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› Glacier Bay Modern Single-Handle Tub and Shower Faucet (Model HD873X-6204) Instruction Manual

Glacier Bay HD873X-6204

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Brushed Nickel Finish with Valve Included

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Glacier Bay Modern Single-Handle Tub and Shower Faucet. Please read this manual thoroughly before beginning installation or use to ensure proper function and longevity of your product. This faucet features a sleek design, a 1.8 GPM WaterSense certified flow rate, a ceramic disc valve for durability, and a pressure balancing system for consistent water temperature.



Image: Overview of the Glacier Bay Modern Single-Handle Tub and Shower Faucet components, including the showerhead, control handle, and tub spout, all in a brushed nickel finish.

SAFETY INFORMATION

- Always turn off the main water supply before installing or servicing the faucet.
- Wear safety glasses and gloves during installation.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Ensure all connections are secure to prevent leaks.
- Do not overtighten connections, as this can damage the product.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Showerhead
- Shower Arm
- Control Handle and Escutcheon
- Pressure Balancing Valve (Rough-in Valve)
- Tub Spout with Diverter
- Mounting Hardware
- Plug for shower-only installation (if applicable)



Image: An exploded view showing the individual components of the Glacier Bay tub and shower faucet, including the showerhead, handle, escutcheon, valve, and tub spout.

SETUP AND INSTALLATION

Professional installation is recommended. Ensure you have access to the plumbing behind the wall for valve installation.

1. **Prepare the Installation Area:** Turn off the main water supply. Clear the work area and ensure you have all necessary tools.
2. **Install the Rough-in Valve:**

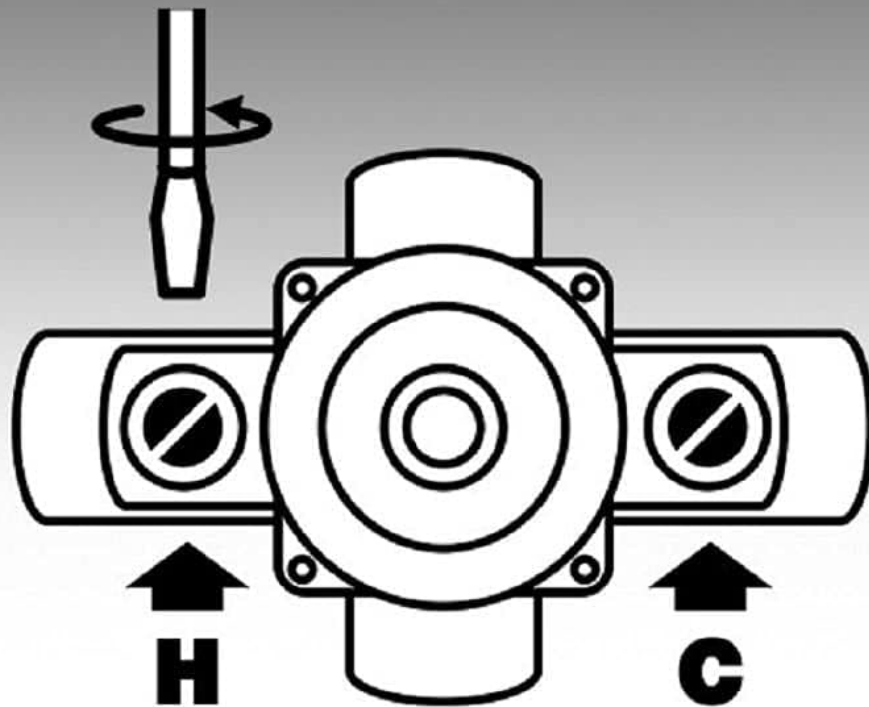


Image: The Glacier Bay pressure balancing rough-in valve, showing the hot and cold water inlets and outlets.

Mount the pressure balancing valve body securely within the wall according to local plumbing codes. Connect the hot and cold water supply lines to the designated inlets on the valve. Connect the shower and tub outlet lines. Ensure the valve is level and properly secured.

IntegralStop

SHOWER VALVE



ALLOWS WATER TO BE SHUT OFF AT THE INSTALLED VALVE WITHOUT INTERRUPTING SERVICE TO THE ENTIRE HOME OR APARTMENT COMPLEX.

INCLUDED ON ALL GLACIER BAY SINGLE HANDLE TUB & SHOWER FAUCETS.



Image: Diagram illustrating the Integral Stop feature on the shower valve, showing how to shut off water at the valve for maintenance without affecting the entire home's water supply.

