

Grundfos 595926

Grundfos 595926 Comfort Valve Instruction Manual

Model: 595926 | Brand: Grundfos

1. INTRODUCTION

The Grundfos 595926 Comfort Valve is a crucial component designed to optimize your hot water recirculation system. This valve is specifically engineered for use with Grundfos UP Comfort Series circulator pumps. Its primary function is to eliminate cold water runoff at the faucet by allowing a small amount of warm water to flow from the hot line into the cold line, ensuring faster hot water delivery without excessive waiting or water waste.

This instruction manual provides detailed guidance on the installation, operation, and maintenance of your Grundfos 595926 Comfort Valve to ensure efficient and reliable performance.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, injury, or improper operation of the product. It is recommended that installation be performed by a qualified professional or in accordance with local plumbing codes.

- Always turn off the main water supply before beginning any plumbing work.
- Ensure all connections are secure to prevent leaks.
- Do not overtighten connections, especially with plastic components, to avoid damage.
- Wear appropriate personal protective equipment (PPE) during installation.

3. PACKAGE CONTENTS

Verify that all components are present before starting the installation:

- Grundfos 595926 Comfort Valve (1 unit)
- Mounting hardware (screws and wall anchors)
- Instruction sheet



Figure 1: Grundfos 595926 Comfort Valve. This image shows the Grundfos 595926 Comfort Valve, a black plastic component designed for hot water recirculation systems. It features threaded inlet and outlet ports for both hot and cold water connections, clearly labeled 'HOT IN', 'HOT OUT', 'COLD IN', and 'COLD OUT'. The valve is designed to be installed under a sink.

4. SETUP AND INSTALLATION

The Comfort Valve is typically installed under the sink at the fixture furthest from the water heater. This strategic placement ensures efficient hot water circulation throughout your plumbing system.

4.1 Tools Required

- Adjustable wrenches (2)
- Screwdriver
- Teflon tape (optional, for threaded connections)

4.2 Installation Steps

1. **Turn off Water Supply:** Locate and turn off the hot and cold water supply valves under the sink. If no individual valves are present, turn off the main water supply to your home.
2. **Drain Lines:** Open the hot and cold water faucets to drain any remaining water from the lines.
3. **Disconnect Faucet Supply Lines:** Disconnect the existing hot and cold water supply lines from the faucet connections.
4. **Mount the Valve:** Position the Grundfos 595926 Comfort Valve under the sink, ensuring it is accessible for connections. Use the provided mounting hardware (screws and wall anchors) to secure the valve to the cabinet wall.
5. **Connect Hot Water Lines:**
 - Connect the hot water supply line from the wall to the port labeled "**HOT IN**" on the valve.
 - Connect a new or existing hot water line from the port labeled "**HOT OUT**" on the valve to the hot water inlet of your faucet.
6. **Connect Cold Water Lines:**

- Connect the cold water supply line from the wall to the port labeled "**COLD IN**" on the valve.
- Connect a new or existing cold water line from the port labeled "**COLD OUT**" on the valve to the cold water inlet of your faucet.

7. **Secure Connections:** Hand-tighten all connections, then use wrenches to gently tighten them further. Avoid overtightening, especially with plastic components. If necessary, use Teflon tape on threaded connections for a better seal.
8. **Restore Water Supply:** Slowly turn on the hot and cold water supply valves. Check for any leaks at all connections. Tighten further if necessary.
9. **Test Operation:** Open the hot water faucet and observe the flow. Hot water should arrive significantly faster than before installation.

5. OPERATING INSTRUCTIONS

Once installed, the Grundfos 595926 Comfort Valve operates automatically in conjunction with your Grundfos UP Comfort Series circulator pump. The valve allows a small amount of hot water to bypass into the cold water line, creating a continuous loop that keeps hot water readily available at your faucet. This passive recirculation eliminates the need to run the faucet for extended periods, saving water and energy.

No manual adjustments are typically required for the valve itself. Its internal mechanism manages the flow to maintain warm water in the lines leading to the faucet.

6. MAINTENANCE

The Grundfos 595926 Comfort Valve is designed for minimal maintenance. Regular inspection of the valve and its connections is recommended to ensure there are no leaks or signs of wear.

- **Leak Check:** Periodically check all plumbing connections around the valve for any signs of water leaks. Address any leaks promptly.
- **Visual Inspection:** Inspect the valve for any visible damage or cracks.
- **Cleaning:** If necessary, wipe the exterior of the valve with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

If the valve appears to be malfunctioning (e.g., hot water still takes a long time to arrive, or cold water is consistently warm), it may indicate an internal component failure and require replacement.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hot water still takes a long time to arrive.	Valve malfunction. Circulator pump issue. Incorrect installation.	Inspect valve for damage; consider replacement. Check circulator pump operation. Review installation steps to ensure correct setup.
Cold water is consistently warm.	Valve malfunction (allowing too much hot water into cold line).	The valve may need replacement if it's not regulating flow correctly.
Water leaks at connections.	Loose connections. Damaged threads or seals.	Gently tighten connections. Inspect threads and seals for damage; replace if necessary.

If you encounter persistent issues not resolved by these steps, contact Grundfos customer support or a qualified plumbing professional.

8. SPECIFICATIONS

Feature	Detail
Brand	Grundfos
Model Number	595926
Material	Plastic
Color	Black
Product Dimensions	6"L x 2"W x 1"H
Item Weight	2.24 ounces
Power Source	Water system
Connections	Threaded, 1-1/2 inches (compatible with Grundfos Comfort Series pumps)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Grundfos website. For technical support, replacement parts, or further assistance, please contact Grundfos customer service directly.

Note: This manual is intended for informational purposes only and does not replace professional advice or local plumbing regulations.

