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GROHE 27478000

GROHE Rainshower Cosmopolitan 310 Shower Head

Model: 27478000

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Introduction

This manual provides instructions for the installation, operation, and maintenance of your GROHE Rainshower Cosmopolitan 310 Shower Head, Model 27478000. Please read these instructions carefully before installation and retain them for future reference.

Image: The GROHE Rainshower Cosmopolitan 310 Shower Head installed, demonstrating its rain spray pattern.

Setup and Installation

The GROHE Rainshower Cosmopolitan 310 Shower Head is designed for ceiling-mounted installation. A detailed installation guide is included with the product. Ensure all local plumbing codes are followed during installation.

Key Installation Details:

- **Connection Thread:** The shower head features a 1/2" connection thread for standard plumbing.
- **Swivel Ball Joint:** Equipped with a 20° swivel ball joint, allowing for an adjustment range of ± 20° to direct the water flow.
- **Support:** Due to its metal construction and weight (approximately 4.04 pounds), ensure the ceiling arm and plumbing can adequately support the fixture.

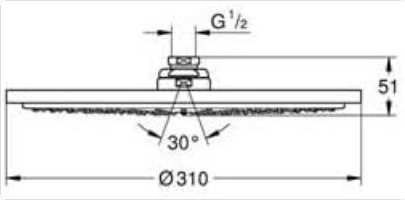

Image: Technical diagram illustrating the dimensions and G 1/2 connection of the shower head.

Operating Instructions

This shower head provides a single, consistent rain spray pattern, designed for a relaxing shower experience.

Features:

- **Rain Spray Pattern:** Delivers a wide, gentle rain-like spray from its 12 1/4" diameter face.
- **GROHE DreamSpray Technology:** Optimizes water distribution to ensure a precise and consistent spray from all 208 nozzles.
- **Flow Rate:** Equipped with a 2.5 gpm (9.5 l/min) flow limiter for water efficiency.
- **Adjustability:** The integrated ball-and-socket joint allows for manual adjustment of the shower head angle to customize the water direction.
- **Instantaneous Heater Compatibility:** Suitable for use with instantaneous water heaters.

Care and Maintenance

Regular cleaning and proper care will ensure the longevity and optimal performance of your GROHE shower head.

Cleaning Recommendations:

- **SpeedClean Anti-Lime System:** The spray nozzles are designed with GROHE SpeedClean, allowing for easy removal of limescale buildup. Simply wipe the nozzles with your finger to dislodge deposits.
- **GROHE StarLight Finish:** The Starlight Chrome finish is scratch-resistant and non-tarnishing. Clean with a soft cloth and mild soap. Avoid abrasive cleaners, scouring pads, or harsh chemicals, as these can damage the finish.
- **General Cleaning:** For general cleaning, use a damp cloth and a mild, non-abrasive cleaning agent. Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.

Troubleshooting

If you encounter issues with your shower head, please refer to the following common concerns:

Common Issues and Solutions:

- **Low Water Pressure:**
  - **Check Household Water Pressure:** Ensure your home's main water supply has adequate pressure.
  - **Inspect Pipe Sizes:** Inadequate pipe sizes feeding the shower head can restrict flow. Consult a qualified plumber if you suspect this is the issue.
  - **Limescale Buildup:** Even with SpeedClean, severe limescale can reduce flow. Perform a thorough cleaning of the nozzles as described in the Maintenance section.
- **Spray Too Strong or Uneven:**

    - **Water Pressure:** High water pressure can result in a stronger spray. If the pressure is consistently too high, consider installing a pressure-reducing valve in your plumbing system.
    - **Nozzle Obstruction:** Check for any debris or limescale partially blocking individual nozzles, causing an uneven spray. Clean the nozzles.
- **Leaks from Connection:**
    - **Tighten Connection:** Ensure the 1/2" connection thread is securely tightened.
    - **Check Seal:** Verify that the rubber washer or seal at the connection point is properly seated and not damaged. Replace if necessary.

For persistent issues, please contact GROHE customer support or a certified plumber.

Specifications

Feature	Detail
Brand	GROHE
Model Number	27478000
Style	Modern
Shape	Round
Material	Metal
Finish Type	Starlight Chrome
Installation Type	Ceiling Mounted
Number of Settings	1 (Rain spray pattern)
Flow Rate	2.5 Gallons Per Minute (9.5 l/min)
Connection Thread	1/2"
Swivel Ball Joint	20° (± 20°)
Item Weight	4.04 pounds
Product Dimensions	15.4 x 14.4 x 3 inches
Special Features	GROHE DreamSpray technology, SpeedClean anti-lime system

Warranty and Support

Warranty Information:

This GROHE product is covered by a **Limited Lifetime Warranty**. Please refer to the warranty documentation included with your purchase for full terms and conditions, or visit the official GROHE website for details.

Customer Support:

For further assistance, technical support, or to inquire about replacement parts, please visit the official GROHE

website or contact their customer service department. You can also find more information and products at the GROHE Store on Amazon.

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