

795.79772901

Water Inlet Valve Replacement User Manual

For Kenmore Refrigerators - Model: 795.79772901 (and compatible models)

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of the Generic Water Inlet Valve Replacement. This component is crucial for controlling the water supply to your refrigerator's ice maker and water dispenser.



Image 1: Front view of the Water Inlet Valve Replacement.

The valve features two coils, one with 3/16" terminals and the other with 1/4" terminals, designed for specific electrical connections within your appliance.

2. SAFETY INFORMATION

WARNING: Before attempting any repair or installation, always disconnect power to the refrigerator and shut off the water supply. Failure to do so can result in electric shock, water damage, or serious injury.

- Ensure the refrigerator is unplugged from the electrical outlet.
- Turn off the main water supply valve to the refrigerator.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- If you are unsure about any step, consult a qualified appliance technician.

- Keep children and pets away from the work area.

3. COMPATIBILITY

This water inlet valve is a replacement part compatible with numerous Kenmore refrigerator models. It is essential to verify your refrigerator's model number before purchasing and installing this part.

Some of the compatible Kenmore models include, but are not limited to:

- 795.79772901, 795.79772902, 795.79772903
- 795.79773.900, 795.79773.901, 795.79773.902, 795.79773.903
- 795.79754900, 795.79754901, 795.79754902, 795.79754903, 795.79754904, 795.79754905
- 795.79757.900, 795.79757.904, 795.79757.905
- 795.79763.900, 795.79763.904, 795.79763.905
- And many more. Please refer to your appliance's original documentation or consult the seller if you are unsure about compatibility.

This is a non-OEM replacement part manufactured to fit the listed models.

4. SETUP AND INSTALLATION

4.1. Tools Required

- Nut drivers or wrenches (various sizes, typically 1/4", 5/16", 3/8")
- Pliers
- Flathead and Phillips screwdrivers
- Bucket or towels for water collection
- Flashlight (optional)

4.2. Installation Steps

1. **Disconnect Power and Water:** Unplug the refrigerator from the wall outlet. Turn off the water supply valve to the refrigerator. This is usually located behind the refrigerator or under the sink.
2. **Access the Valve:** Carefully pull the refrigerator away from the wall to access the back panel. Using a nut driver or screwdriver, remove the screws securing the lower back access panel. Set the panel and screws aside.
3. **Drain Water:** Place a bucket or towels under the water inlet valve to catch any residual water. Disconnect the water supply line from the old valve. Be prepared for some water to spill.
4. **Disconnect Electrical Connections:** Note the position and orientation of the electrical connectors. Carefully disconnect the wire harnesses from the old water inlet valve. Pay attention to the terminal sizes (3/16" and 1/4") and ensure they match the new valve.
5. **Remove Old Valve:** Locate the mounting screws or clips holding the old valve in place. Remove them and carefully detach the old valve from its mounting bracket.
6. **Install New Valve:** Position the new water inlet valve (Model: 795.79772901) onto the mounting bracket. Secure it with the screws or clips removed earlier. Ensure it is firmly in place.



Image 2: Side view of the valve, showing connection points.

7. **Reconnect Electrical Connections:** Reconnect the wire harnesses to the new valve, ensuring the correct terminal sizes (3/16" and 1/4") are used for each connection. Make sure connections are secure.



Image 3: View highlighting the electrical terminals on the valve.

8. **Reconnect Water Lines:** Reconnect the water supply line to the new valve. Hand-tighten first, then use a wrench to tighten an additional quarter turn. Do not overtighten.
9. **Restore Water Supply:** Slowly turn on the main water supply valve to the refrigerator. Check for any leaks around the connections. If leaks are present, tighten the connections slightly until they stop.
10. **Restore Power and Test:** Plug the refrigerator back into the electrical outlet. Test the water dispenser and ice maker to ensure proper operation. It may take some time for the ice maker to produce ice.
11. **Replace Access Panel:** Once you confirm no leaks and proper operation, replace the back access panel and secure it with its screws. Push the refrigerator back into its position.

5. OPERATION

The water inlet valve is an electromechanical device that opens and closes to allow water to flow into the refrigerator's ice maker and water dispenser. When activated by the refrigerator's control board (e.g., when you press the water dispenser lever or the ice maker calls for water), the valve opens, allowing pressurized water to enter the system. When deactivated, it closes to prevent continuous water flow.

Proper operation of this valve ensures a consistent and controlled supply of water for your refrigerator's functions.

6. MAINTENANCE

The water inlet valve itself typically requires no routine maintenance. However, to ensure its longevity and proper function, consider the following:

- **Water Quality:** If your home has hard water or sediment, consider installing a whole-house water filter or a filter specifically for the refrigerator's water line to prevent mineral buildup in the valve.
- **Leak Checks:** Periodically check the connections around the water inlet valve for any signs of leaks. Address any leaks promptly to prevent water damage.
- **Cleanliness:** Keep the area around the refrigerator's back panel clean and free of dust and debris, which can accumulate and potentially affect components.

7. TROUBLESHOOTING

If you experience issues with your refrigerator's water dispenser or ice maker after replacing the valve, refer to the table below for common problems and potential solutions.

Problem	Possible Cause	Solution
No water from dispenser / No ice production	Water supply valve off Kinked water line Clogged water filter Faulty electrical connection to valve Defective valve (unlikely if newly installed)	Ensure water supply is on Check and straighten water lines Replace water filter Verify electrical connections are secure Consult a technician if valve is suspected faulty
Water leak around valve	Loose water line connection Cracked water line Damaged valve housing	Tighten connections (do not overtighten) Inspect water lines for damage; replace if necessary If valve housing is damaged, replacement may be needed
Slow water flow	Low water pressure Partially clogged water filter Sediment in valve	Check household water pressure Replace water filter Consider professional cleaning or replacement if sediment is an issue

If the problem persists after attempting these solutions, it is recommended to contact a qualified appliance repair technician.

8. SPECIFICATIONS

Attribute	Detail
Brand	Generic
Model Number	795.79772901
Material	Plastic, Rubber
Inlet Connection Type	Waterproof
Number of Ports	2
Valve Type	Globe Valve
UPC	824252679995
Terminal Sizes	One coil 3/16", other coil 1/4"

9. WARRANTY AND SUPPORT

As this is a generic replacement part, specific warranty information may vary depending on the retailer or manufacturer. Please refer to your purchase documentation or contact the seller directly for details regarding warranty coverage and return policies.

For technical support or further assistance with installation or troubleshooting, it is recommended to consult a certified appliance repair professional or refer to Kenmore's official service resources for your specific refrigerator model.

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Disclaimer: This manual is for informational purposes only. Always prioritize safety and consult a professional if unsure.