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hansgrohe 75417000

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Model: 75417000

INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your hansgrohe DuoTurn E 75417000 flush-mounted mixer. This model features a square design and chrome finish, offering precise control for two water consumers. Please read all instructions carefully before beginning installation or use. Retain this manual for future reference.



Figure 1: hansgrohe DuoTurn E 75417000 Flush-Mounted Mixer and its packaging, highlighting key features.



Available Colours & Designs

Figure 2: The DuoTurn E series is available in various colors and designs. This manual specifically covers the square, chrome model.

SAFETY INFORMATION

- Ensure all water supplies are turned off before installation or maintenance.
- Installation must be performed by a qualified professional in accordance with all local plumbing and building codes.
- Protect the product from freezing temperatures.
- Use only genuine hansgrohe spare parts for repairs or replacements.
- Operating pressure should be between 1 and 10 bar.

INCLUDED COMPONENTS

The hansgrohe DuoTurn E 75417000 package typically includes:

- Mixer unit (rosette and handles)

- Functional block
- Mounting material
- Assembly instructions (this manual)
- Button symbols for various functions (e.g., rain small, rain large, hand shower, shower, tub)

Important Installation Note: A basic kit, specifically the hansgrohe iBox universal 2 (Part #01500180), is **required** for installation and is sold separately. It is crucial to verify the availability of this component in your region before purchasing or attempting to install the mixer, as regional availability can vary.

SETUP AND INSTALLATION

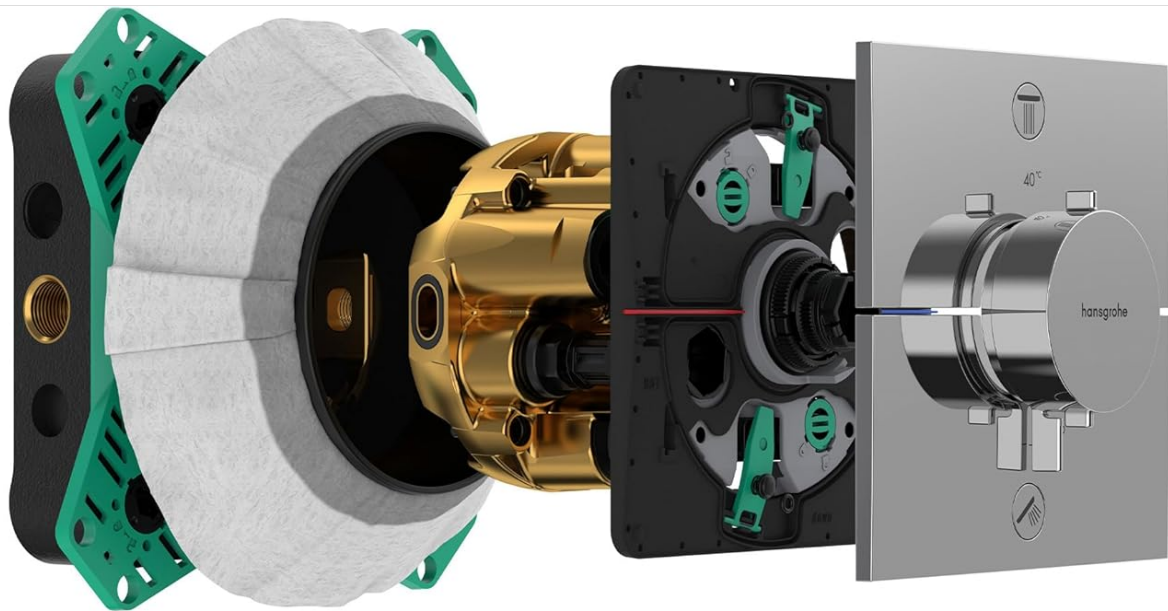
The hansgrohe DuoTurn E mixer is designed for flush-mounted wall installation, providing an ultra-flat design that maximizes space in your shower or bath area. Proper installation requires the hansgrohe iBox universal 2 basic kit.

Pre-Installation Checks

- Confirm you have the hansgrohe iBox universal 2 (Part #01500180) and its specific installation instructions.
- Ensure hot and cold water supply lines are accessible and can be connected to the iBox.
- Verify that the wall cavity dimensions are sufficient for flush mounting the iBox and mixer.
- Ensure the operating pressure is within the recommended range of 1 to 10 bar.

