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GROHE 29428000

GROHE Cosmopolitan Pressure Balance Rainshower Set

MODEL: 29428000 (STARLIGHT CHROME)

Product Overview

The GROHE Cosmopolitan Pressure Balance Rainshower Set is designed to provide a luxurious showering experience with a minimalist aesthetic. This set includes components for both a drenching rain spray from a large shower head and the soothing comfort of a hand shower with multiple spray patterns. The pressure balance valve ensures consistent water temperature.

Included Components

Before beginning installation, verify that all components are present:

- Cosmopolitan Pressure Balance Valve Trim with 2-way diverter (29 434)
- GrohSafe 3.0 Pressure Balance Rough Valve with integrated diverter (35 117)
- Tempesta 250 Rain Shower Head, 10" diameter (26 715)
- Rainshower 15" Shower Arm (28 540)
- Tempesta Cosmopolitan 24" Shower Bar (27 521)
- RotaFlex Metal Longlife metallic hose (28 417)
- Tempesta Cosmopolitan 100 hand shower, 2 sprays, 1.75 gpm (26 046)
- Rainshower wall union (26 635)
- Installation guide
- Check valves

Setup and Installation

Installation of this shower system requires plumbing knowledge and should ideally be performed by a qualified professional to ensure proper function and adherence to local building codes. Refer to the detailed installation guide included with your product for step-by-step instructions and diagrams.

Key Installation Considerations:

- Ensure the rough valve is correctly installed and secured within the wall.
- Verify that the dropear for the shower arm is level to prevent aesthetic issues.
- Properly connect all water lines and test for leaks before sealing walls.



Figure 1: Dimensions of the Grohe Tempesta 250 Rain Shower Head. This image shows the width of the shower head as 9 13/16 inches (250mm) and the depth as 2 3/16 inches (55mm).



Figure 2: Dimensions of the Grohe Rainshower 15 inch Shower Arm. This image illustrates the length of the shower arm as 14 15/16 inches (380mm).



Figure 3: Dimensions of the Grohe Cosmopolitan

Pressure Balance Valve Trim. This image displays the width of the trim as 7 7/8 inches (198mm) and the height as 9 1/4 inches (234mm).

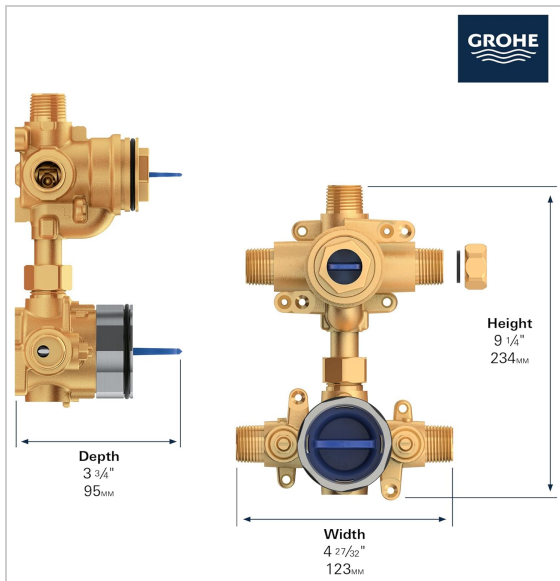


Figure 4: Dimensions of the GrohSafe 3.0 Pressure Balance Rough Valve. This image shows the width as 4 27/32 inches (123mm), depth as 3 3/4 inches (95mm), and height as 9 1/4 inches (234mm).



Figure 5: Dimensions of the Grohe Tempesta Cosmopolitan 100 Hand Shower. This image indicates a height of 6 1/16 inches (154mm) and a face width of 3 15/16 inches (100mm).

