

ClimaTek WP22001604

ClimaTek Washer Water Inlet Valve Instruction Manual

Model: WP22001604

INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of the ClimaTek Washer Water Inlet Valve, model WP22001604. This component is designed as a direct replacement for original equipment manufacturer (OEM) part numbers WP22001604, AP6006223, 22001604, and PS11739290. It is compatible with various washing machine models, including those from Whirlpool. Proper installation and adherence to safety guidelines are crucial for optimal performance and user safety.

SAFETY INFORMATION

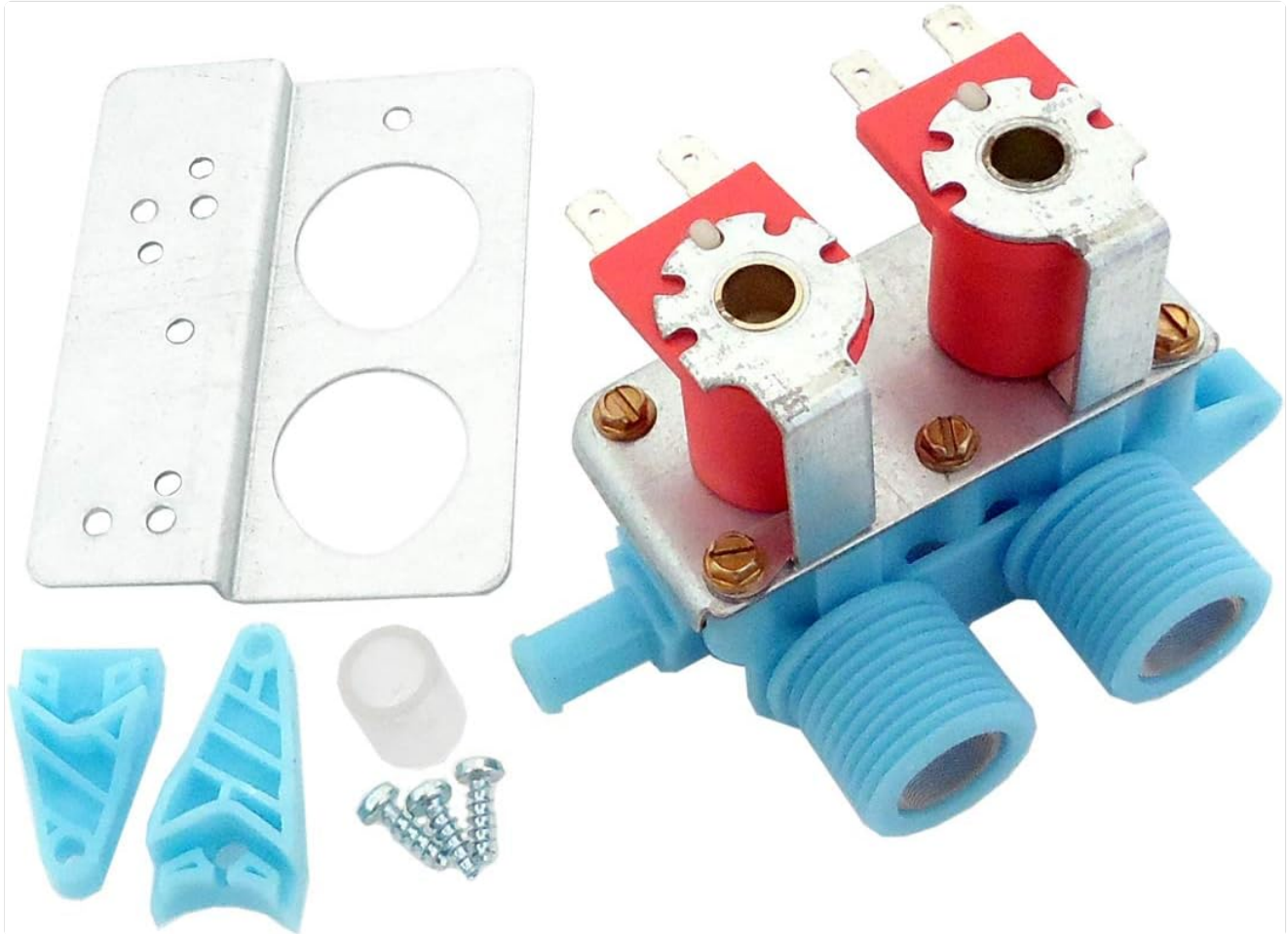
Always prioritize safety when working with appliances. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the washing machine is completely disconnected from its electrical power source. Unplug the appliance or turn off the circuit breaker.
- **Turn Off Water Supply:** Close the hot and cold water supply valves to the washing machine to prevent water leaks.
- **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.
- **Water Pressure:** Ensure household water pressure is within the washing machine manufacturer's recommended range.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- ClimaTek Washer Water Inlet Valve Assembly
- Metal Mounting Bracket
- Installation Screws
- Plastic Hose Retainer Clips (typically blue)
- Rubber Cap (for specific connections, if applicable)



This image displays the complete ClimaTek Washer Water Inlet Valve kit. It features the primary valve component with two red solenoids and blue threaded water inlets, a separate silver-colored metal mounting bracket, and a small bag of installation screws. Also visible are two blue plastic clips and a small white rubber cap, likely for securing hoses or connections.

