



Manuals.plus /

- › Estate /
- › ClimaTek Dishwasher Inlet Water Valve User Manual

Estate 8283345

ClimaTek Dishwasher Inlet Water Valve User Manual

Model: 8283345 | Brand: Estate

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective installation, operation, and maintenance of your new ClimaTek Dishwasher Inlet Water Valve. This replacement part is designed to fit Estate dishwashers, specifically compatible with part number 8283345. Please read this manual thoroughly before attempting any installation or service to ensure proper function and to prevent potential damage or injury. Keep this manual for future reference.

IMPORTANT SAFETY INFORMATION

- **Disconnect Power:** Always disconnect the dishwasher from its power supply before beginning any installation, maintenance, or repair work. Failure to do so can result in electric shock.
- **Turn Off Water Supply:** Shut off the main water supply to the dishwasher before disconnecting any water lines. Failure to do so can result in water damage.
- **Professional Installation Recommended:** If you are not comfortable with appliance repair, it is recommended to seek assistance from a qualified technician.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- **Check for Leaks:** After installation, carefully check all connections for water leaks before fully restoring power and water.

PRODUCT OVERVIEW

The ClimaTek Dishwasher Inlet Water Valve is a critical component responsible for controlling the flow of water into your dishwasher. This replacement part ensures proper water intake for wash cycles.

