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> inruwo Cold Water Inlet Valve for Samsung WA40J3000AW Series Washing Machines

inruwo WA40J3000AW

inruwo Washing Machine Cold Water Inlet Valve Instruction Manual

Brand: inruwo | **Model Series:** Samsung WA40J3000AW, WA45M3100AW, WA45N3050AW, WA45T3200AW

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of your inruwo Cold Water Inlet Valve for Samsung washing machines. Please read this manual thoroughly before attempting any installation or repair to ensure proper function and safety.

The water inlet valve controls the flow of water into your washing machine. A malfunctioning valve can lead to issues such as no water filling, slow filling, or continuous filling. This replacement part is designed to restore proper water flow to your appliance.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock and Water Damage.

- Always unplug the washing machine from the electrical outlet before attempting any installation or repair.
- Turn off the main water supply to the washing machine before beginning installation.
- Wear appropriate personal protective equipment, such as work gloves, to protect your hands during installation.
- Ensure all connections are secure and leak-free before restoring power and water supply.

3. PRODUCT OVERVIEW

The inruwo Cold Water Inlet Valve is a replacement component for compatible Samsung washing machines. It features two solenoid coils and is designed with one inlet and two outlets to manage water distribution within the appliance.



Figure 1: Front view of the inruwo cold water inlet valve. This image shows the main body of the valve, including the threaded inlet connection on the left and the two solenoid coils on top. A label with part number 33490374/349 is visible.

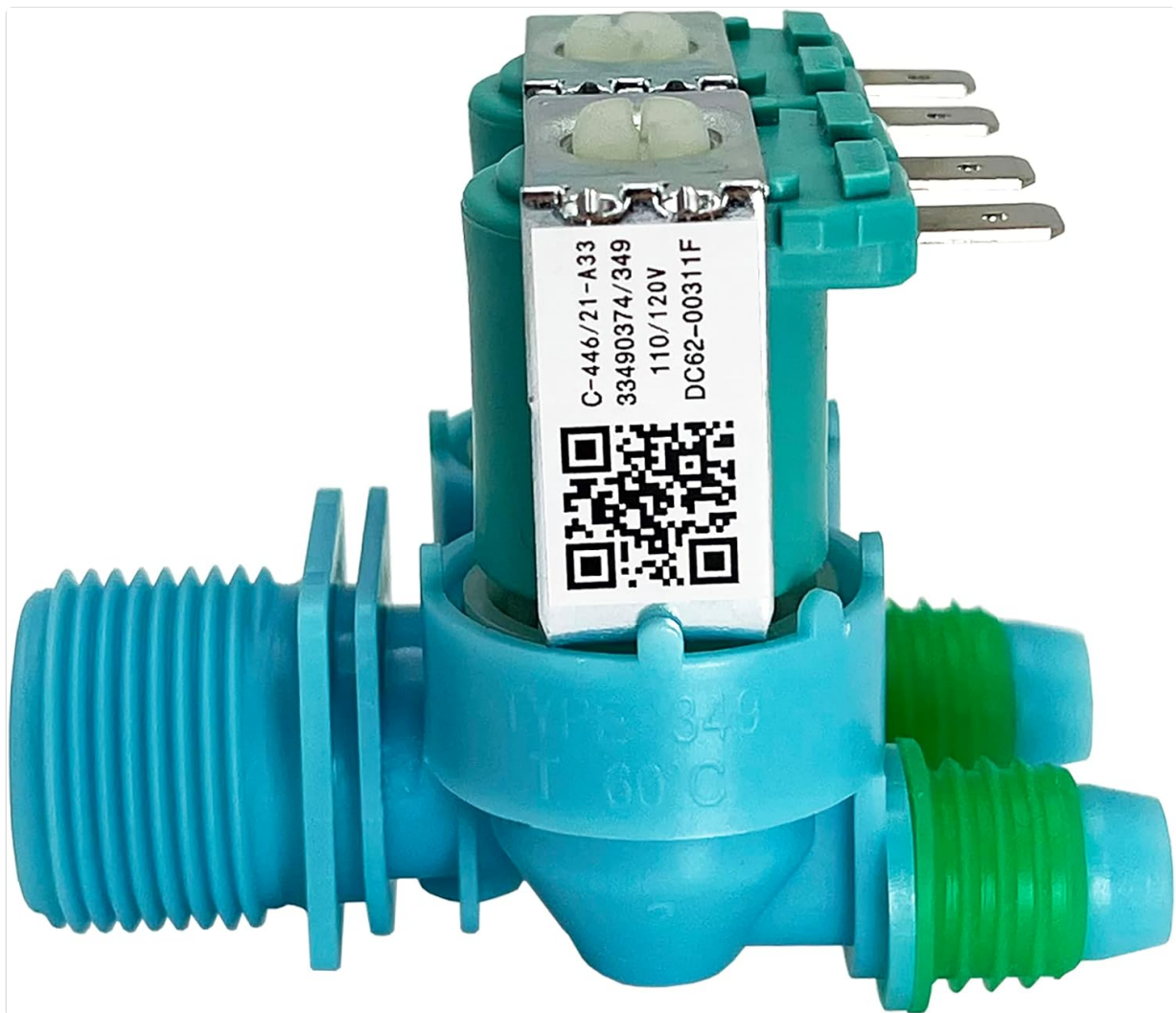


Figure 2: Side view of the inruwo cold water inlet valve. This perspective highlights the threaded inlet on the left and the two barb-type outlets on the right, which connect to the washing machine's internal hoses. The label with part number 33490374/349 is also visible.



