

WRS571CIHZ02

Generic Refrigerator Water Inlet Valve Instruction Manual

Model: WRS571CIHZ02 and Compatible Models

1. IMPORTANT SAFETY INFORMATION

Before attempting any installation, maintenance, or troubleshooting, please read and understand all safety instructions. Failure to follow these instructions could result in electric shock, fire, property damage, or personal injury.

- **Disconnect Power:** Always unplug the refrigerator from the electrical outlet before beginning any work.
- **Shut Off Water Supply:** Turn off the main water supply to the refrigerator before disconnecting any water lines.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection.
- **Professional Assistance:** If you are unsure about any step, consult a qualified appliance repair technician.
- **Drain Water:** Be prepared for residual water in the lines when disconnecting. Have towels and a bucket ready.

2. PRODUCT OVERVIEW

This product is a replacement water inlet valve designed for various refrigerator models. The water inlet valve controls the flow of water into the refrigerator's ice maker and water dispenser. When activated, it opens to allow water to pass through, and when deactivated, it closes to prevent water flow.



Image 2.1: Generic Refrigerator Water Inlet Valve. This image displays the typical appearance of the water inlet valve, featuring its solenoid coils and water line connections.

3. COMPATIBILITY

This water inlet valve is compatible with a range of refrigerator models from various brands. Please verify your refrigerator's model number against the list below to ensure proper fit and function.

Compatible Whirlpool Models:

- WRS571CIHW04, WRS588FIHZ04, WRS571CIHB05, WRS571CIHV02, WRS571CIHV05, WRS571CIHW02, WRS571CIHW05, WRS571CIHZ02, WRS571CIHZ04, WRS571CIHZ05, WRS588FIHB04, WRS588FIHV04, WRS588FIHW04, WRS588FIHW06, WRS970CIHZ01, WRS973CIHV01, WRS973CIHZ01

Compatible KitchenAid Models:

- KRSC700HBS01, KRSC700HBS04, KRSC700HBS05, KRSC700HPS01, KRSC700HPS04, KRSC700HPS06, KRSC703HBS01, KRSC703HBS05, KRSC703HPS04, KRSC703HPS05, KRSC705HBS01, KRSC705HBS04, KRSC705HBS05, KRSC705HPS01, KRSC705HPS05

Compatible Kenmore Models:

- 10651783416

4. SETUP AND INSTALLATION

This section provides general guidance for replacing a refrigerator water inlet valve. Specific steps may vary depending on

your refrigerator model. Always refer to your refrigerator's service manual for detailed instructions.

Tools You May Need:

- Screwdrivers (Phillips and Flathead)
- Nut drivers or wrenches
- Pliers
- Towels and a bucket
- Flashlight

Installation Steps:

1. Prepare for Installation:

- Disconnect the refrigerator from the power supply.
- Turn off the household water supply valve to the refrigerator.
- Move the refrigerator away from the wall to access the rear panel.

2. Access the Valve:

- Remove the rear access panel of the refrigerator, typically secured by screws.
- Locate the existing water inlet valve. It will have water lines and electrical wires connected to it.

3. Disconnect Old Valve:

- Place towels and a bucket underneath the valve to catch any residual water.
- Carefully disconnect the water lines from the old valve. Note which line goes to which port.
- Disconnect the electrical wiring harness from the valve.
- Unmount the old valve from its bracket or mounting screws.

4. Install New Valve:

- Mount the new water inlet valve in the same position as the old one.
- Connect the electrical wiring harness to the new valve. Ensure connections are secure.
- Connect the water lines to the appropriate ports on the new valve. Hand-tighten first, then use a wrench for a snug fit, being careful not to overtighten.

5. Test for Leaks:

- Turn on the household water supply valve to the refrigerator.
- Carefully check all connections for leaks. Tighten any leaking connections as needed.
- Do not restore power until you are certain there are no leaks.

6. Final Steps:

- Once no leaks are present, restore power to the refrigerator.
- Replace the rear access panel.
- Push the refrigerator back into its position.
- Test the ice maker and water dispenser functions.

5. OPERATION

The water inlet valve operates automatically in response to commands from the refrigerator's control board.

- When the ice maker calls for water, the control board sends an electrical signal to the valve, opening it to fill the ice mold.
- When the water dispenser lever is pressed, the control board activates the valve, allowing water to flow to the dispenser.
- The valve remains closed when no water is required, preventing continuous water flow.

6. MAINTENANCE

Regular maintenance of the water inlet valve is generally not required. However, periodic checks can help ensure its longevity and proper function.

- **Inspect for Leaks:** Periodically check the connections around the water inlet valve for any signs of water leaks or drips. Address any leaks immediately to prevent water damage.
- **Check Water Pressure:** Ensure your household water pressure is within the recommended range for your refrigerator. Low pressure can affect valve performance, while excessively high pressure can damage it.
- **Filter Replacement:** If your refrigerator has a water filter, ensure it is replaced regularly according to the manufacturer's recommendations. A clogged filter can reduce water flow to the valve.

7. TROUBLESHOOTING

If you experience issues with your refrigerator's water dispenser or ice maker, the water inlet valve may be a contributing factor.

Problem	Possible Cause	Solution
No water from dispenser or ice maker	Water supply turned off Kinked water line Clogged water filter Defective water inlet valve (no power or faulty solenoid)	Ensure water supply valve is open. Check water lines for kinks or blockages. Replace water filter if due. Test valve for continuity and power. Replace if defective.
Slow water flow from dispenser	Low household water pressure Partially clogged water filter Partially clogged water line Weak water inlet valve solenoid	Check household water pressure. Replace water filter. Inspect and clear water lines. Consider replacing the valve if other causes are ruled out.
Water leak at valve connections	Loose connections Damaged water line or fitting Cracked valve housing	Tighten connections (do not overtighten). Inspect and replace damaged lines or fittings. Replace the entire valve if housing is cracked.
Ice maker not producing ice	No water supply to ice maker Defective water inlet valve (ice maker solenoid) Other ice maker component failure	Verify water flow to the ice maker. Test the ice maker solenoid on the valve. Replace if faulty. Consult refrigerator service manual for other ice maker troubleshooting.

Warning: Always disconnect power and water supply before performing any troubleshooting or repairs.

8. SPECIFICATIONS

Feature	Detail
Brand	Generic
Model Number	WRS571CIHZ02
Included Components	Refrigerator water inlet valve
Material	N/A (Material type not specified beyond "N/A")
Unit Count	1.0 Count
Size	Mid

Feature	Detail
ASIN	B0GJZRTQ8Z

9. WARRANTY AND SUPPORT

For specific warranty information regarding this Generic Refrigerator Water Inlet Valve, please refer to the documentation provided with your purchase or contact the seller directly.

If you require further technical assistance or have questions not covered in this manual, please reach out to the retailer or manufacturer's customer support. When contacting support, please have your purchase details and the product's model number (WRS571CIHZ02) readily available.