORT

Should you require further assistance with installation, operation, or troubleshooting that is not covered in this manual, please contact Grohe customer service or consult a qualified plumbing professional.

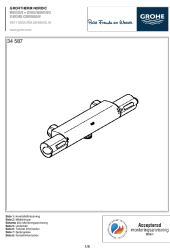


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### Related Documents - 34276000

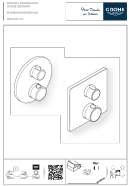
	<p><a href="#">GROHE Rainshower System 310 Thermostatic Shower System - Model 27968000</a></p> <p>Detailed specifications for the GROHE Rainshower System 310, a wall-mounted thermostatic shower system featuring a 450mm swivable shower arm, Rainshower Cosmopolitan 310 head shower, Power&amp;Soul Cosmopolitan 130 hand shower, and GROHE CoolTouch technology. Includes information on temperature control, spray patterns, and installation requirements.</p>
	<p><a href="#">GROHE Thermostatic Shower Mixer Installation and Maintenance Guide</a></p> <p>Comprehensive guide to installing, operating, and maintaining GROHE thermostatic shower mixers, including safety information, technical specifications, and part details. Features SpeedClean technology for easy cleaning and a 5-year warranty.</p>
	<p><a href="#">GROHE Thermostatic Mixer Installation and Safety Guide</a></p> <p>Comprehensive guide for installing and safely operating GROHE thermostatic mixers, including technical specifications, safety precautions, temperature settings, and installation steps. Features model numbers like Grohtherm Special, 14048, 14055, and 49003.</p>
	<p><a href="#">GROHE GROHTHERM Thermostatic Mixer 1 Way - Model 24 075 000</a></p> <p>Detailed information and spare parts for the GROHE GROHTHERM Thermostatic Mixer 1 Way, model 24 075 000. Features include GROHE TurboStat, SafeStop, and FastFixation system.</p>





[GROHOTHERM NORDIC Termostatblandare Monteringsanvisning](#)

Monteringsanvisning, teknisk information och säkerhetsguide för GROHE GROHOTHERM NORDIC termostatblandare (modell 34 587) från GROHE GERMANY.



[GROHE Concealed Shower System Installation and Technical Manual](#)

Comprehensive installation guide and technical specifications for the GROHE concealed shower system, detailing safety, operation, and maintenance procedures.