This valve includes integral stops, allowing you to shut off water directly at the valve for maintenance without interrupting service to the entire home.

3. Install the Tub Spout:



Image: The Glacier Bay tub spout in brushed nickel, featuring a diverter knob on top.

Thread the tub spout onto the tub drop pipe extending from the wall. Ensure it is securely tightened and sealed to prevent leaks. If installing a shower-only system, use the provided plug for the tub spout outlet on the valve.

4. Install the Shower Arm and Showerhead:



Image: A close-up of the square-shaped Glacier Bay showerhead in brushed nickel, showing the spray nozzles.

Apply plumber's tape to the threads of the shower arm. Thread the shower arm into the shower outlet in the wall. Tighten securely. Attach the showerhead to the shower arm, ensuring a tight seal.

5. Install the Escutcheon and Handle:



Image: The square escutcheon plate and single lever handle for the Glacier Bay faucet in brushed nickel.

Install the escutcheon plate over the valve body, securing it to the wall. Attach the handle to the valve stem according to the manufacturer's instructions, typically with a set screw.

6. **Test for Leaks:** Once all components are installed, slowly turn on the main water supply and check all connections for leaks.

OPERATING INSTRUCTIONS

Your Glacier Bay faucet is designed for ease of use and water efficiency.

- **Water Flow and Temperature Control:** The single lever handle controls both water flow and temperature.
 - Lift the handle to turn on the water and increase flow.
 - Push the handle down to turn off the water.
 - Rotate the handle left for hotter water and right for colder water.
- **Diverter Function:** To switch water flow from the tub spout to the showerhead, pull up the diverter knob located on the tub spout. Push it down to return water flow to the tub spout.
- **WaterSense Certified:** This faucet is WaterSense certified with a 1.8 GPM flow rate, designed to conserve water without compromising performance.



Image: The WaterSense logo, indicating the product meets EPA criteria for water efficiency.

- **Pressure Balancing System:** The integrated pressure balancing system maintains a consistent water temperature, preventing sudden changes due to fluctuations in hot or cold water supply.

MAINTENANCE

Regular cleaning and maintenance will help preserve the finish and functionality of your faucet.

- **Cleaning the Finish:** Clean the brushed nickel finish with a soft, damp cloth. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- **Cleaning the Showerhead:** Periodically clean the showerhead nozzles to remove mineral buildup. You can gently

rub the rubber nozzles with your finger or use a soft brush. For stubborn buildup, soak the showerhead in a solution of white vinegar and water.

- **Ceramic Disc Valve:** The ceramic disc valve is designed for long-lasting, drip-free performance and typically requires no maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low water flow from showerhead or tub spout.	<ul style="list-style-type: none">◦ Mineral buildup in showerhead nozzles.◦ Partially closed shut-off valve.◦ Debris in the valve.	<ul style="list-style-type: none">◦ Clean showerhead nozzles.◦ Ensure integral stops or main water supply valves are fully open.◦ Flush the valve by removing the cartridge (consult a plumber if unsure).
Water temperature fluctuates.	<ul style="list-style-type: none">◦ Pressure balancing valve issue.◦ Inconsistent hot/cold water supply pressure.	<ul style="list-style-type: none">◦ Verify proper installation of the pressure balancing valve.◦ Consult a plumber to check home water pressure.
Faucet leaks from handle or spout.	<ul style="list-style-type: none">◦ Loose connections.◦ Damaged O-rings or ceramic cartridge.	<ul style="list-style-type: none">◦ Check and tighten all connections (do not overtighten).◦ Replace O-rings or ceramic cartridge (consult a plumber).
Diverter not working correctly.	<ul style="list-style-type: none">◦ Mineral buildup in diverter mechanism.◦ Damaged diverter.	<ul style="list-style-type: none">◦ Clean the diverter mechanism.◦ Replace the tub spout if the diverter is damaged.

SPECIFICATIONS

- **Model Number:** HD873X-6204
- **Brand:** Glacier Bay
- **Finish:** Brushed Nickel
- **Material:** Brass (Valve Body), Ceramic (Handle)
- **Number of Handles:** 1
- **Mounting Type:** Wall Mount
- **Flow Rate:** 1.8 Gallons Per Minute (GPM)
- **Certifications:** WaterSense Certified
- **Showerhead Size:** 8 inches (square)
- **Valve Type:** Pressure Balancing, Ceramic Disc
- **Item Weight:** Approximately 5.96 pounds (2.71 Kilograms)
- **Package Dimensions:** 9.09 x 8.82 x 7.17 inches

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Glacier Bay customer service. Keep your proof of purchase for warranty claims.

