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## Whirlpool W11089236

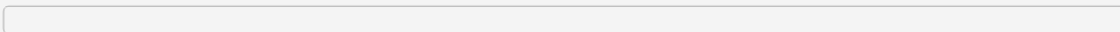


# Whirlpool W11089236 Refrigerator Control Board User Manual

## 1. OVERVIEW

The Whirlpool W11089236 is a genuine OEM (Original Equipment Manufacturer) control board designed for Whirlpool and KitchenAid refrigerators. This essential component manages critical refrigerator functions, including cooling cycles and defrost times, ensuring optimal performance of your appliance.

This control board replaces several previous part numbers, including W10755479, W10830188, and W10887254. It is crucial to verify compatibility with your specific refrigerator model before purchasing or installing this part.



**Figure 1:** Important reminder to verify part compatibility with your appliance model number before proceeding with replacement.

## 2. SAFETY INFORMATION

**WARNING:** Before attempting any repair or installation, always disconnect power to the appliance by unplugging it or turning off the circuit breaker. Failure to do so can result in electrical shock, serious injury, or death.

- Always wear appropriate personal protective equipment, such as gloves and safety glasses.
- Appliance repairs should only be performed by qualified technicians. If you are unsure about any step, consult a professional.
- Handle electronic components with care to avoid static discharge damage.
- Keep children and pets away from the work area.

## 3. INSTALLATION GUIDE

This section provides general guidance for replacing a refrigerator control board. For detailed, model-specific instructions, always refer to your appliance's official service manual or a qualified technician.

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet or turn off the circuit breaker supplying

power to the appliance.

2. **Access the Control Board:** Locate the control board compartment, typically found at the back of the refrigerator or behind a kick plate. You may need to remove screws or panels to gain access.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the existing control board. This will be crucial for correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Note that some connectors may have locking tabs that need to be pressed or lifted.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Position the new Whirlpool W11089236 control board in the same location and secure it using the original screws or clips.
7. **Reconnect Wires:** Using your photos or diagram, carefully reconnect all wire harnesses and connectors to the new control board. Ensure all connections are secure and properly seated.
8. **Reassemble:** Replace any panels or covers that were removed to access the board.
9. **Restore Power:** Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.
10. **Test Operation:** Monitor the refrigerator to ensure it powers on and functions correctly (e.g., compressor starts, lights work, cooling begins).

**Figure 2:** The Whirlpool W11089236 Refrigerator Control Board, illustrating its compact design and connection points.

**Figure 3:** Schematic representation of the W11089236 control board, useful for identifying component placement and connection points during installation.

## 4. OPERATION

The Whirlpool W11089236 Refrigerator Control Board operates automatically once installed and powered. It acts as the central processing unit for your refrigerator, continuously monitoring temperature sensors and user settings to regulate the compressor, fans, and defrost heater. There are no direct user controls on the board itself; its function is entirely internal to the appliance's operation.

## 5. MAINTENANCE

The Whirlpool W11089236 Refrigerator Control Board is a sealed electronic component and does not require routine user maintenance. To ensure its longevity and proper function, it is recommended to:

- Ensure the area around the control board is kept clean and free of dust or debris.
- Avoid exposing the refrigerator to extreme temperatures or humidity, which can affect electronic components.
- Ensure proper ventilation around the refrigerator to prevent overheating of internal components.

Do not attempt to clean the board with liquids or abrasive materials. If the board appears damaged or corroded, it should be replaced by a qualified technician.

## 6. TROUBLESHOOTING

If your refrigerator is experiencing issues after replacing the control board, or if you suspect the control board is faulty, consider the following basic troubleshooting steps. For complex issues, professional diagnosis is

recommended.

- **No Power:** Ensure the refrigerator is securely plugged into a working outlet and the circuit breaker has not tripped. Check all wire connections to the control board for looseness.
- **Refrigerator Not Cooling:** Verify that the refrigerator door is sealing properly. Check if the compressor is running. A faulty control board can prevent the compressor from activating.
- **Defrost Issues:** If the freezer is building up excessive ice, the control board's defrost cycle management might be compromised.
- **Intermittent Operation:** If the refrigerator cycles on and off erratically, or functions intermittently, it could indicate an issue with the control board's internal logic.
- **Error Codes:** Some refrigerators display error codes on their control panel. Consult your appliance's user manual to interpret these codes, as they often point to specific component failures, including the control board.

If these basic checks do not resolve the issue, it is advisable to contact a certified appliance technician for further diagnosis and repair.

## 7. SPECIFICATIONS

Specification	Detail
Manufacturer	Whirlpool
Part Number	W11089236
Item Weight	1 pounds
Product Dimensions	1 x 1 x 1 inches
Item Model Number	W11089236
Included Components	Single Whirlpool W11089236 Refrigerator Control Board
Batteries Required?	No

## 8. WARRANTY AND SUPPORT

According to product specifications, the Whirlpool W11089236 Refrigerator Control Board has a warranty description of "Not Applicable." Please refer to the retailer's return policy or your appliance's original warranty for coverage on parts and labor related to repairs.

For further assistance, technical support, or to locate authorized service providers, please visit the official Whirlpool website or contact Whirlpool customer service directly. You can find more information and products at the Whirlpool Store on Amazon.