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› hansgrohe Ecostat Classic Pressure Balance Shower Valve Trim with Diverter (Model 04449830) - User Manual

hansgrohe 04449830

hansgrohe Ecostat Classic Pressure Balance Shower Valve Trim with Diverter

Model: 04449830

1. PRODUCT OVERVIEW

The hansgrohe Ecostat Classic Pressure Balance Shower Valve Trim with Diverter (Model 04449830) is designed for concealed installation, offering a clean and modern aesthetic for your shower. This trim kit includes the necessary components to control water flow, volume, and temperature, as well as a diverter for managing two separate water outlets, such as a main showerhead and a handheld shower.

It features a high-quality pressure-balanced cartridge for consistent water temperature and flow. The design is intended to integrate seamlessly with the hansgrohe iBox universal plus rough-in valve, which is required for installation.



Image 1: The hansgrohe Ecostat Classic Pressure Balance Shower Valve Trim in Polished Nickel. This image displays the two-handle design, with one handle for temperature and volume control and the other for the diverter function.

2. SETUP AND INSTALLATION

Important: hansgrohe recommends that a licensed plumber install this product to ensure proper function and compliance with local plumbing codes.

2.1 Required Components

- **iBox Universal Plus Rough (Part No. 01850181):** This rough-in valve is essential for the installation of the Ecostat Classic trim. Ensure it is correctly installed within the wall according to its specific instructions before proceeding with the trim installation.

2.2 Installation Steps (Trim Kit)

This trim kit is designed to be mounted onto the pre-installed iBox Universal Plus Rough. The technology of the valve is concealed within the wall, providing a minimalist appearance.

1. **Prepare the iBox:** Ensure the iBox universal plus rough is securely installed and all necessary connections

are made according to its manual.

2. **Install Function Block:** Attach the function block to the iBox.
3. **Position Sleeve and Escutcheon:** Place the sleeve over the function block, followed by the escutcheon (trim plate). Ensure it is flush against the finished wall surface.
4. **Attach Handles:** Secure the temperature/volume control handle and the diverter handle onto their respective spindles.
5. **Test Functionality:** After installation, carefully test all functions for proper operation and check for any leaks.



Image 2: This diagram illustrates the key dimensions of the hansgrohe Ecostat Classic trim (Width: 6 3/4 inches, Height: 7 1/4 inches, Depth: 2 3/4 inches) and explicitly states the requirement for the iBox Universal Plus Rough, 3/4" (01850181).

3. OPERATING INSTRUCTIONS

The hansgrohe Ecostat Classic trim features two handles for comprehensive control of your shower experience.

3.1 Water Flow and Temperature Control

The main handle (typically the larger, lower handle) controls both the water volume and temperature. Rotate this handle to adjust the temperature, and pull it outwards to increase water flow. Push it inwards to reduce flow and turn off the water.

3.2 Diverter Function

The second handle (typically the smaller, upper handle) functions as a diverter. This allows you to switch between two connected water outlets, such as a fixed showerhead and a handheld shower. Rotate this handle to select the desired outlet. You can also run both outlets simultaneously if the rough-in valve and water pressure support it.

4. MAINTENANCE AND CARE

Proper care will ensure the longevity and appearance of your hansgrohe Ecostat Classic trim.

4.1 Cleaning

- Clean the polished nickel finish regularly with a soft cloth and a mild, non-abrasive cleaner.
- Avoid using abrasive cleaners, scouring pads, or cleaners containing alcohol, ammonia, bleach, or other harsh chemicals, as these can damage the finish.
- Rinse thoroughly with clean water after cleaning and dry with a soft cloth to prevent water spots.

4.2 Material Durability

The trim features brass internal components and a polymer trim plate, designed to resist dents, chemical corrosion, and mineral accumulation, contributing to its long-lasting performance.

5. TROUBLESHOOTING

If you encounter issues with your shower valve trim, consider the following:

- **Low Water Flow:** Check your household water pressure. Ensure the iBox universal plus rough-in valve is fully open. If you experience significantly restricted flow, especially when running multiple outlets, consult a licensed plumber to assess your plumbing system's capacity (e.g., pipe diameter, water heater capacity).
- **Inconsistent Water Temperature:** Verify that the hot and cold water supplies to the iBox are correctly connected and fully open. If the issue persists, the pressure-balanced cartridge may require inspection or replacement by a qualified professional.
- **Leaking:** If water leaks from around the trim plate or handles, ensure all connections are secure and seals are properly seated. Do not overtighten. If leaks persist, contact a licensed plumber.
- **Stiff Handles:** Over time, mineral deposits can affect handle movement. Regular cleaning can help. If handles remain stiff, the internal cartridge may need servicing.

For complex issues or if you are unsure about any repair, it is always recommended to consult a licensed plumber.

6. SPECIFICATIONS

Feature	Detail
Brand	hansgrohe

Model Number	04449830
Material	Brass (internal components), Polymer (trim plate)
Exterior Finish	Polished Nickel
Item Dimensions (L x W x H)	3.75 x 6.75 x 6.75 inches
Item Weight	4.84 pounds
Number of Handles	2
Number of Ports	2
Flow Rate	4.5 Gallons Per Minute
Inlet Connection Type	National Pipe Tapered
Outlet Connection Type	NPT
Outlet Connection Size	0.5 Inches
Included Components	Pressure Balanced Valve Trim (handles, sleeve, function block, escutcheon, shut-off/diverter valve)
Required Rough-in	iBox Universal Plus Rough (Part No. 01850181)
Specification Met	Certified frustration-free

7. WARRANTY INFORMATION

Hansgrohe, Inc. warrants to the original consumer purchaser that hansgrohe products will be free from defects in material and workmanship for as long as the original consumer purchaser owns both the product and the home in which the product was originally installed.

For commercial purchasers, the warranty period is one (1) year from the date of purchase. The warranty period for products in Rubbed Bronze, Matte Black, and Matte White finishes is three (3) years from the date of purchase.

This warranty is non-transferable. This warranty does not cover hansgrohe products purchased from unauthorized sellers, unless otherwise prohibited by law. Authorized sellers can be found on hansgrohe branded websites. Additional warranty restrictions apply. Please refer to the manufacturer's website for full warranty details.

8. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official hansgrohe website or contact their customer service department. Always provide your product model number (04449830) when seeking support.

You can find more information and contact details on the [hansgrohe Store on Amazon](#) or the official hansgrohe website.