SETUP AND INSTALLATION

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

1. Preparation:

- Disconnect the washing machine from the electrical outlet.
- Turn off the hot and cold water supply valves to the washing machine.
- Move the washing machine away from the wall to access the rear panel.
- Use a bucket and towels to catch any residual water when disconnecting hoses.

2. Access the Valve:

- Remove the screws securing the rear access panel of the washing machine.
- Carefully remove the panel to expose the internal components, including the water inlet valve.

3. Disconnect Old Valve:

- Disconnect the hot and cold water hoses from the old inlet valve.
- Label and disconnect the electrical wires connected to the solenoids on the old valve. Take a photo for reference if needed.

- Remove any mounting screws or clips securing the old valve to the washing machine chassis.
- Carefully remove the old water inlet valve.

4. Install New Valve:

- Mount the new ClimaTek water inlet valve using the provided metal bracket and screws. Ensure it is securely fastened.
- Connect the electrical wires to the corresponding solenoids on the new valve. Ensure connections are secure and match the original configuration.
- Connect the hot and cold water hoses to the appropriate inlets on the new valve. Hand-tighten, then use a wrench for a quarter turn, being careful not to overtighten.
- Secure any internal hoses or connections with the provided plastic retainer clips or original clamps.

5. Test and Reassemble:

- Slowly turn on the hot and cold water supply valves. Check for any leaks around the valve and hose connections. Tighten if necessary.
- Reconnect the washing machine to the electrical power source.
- Run a short wash cycle to verify proper operation and check for leaks under pressure.
- Once satisfied, replace the rear access panel and secure it with screws.
- Push the washing machine back into its original position.

OPERATING PRINCIPLES

The water inlet valve is an electrically controlled device that regulates the flow of water into the washing machine tub. It typically consists of two solenoids, one for hot water and one for cold water. When the washing machine's control board sends an electrical signal to a solenoid, it opens a diaphragm, allowing water to flow into the machine. The valve closes when the signal is removed, stopping the water flow. This precise control ensures the correct water temperature and fill level for each wash cycle.

MAINTENANCE

Regular maintenance of the water inlet valve is generally not required beyond ensuring secure connections and checking for leaks. However, consider the following:

- **Inspect for Leaks:** Periodically check the water inlet hoses and valve connections for any signs of leaks or drips. Address any leaks immediately to prevent water damage.
- **Clean Inlet Screens:** Many water inlet valves have small screens at the hose connections to filter out sediment. If water flow is restricted, these screens may need to be cleaned. Turn off water, disconnect hoses, remove and clean screens, then reassemble.
- **Avoid Harsh Chemicals:** Do not use harsh cleaning agents or solvents near the valve, as they can damage plastic or rubber components.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No water entering washer	Water supply valves closed, clogged inlet screens, faulty valve solenoid, kinked hoses.	Ensure water supply is on. Clean inlet screens. Check for kinks in hoses. Test valve solenoids for continuity (requires multimeter and technical knowledge).
Slow water fill	Partially clogged inlet screens, low household water pressure.	Clean inlet screens. Verify adequate household water pressure.
Washer continuously fills with water (even when off)	Faulty water inlet valve (diaphragm stuck open).	Replace the water inlet valve.
Water leaks from valve or hoses	Loose connections, cracked valve housing, worn hose washers.	Tighten hose connections. Inspect valve for cracks. Replace hose washers if worn.

Note: For electrical testing or complex diagnostics, it is recommended to consult a qualified technician.

SPECIFICATIONS

- **Brand:** ClimaTek
- **Model Number:** WP22001604
- **Replaces Part Numbers:** AP6006223, 22001604, PS11739290
- **Product Dimensions:** Approximately 6 x 6 x 6 inches
- **Item Weight:** Approximately 12 ounces
- **Compatibility:** Designed for various washing machine models, including Whirlpool. Verify compatibility with your specific appliance model before purchase and installation.

WARRANTY INFORMATION

For specific warranty details regarding your ClimaTek Washer Water Inlet Valve, please refer to the warranty documentation included with your purchase or visit the official ClimaTek website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

SUPPORT

If you require further assistance, have questions about installation, or need to troubleshoot an issue not covered in this manual, please contact ClimaTek customer support. Contact information can typically be found on the product packaging or the official ClimaTek website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question