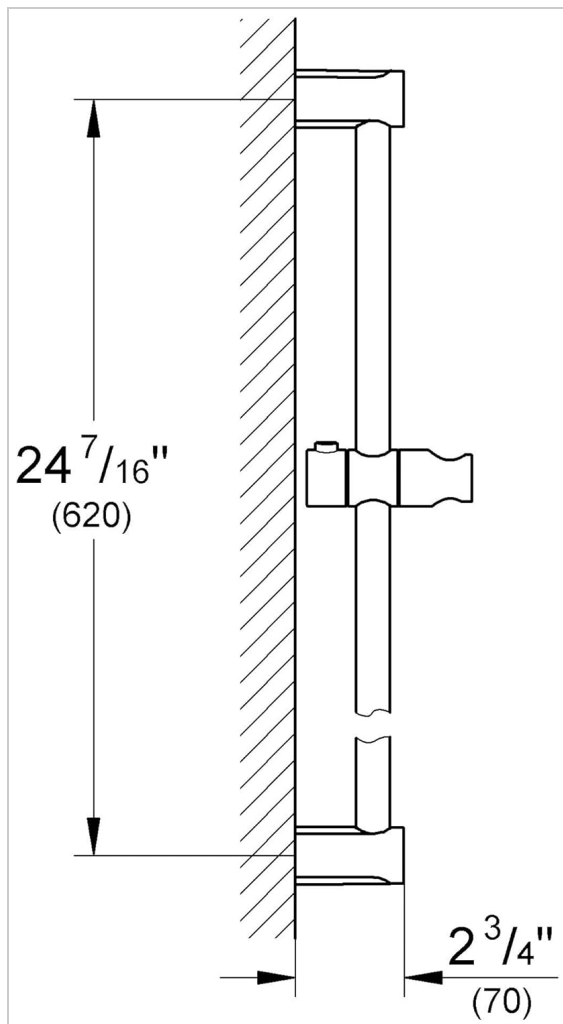


Figure 6: Dimensions of the Grohe Tempesta Cosmopolitan 24 inch Shower Bar. This image shows the mounting distance of 24 7/16 inches (620mm) and a depth from the wall of 2 3/4 inches (70mm).

Operating Instructions

The GROHE Cosmopolitan shower system features intuitive controls for a personalized showering experience.

1. **Water Flow Control:** The top lever on the pressure balance valve trim controls the water flow, turning the system on and off.
2. **Temperature Adjustment:** The bottom lever on the pressure balance valve trim allows you to adjust the water temperature. Rotate the lever to achieve your desired warmth.
3. **Diverter Function:** The integrated 2-way diverter in the valve trim allows you to switch water flow between the main rain shower head and the hand shower. Rotate the diverter to select your preferred water outlet.
4. **Hand Shower Operation:** The Tempesta Cosmopolitan 100 hand shower offers two spray patterns (Rain and Jet). Adjust the spray by rotating the shower head or pressing a button, depending on the specific model variant. The hand shower can be removed from its holder on the shower bar for flexible use.

Maintenance

To maintain the Starlight Chrome finish and ensure the longevity of your GROHE shower system, follow these maintenance guidelines:

- **Cleaning:** Clean the chrome surfaces regularly with a soft cloth and a mild, non-abrasive cleaner. Avoid using harsh chemicals, abrasive pads, or acidic cleaners, as these can damage the finish.
- **Shower Head Nozzles:** The shower head nozzles are designed for easy cleaning. Periodically wipe the silicone nozzles to remove any mineral buildup.
- **Hose Care:** Inspect the RotaFlex Metal Longlife metallic hose for any signs of wear or damage. Clean with a soft cloth.
- **General Inspection:** Periodically check all connections for tightness and signs of leaks.

Troubleshooting

If you encounter issues with your GROHE shower system, consider the following common troubleshooting steps:

- **Low Water Pressure:** If water pressure is lower than expected, especially in areas with water conservation regulations (e.g., Southern California), ensure that the shower head nozzles are clear of mineral buildup. Check for any flow restrictors that may be installed and ensure they are not obstructed. Local water supply pressure can also be a factor.
- **Temperature Fluctuations:** The pressure balance valve is designed to prevent sudden temperature changes. If you experience significant fluctuations, ensure the hot and cold water supply lines are correctly connected and that there are no issues with your home's water heater or pressure system.
- **Leaks:** Small drips or leaks can often be resolved by ensuring all connections are tight. If leaks persist, it may indicate an issue with the cartridge or seals, which may require professional attention.
- **Diverter Malfunction:** If the diverter does not switch water flow correctly, check for any obstructions or wear in the diverter mechanism.

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

Specifications

Feature	Detail
Brand	GROHE
Model Number	29428000
Color	StarLight Chrome
Material	Metal, Plastic, Zinc (Handle Material: Ceramic)
Finish Type	GROHE CHROME
Number of Handles	2
Item Weight	19.25 pounds
Product Dimensions	19.88 x 9.84 x 5.53 inches
Mounting Type	Wall Mount
Head Size	10 inches
Style	Modern
Installation Method	Wall Mount

Certification	WaterSense
Usage	Inside
Batteries Required?	No

Warranty and Support

This GROHE product comes with a LIMITED warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty documentation included with your purchase or visit the official GROHE website.

For technical assistance, replacement parts, or further inquiries, please contact GROHE customer support. Contact information can typically be found on the GROHE website or in your product packaging.