

GROHE Grohtherm 500

GROHE Grohtherm 500 Thermostatic Shower Mixer with Slide Bar and Hand Shower User Manual

Model: Grohtherm 500 (34797000)

1. INTRODUCTION

Thank you for choosing the GROHE Grohtherm 500 Thermostatic Shower Mixer with Slide Bar and Hand Shower. This manual provides essential information for the safe installation, operation, and maintenance of your new shower system. Please read these instructions carefully before installation and retain them for future reference.



Image 1: The GROHE Grohtherm 500 thermostatic shower mixer with its accompanying slide bar and hand shower, presented in a chrome finish. This image displays the complete product assembly.

2. SAFETY INFORMATION

Please observe the following safety instructions during installation and operation:

- Installation must be carried out by a qualified professional in accordance with local plumbing and building regulations.
- Ensure the main water supply is turned off before commencing any installation work.
- Check all connections for leaks after installation is complete.
- Do not use abrasive cleaners or solvents on the chrome finish, as this may damage the surface.
- The thermostatic mixer is designed to maintain a constant water temperature. However, always test the water temperature before stepping into the shower, especially for children or individuals with sensitive skin.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Thermostatic Shower Mixer
- Shower Bar
- Hand Shower
- Shower Hose
- Slide Bar
- Wall Mounting Material (screws, wall plugs, escutcheons)



Image 2: An exploded diagram illustrating the individual components of the GROHE Grohtherm 500 shower system, including the mixer, hand shower, slide bar, and various fittings. Each part is numbered for identification during assembly.

4. SPECIFICATIONS

Feature	Detail
Brand	GROHE
Model Number	34797000
Color	Chrome
Finish	Chromed
Material	Metal and Plastic
Number of Handles	1
Mounting Type	Wall Mounting
Hand Shower Head Size	100 mm
Package Dimensions	93 x 15 x 10 cm
Package Weight	2.8 kg



Image 3: A technical drawing displaying the key dimensions and installation measurements for the GROHE Grohtherm 500 shower system, including the mixer and the slide bar assembly.

5. INSTALLATION (SETUP)

This section outlines the general steps for installing your GROHE Grohtherm 500 shower system. Refer to the detailed diagrams for precise measurements and component placement.

5.1. Preparation

- Turn off the main water supply.
- Ensure the wall surface is clean, flat, and capable of supporting the shower system.
- Gather all necessary tools (e.g., drill, level, wrench, screwdriver).

5.2. Mounting the Thermostatic Mixer

1. Identify the hot and cold water inlets. Typically, hot water is on the left and cold water on the right.
2. Attach the S-unions (eccentric connectors) to the wall water outlets. Ensure they are level and the correct distance apart (refer to Image 3 for dimensions, typically 150mm ± 15mm).
3. Apply thread sealant to the S-unions and screw them into the wall outlets.
4. Attach the escutcheons (cover plates) over the S-unions.
5. Mount the thermostatic mixer onto the S-unions and tighten the nuts. Use a spirit level to ensure the mixer is horizontal.

5.3. Installing the Slide Bar and Hand Shower

1. Determine the desired height for the slide bar. Mark the drilling points for the wall brackets (refer to Image 3 for recommended spacing, e.g., 920mm between centers).
2. Drill holes, insert wall plugs, and secure the wall brackets for the slide bar.
3. Attach the slide bar to the brackets.
4. Connect one end of the shower hose to the outlet on the thermostatic mixer and the other end to the hand shower.
5. Place the hand shower into the adjustable holder on the slide bar.



Image 4: An isometric view showing the fully assembled GROHE Grohtherm 500 thermostatic shower mixer, slide bar, and hand shower, illustrating their relative positions after installation.

5.4. Final Checks

- Slowly turn on the main water supply.
- Check all connections for leaks.
- Test the water flow and temperature controls.

6. OPERATION

The GROHE Grohtherm 500 thermostatic mixer is designed for ease of use and precise temperature control.

6.1. Water Flow Control

The handle on one side of the mixer controls the water flow. Rotate it to increase or decrease the flow.

6.2. Temperature Control

The handle on the other side controls the water temperature. The thermostatic element automatically mixes hot and cold water to maintain a constant temperature, even if water pressure fluctuates.

- Rotate the temperature handle to adjust the desired temperature.
- A safety stop is typically set at 38°C (100°F) to prevent accidental scalding. To exceed this temperature, press the override button on the handle while rotating.

6.3. Hand Shower Adjustment

The hand shower holder on the slide bar can be adjusted vertically to suit different user heights. It can also be tilted to direct the water spray.

7. MAINTENANCE

Regular cleaning and maintenance will ensure the longevity and optimal performance of your GROHE shower system.

7.1. Cleaning the Chrome Finish

- Clean the chrome surfaces with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for chrome.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.
- *Do not use* abrasive sponges, scouring pads, or cleaners containing alcohol, ammonia, or phosphoric acid, as these can damage the finish.

7.2. Cleaning the Hand Shower Nozzles

Over time, limescale can build up on the hand shower nozzles.

- Many GROHE hand showers feature flexible silicone nozzles that can be easily cleaned by gently rubbing them with your finger to dislodge limescale.
- For stubborn deposits, soak the hand shower head in a mild descaling solution (e.g., diluted vinegar) for a short period, then rinse thoroughly.

8. TROUBLESHOOTING

If you encounter issues with your shower system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No water flow or low flow	<ul style="list-style-type: none">◦ Main water supply off◦ Blocked filters in the mixer◦ Kinked shower hose◦ Clogged hand shower nozzles	<ul style="list-style-type: none">◦ Check main water supply valve◦ Clean or replace mixer filters (consult a professional)◦ Straighten shower hose◦ Clean hand shower nozzles (see Maintenance section)
Water temperature fluctuates	<ul style="list-style-type: none">◦ Insufficient hot water supply◦ Thermostatic cartridge issue◦ Uneven water pressure	<ul style="list-style-type: none">◦ Check water heater settings◦ Contact a qualified plumber to inspect/replace the cartridge◦ Ensure stable water pressure
Water not hot enough	<ul style="list-style-type: none">◦ Thermostatic mixer calibration◦ Insufficient hot water supply	<ul style="list-style-type: none">◦ Recalibrate the thermostatic mixer (consult a professional or specific GROHE instructions for your model)◦ Check water heater settings
Leaks from connections	<ul style="list-style-type: none">◦ Loose connections◦ Damaged seals/washers	<ul style="list-style-type: none">◦ Gently tighten connections (do not overtighten)◦ Replace faulty seals or washers

9. WARRANTY AND SUPPORT

GROHE products are manufactured to the highest standards and undergo rigorous quality checks. For information regarding the warranty period and terms for your specific product, please refer to the warranty card included with your purchase or visit the official GROHE website.

For technical support, spare parts, or further assistance, please contact GROHE customer service or your local GROHE dealer. Contact details can typically be found on the GROHE website (www.grohe.com).