Figure 3: Angled view of the inruwo cold water inlet valve. This image provides a clearer view of the electrical terminals located above the solenoid coils, where the washing machine's wiring harness connects. The label with part number 33490374/349 is also visible.

The valve operates at 120V, 50/60Hz, and is constructed from durable plastic. It is designed for a direct fit replacement in specified Samsung washing machine models.

4. COMPATIBILITY

This cold water inlet valve is compatible with the following Samsung washing machine models:

- WA40J3000AW/A2-01
- WA40J3000AW/A2-11
- WA40J3000AW/A2-12
- WA40J3000AW/A2-13
- WA40J3000AW/AA-11
- WA40J3000AW/AA-12
- WA40J3000AW/AA-13
- WA45M3100AW/A4-00

- WA45N3050AW/A4-00
- WA45N3050AW/A4-01
- WA45T3200AW/A4-00
- WA44A3205AW/A4-00

Please verify your washing machine's model number before purchasing and installing this part to ensure compatibility.

5. INSTALLATION INSTRUCTIONS

Follow these steps carefully to replace the cold water inlet valve:

1. Prepare for Installation:

- Unplug the washing machine from the electrical outlet.
- Turn off the cold water supply valve to the washing machine.
- Disconnect the cold water supply hose from the back of the washing machine. Have a bucket ready to catch any residual water.
- Wear work gloves to protect your hands.

2. Access the Valve:

- Depending on your washing machine model, you may need to remove the rear access panel or the top panel to gain access to the water inlet valve. Refer to your washing machine's service manual for specific instructions on accessing internal components.

3. Disconnect the Old Valve:

- Carefully disconnect the electrical wiring harness from the solenoid coils of the old valve.
- Remove any clamps or fasteners securing the internal hoses to the valve's outlets. Disconnect these hoses.
- Unscrew or unclip the old water inlet valve from its mounting bracket or the washing machine chassis.

4. Install the New Valve:

- Position the new inruwo water inlet valve in the same location as the old one and secure it with the appropriate screws or clips.
- Connect the internal hoses to the valve's outlets, ensuring they are securely clamped.
- Reconnect the electrical wiring harness to the solenoid coils. Ensure the connections are firm.

5. Reassemble and Test:

- Reattach any panels removed to access the valve.
- Reconnect the cold water supply hose to the threaded inlet of the new valve. Hand-tighten, then use a wrench for an additional quarter turn, being careful not to overtighten.
- Slowly turn on the cold water supply and check for any leaks around the connections. Tighten if necessary.
- Plug the washing machine back into the electrical outlet.
- Run a short wash cycle to confirm proper operation and check for leaks again.

6. OPERATION

Once correctly installed, the cold water inlet valve operates automatically in conjunction with your washing machine's control system. It opens to allow cold water into the tub during fill cycles and closes to stop the flow when the desired water level is reached or the cycle changes.

No manual operation of the valve itself is required after installation.

7. MAINTENANCE

The inruwo cold water inlet valve is designed for durability and typically requires minimal maintenance. However, periodic checks can help ensure its longevity and prevent issues:

- **Leak Inspection:** Periodically check the connections to the valve for any signs of water leaks. Address any leaks immediately by tightening connections or replacing seals if necessary.
- **Inlet Screen Cleaning:** The threaded inlet connection often contains a small screen filter to prevent debris from entering the valve. If you experience slow water fill, turn off the water supply, disconnect the inlet hose, and inspect this screen. Clean it gently with a brush under running water if it appears clogged.

Always disconnect power and water supply before performing any maintenance.

8. TROUBLESHOOTING

If you encounter issues after installing the new water inlet valve, consider the following:

Problem	Possible Cause	Solution
Washing machine does not fill with cold water.	Water supply valve is off. Inlet screen is clogged. Electrical connection to valve is loose or faulty. Faulty solenoid coil.	Ensure cold water supply valve is fully open. Clean the inlet screen (see Maintenance). Check electrical connections for tightness. If other solutions fail, the valve may be faulty; consider professional diagnosis.
Slow cold water fill.	Partially closed water supply valve. Partially clogged inlet screen. Low household water pressure.	Ensure water supply valve is fully open. Clean the inlet screen. Consult a plumber if household water pressure is consistently low.
Water leaks from valve connections.	Loose hose connections. Damaged rubber washers/seals. Cracked valve housing.	Tighten hose connections (do not overtighten). Replace damaged washers or seals. If valve housing is cracked, the valve needs replacement.

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

9. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Voltage	120V
Frequency	50/60Hz
Solenoid Coils	2
Inlets	1
Outlets	2
Material	Plastic
Color	Blue
Item Dimensions (L x W x H)	Approximately 1 x 1 x 1 inches
Item Weight	Approximately 5.3 ounces
Inlet Connection Type	Threaded (Standard Washer Hose)
Outlet Connection Type	Barb
Manufacturer Part Number (on label)	33490374/349

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the terms provided by your retailer or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

If you require technical assistance or have questions regarding this product, please reach out to the seller or manufacturer's customer service department.