Installation Steps (Overview)

1. **iBox Installation:** Install the hansgrohe iBox universal 2 into the wall cavity according to its specific instructions. This component is the foundation for the mixer.
2. **Plumbing Connections:** Connect the hot and cold water supply lines to the designated inlets on the iBox. Then, connect the outlets from the iBox to your two desired water consumers (e.g., overhead shower, hand shower, or bathtub spout).
3. **Mixer Assembly:** Once the iBox is securely installed and plumbed, attach the functional block and the visible mixer unit (rosette and handles) to the iBox.
4. **Securing and Alignment:** Secure the mounting material and rosette to the wall. The rosette can be adjusted by +/- 3° to ensure perfect alignment with your tiles or wall surface.
5. **Leak Test:** Before sealing the wall or completing final finishes, perform a thorough leak test to ensure all connections are watertight.



Secure Installation with iBox 2

Figure 3: The hansgrohe DuoTurn E mixer requires the iBox universal 2 for secure, flush-mounted installation, ensuring a minimal projection from the wall.



Fast Concealed Installation

Figure 4: An illustration of the concealed installation process, demonstrating how the mixer integrates with the iBox within the wall.

OPERATING INSTRUCTIONS

The DuoTurn E mixer is designed for intuitive and precise control of water flow and temperature for two connected consumers.

Water Flow and Function Selection

The **upper lever** is used to control the water flow rate and to select between the two connected functions. Rotate the lever to increase or decrease the water flow. To switch between the two functions (e.g., an overhead shower and a hand shower), manipulate the lever as indicated by the installed button symbols. The mixer is supplied with various button symbols, such as "rain small", "rain large", "hand shower", "shower", and "tub", which can be applied to clearly identify the selected output.

Temperature Control

The **lower handle** allows for precise adjustment of the water temperature. Rotate this handle to achieve your desired temperature. The high-quality ceramic mixing system ensures smooth and accurate temperature adjustments, even with soapy hands.



Convenient Water Control

Figure 5: Demonstrating the convenient water flow control and function selection of the DuoTurn E mixer.



Durable and Easy to Operate

Figure 6: The mixer's ergonomic design ensures durable and easy operation, even when wet.

MAINTENANCE AND CARE

To preserve the aesthetic appeal and functionality of your hansgrohe DuoTurn E mixer, adhere to the following care guidelines:

- **Regular Cleaning:** Clean the chrome surfaces regularly using a soft, damp cloth and a mild, non-abrasive cleaning agent.
- **Avoid Harsh Chemicals:** Do not use cleaning agents containing alcohol, hydrochloric acid, formic acid, acetic acid, or phosphoric acid, as these can cause irreversible damage to the chrome finish.
- **Rinse Thoroughly:** After cleaning, rinse the mixer thoroughly with clean water to remove any residual cleaning agents.
- **Dry Surfaces:** Dry the mixer with a soft, clean cloth to prevent water spots and maintain its polished appearance.
- **Internal Components:** The ceramic mixing system is designed for long-term durability and smooth operation, requiring no user-serviceable internal maintenance.



Easy to Clean

Figure 7: Cleaning the chrome surface of the mixer with a soft cloth to maintain its shine.

TROUBLESHOOTING

If you encounter any issues with your hansgrohe DuoTurn E mixer, consult the table below for common problems and their potential solutions. For complex issues, professional assistance is recommended.

Problem	Possible Cause	Solution
No water flow or significantly reduced pressure.	Main water supply is off; clogged aerator or filter; obstruction within the iBox or plumbing.	Verify the main water supply is on. Clean any accessible filters. If the problem persists, consult a qualified plumber to inspect the iBox and plumbing.
Water temperature is inconsistent, too hot, or too cold.	Issues with hot/cold water supply to the iBox; incorrect temperature setting on the mixer.	Ensure both hot and cold water supplies are fully functional. Adjust the lower temperature handle carefully. If the issue persists, a plumber may need to check the iBox connections.
Water leaking from the mixer unit or wall.	Improper installation; damaged seals or O-rings; loose connections within the iBox or mixer.	Immediately turn off the main water supply to prevent further damage. Contact a qualified plumber for urgent inspection and repair.
Difficulty in acquiring the iBox universal 2 (Part #01500180).	Product availability varies by geographical region.	Contact hansgrohe customer support or your local hansgrohe distributor for assistance in sourcing the correct iBox for your region. This component is essential for installation.