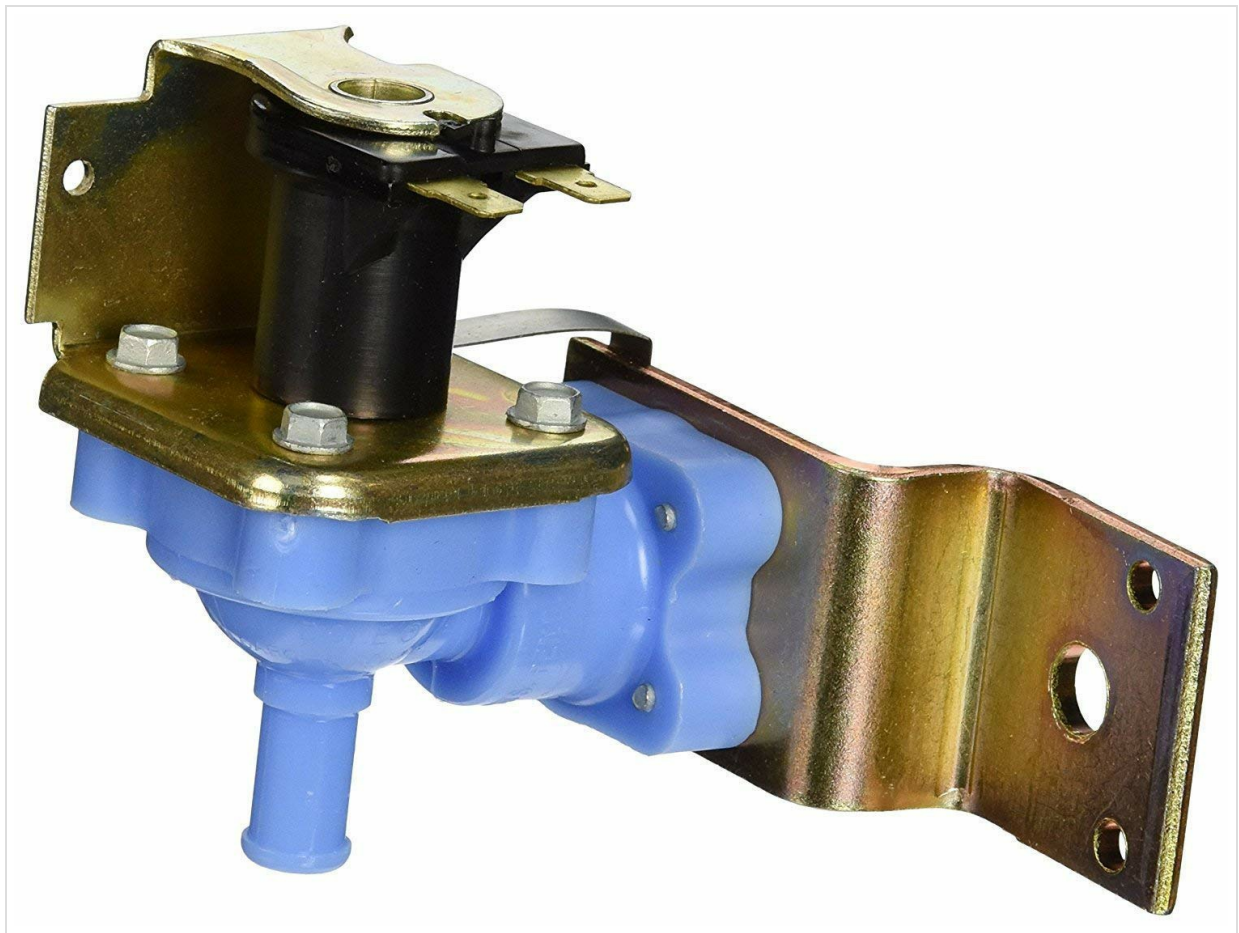


Image Description: A close-up view of the ClimaTek Dishwasher Inlet Water Valve. The valve features a light blue plastic body with a black solenoid coil on top, secured by a gold-colored metal mounting bracket. The bracket has multiple screw holes for attachment. A small, light blue plastic outlet tube extends from the bottom of the valve. The overall construction appears robust, designed for appliance integration.

INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing a dishwasher inlet water valve. Specific steps may vary slightly depending on your dishwasher model. Always refer to your dishwasher's service manual for detailed instructions.

1. **Preparation:** Ensure the dishwasher is disconnected from power and the water supply is turned off. Move the dishwasher away from the wall to access the rear or bottom panel.
2. **Access the Valve:** Locate the existing water inlet valve. This is typically found near where the water supply line connects to the dishwasher. You may need to remove a kick plate or access panel.
3. **Disconnect Water Lines:** Using appropriate tools, disconnect the water supply line from the old valve. Be prepared for a small amount of residual water. Disconnect the internal water line(s) leading from the valve into the dishwasher.
4. **Disconnect Electrical Connections:** Carefully disconnect the electrical wiring from the solenoid on the old valve. Note the orientation of the wires if they are not color-coded.
5. **Remove Old Valve:** Unscrew or unclip the old water inlet valve from its mounting bracket or the dishwasher chassis.
6. **Install New Valve:** Position the new ClimaTek water inlet valve in the same location as the old one. Secure it using the existing screws or clips.
7. **Reconnect Electrical Connections:** Connect the electrical wires to the new valve's solenoid. Ensure connections are secure.
8. **Reconnect Water Lines:** Reattach the internal water line(s) to the new valve. Then, reconnect the main water supply line. Hand-tighten connections first, then use a wrench for a snug fit, being careful not to

overtighten.

- Check for Leaks:** Slowly turn on the main water supply and carefully inspect all connections for any signs of leaks. Tighten connections as needed.
- Restore Power and Test:** Once satisfied there are no leaks, restore power to the dishwasher. Run a short cycle to confirm proper operation and water intake.

OPERATING INSTRUCTIONS

The water inlet valve operates automatically as part of the dishwasher's normal cycle. No direct user interaction is required for its operation. Ensure the dishwasher's water supply is always turned on when the appliance is in use.

MAINTENANCE

The ClimaTek Dishwasher Inlet Water Valve is designed for durability and typically requires minimal maintenance. However, periodic checks can help ensure its longevity:

- Leak Inspection:** Periodically check the area around the water inlet valve and its connections for any signs of water leaks. Address any leaks immediately.
- Filter Screen (if applicable):** Some water inlet valves may have a small filter screen at the inlet connection to prevent debris from entering. If your valve has one, inspect it annually and clean any accumulated sediment. Ensure the water supply is off before checking or cleaning.
- General Cleanliness:** Keep the area around the valve free from dust and debris to prevent potential issues.

TROUBLESHOOTING

If your dishwasher is experiencing water-related issues, the inlet water valve may be a contributing factor. Here are some common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Dishwasher not filling with water	Water supply off, kinked water line, clogged filter screen, faulty valve solenoid.	Ensure water supply is on. Check for kinks in the water line. Clean the filter screen (if present). Test the solenoid for continuity or replace the valve if faulty.
Dishwasher overfilling or continuously filling	Faulty water inlet valve (stuck open).	The valve is likely defective and needs replacement.
Water leaks around the valve	Loose connections, damaged O-rings/gaskets, cracked valve housing.	Tighten connections. Inspect and replace O-rings or gaskets if damaged. Replace the entire valve if the housing is cracked.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified appliance technician.

SPECIFICATIONS

Product Type: Dishwasher Inlet Water Valve

Brand: Estate (Compatible with ClimaTek replacement)

Part Number: 8283345

Material: Stainless Steel (bracket), Plastic (valve body)

Product Dimensions: 2 x 2 x 2 inches

Item Weight: Approximately 0.01 ounces

Inlet Connection Size: 1 Inches

Inlet Connection Type: Compression

Outlet Connection Size: 2 Inches

Outlet Connection Type: Compression

Number of Ports: 2

Manufacturer: Universal (for the original part, ClimaTek for replacement)

WARRANTY AND SUPPORT

For specific warranty information regarding your ClimaTek replacement part, please refer to the documentation provided with your purchase or contact the retailer. For technical support or further assistance, please reach out to the customer service department of the part supplier.