If the troubleshooting steps do not resolve your issue, or for problems not listed, please contact hansgrohe customer support or a certified plumbing professional.

SPECIFICATIONS

Feature	Detail
Brand	hansgrohe
Model Name	hansgrohe DuoTurn E mixer flush-mounted for 2 consumers
Part Number	75417000
Series ID	DuoTurn E
Mounting Type	Wall Mount (Flush-Mounted)
Finish Type	Chrome
Material	Ceramic (for internal mixing system)
Color	Chrome
Number of Handles	1 (controls both flow/function and temperature)
Hole Count	1
Style	Square
Maximum Flow Rate	31 Liters Per Minute (at 3 bar)
Operating Pressure	1 to 10 bar
Item Weight	1.21 kg (2.66 lbs)
Product Dimensions	1.34 x 6.1 x 6.1 inches (approx. 34 x 155 x 155 mm)
Recommended Use	Bathroom (Bathtub Faucets, Shower)
Required Basic Kit	hansgrohe iBox universal 2 (Part #01500180)

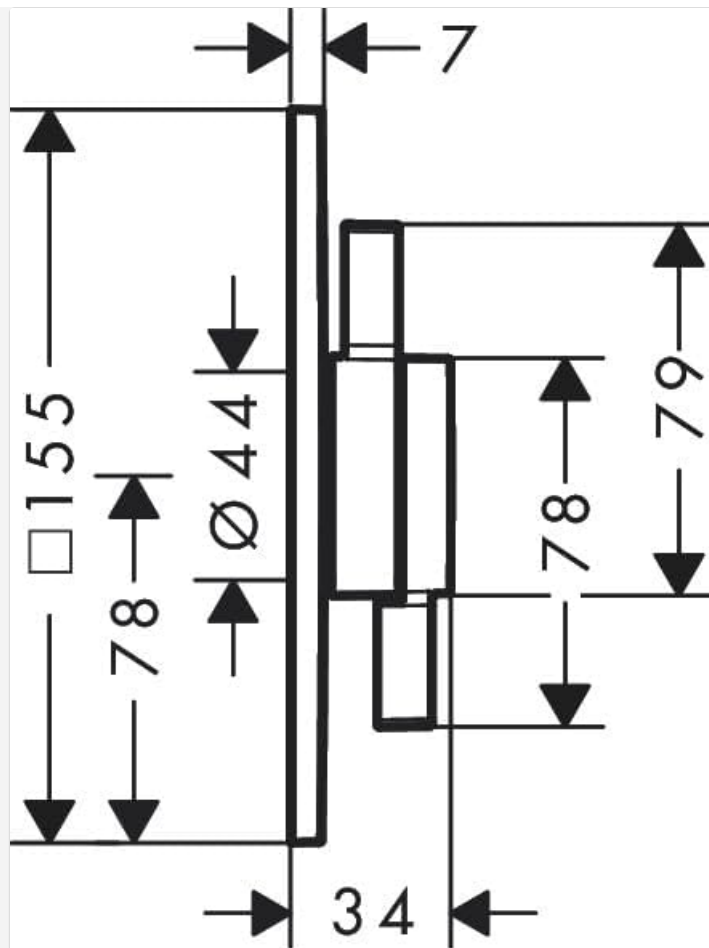


Figure 8: Technical drawing illustrating the dimensions of the DuoTurn E mixer for installation planning.

WARRANTY AND SUPPORT

Manufacturer's Warranty

hansgrohe provides a **5-year voluntary manufacturer's warranty** for the DuoTurn E 75417000 mixer. This warranty covers manufacturing defects under normal use and service conditions. Please retain your original proof of purchase for any warranty claims.

Spare Parts Availability

hansgrohe ensures the availability of replacement parts for the DuoTurn E mixer for up to 15 years after the product line has been discontinued, supporting long-term product usability.

Customer Support

For technical assistance, warranty inquiries, or to purchase spare parts, please visit the official hansgrohe website or contact their customer service department directly. Additional product information and the hansgrohe product range can also be found at the hansgrohe Store on Amazon.