

## Frigidaire 137108000

# Frigidaire 137108000 Drain Pump Instruction Manual

Model: 137108000

## 1. INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your Frigidaire 137108000 Drain Pump. This genuine replacement part is designed for use in washing machines to effectively remove water during the drain cycle. Please read these instructions carefully before proceeding with installation or any service to ensure safe and correct usage.

## 2. SAFETY INFORMATION

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**WARNING:** To reduce the risk of electric shock, fire, or injury to persons, read all instructions before installing or servicing this appliance part.

- Always disconnect the appliance from the power supply before attempting any installation, repair, or maintenance.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- Ensure all water lines are shut off and any residual water is drained before beginning work.
- If you are unsure about any part of the installation process, consult a qualified technician.
- Keep children and pets away from the work area.

## 3. PRODUCT OVERVIEW

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The Frigidaire 137108000 Drain Pump is a critical component for your washing machine's drainage system. It is responsible for pumping water out of the wash tub during the drain and spin cycles.



**Figure 1:** Front view of the Frigidaire 137108000 Drain Pump. This image shows the main body and the inlet/outlet ports of the pump.



**Figure 2:** Side view of the Frigidaire 137108000 Drain Pump. This view highlights the motor housing and electrical connections.

## 4. INSTALLATION

This section outlines the general steps for replacing a washing machine drain pump. Specific steps may vary depending on your washing machine model. Refer to your appliance's service manual for detailed instructions.

### Tools Required:

- Channel lock pliers
- Stubby screwdriver or small socket wrench set
- Bucket or shallow pan for draining water
- Towels
- New screw-type hose clamps (recommended over spring clamps for easier installation and better seal)

### Installation Steps:

1. **Disconnect Power:** Unplug the washing machine from the electrical outlet.
2. **Shut Off Water Supply:** Turn off the hot and cold water supply valves to the washer.
3. **Drain Residual Water:** Place a bucket or shallow pan under the drain hose and lower the hose to drain any remaining water from the tub.
4. **Access the Pump:** Depending on your washer model, you may need to remove the front panel, rear panel, or tilt the machine back to access the drain pump.
5. **Disconnect Hoses:** Use channel lock pliers to loosen and remove the hose clamps securing the inlet and outlet hoses to the old drain pump. Be prepared for some water spillage.
6. **Disconnect Wiring:** Carefully disconnect the electrical wiring harness from the old pump. Note the orientation if necessary.

7. **Remove Old Pump:** Unscrew any mounting screws or release clips holding the old pump in place and remove it.
8. **Install New Pump:** Position the new Frigidaire 137108000 Drain Pump in the same location and secure it with the mounting screws or clips.
9. **Reconnect Hoses:** Attach the inlet and outlet hoses to the new pump. Secure them tightly with new screw-type hose clamps to prevent leaks.
10. **Reconnect Wiring:** Connect the electrical wiring harness to the new pump.
11. **Reassemble Washer:** Reattach any panels removed during access.
12. **Test Operation:** Turn on the water supply, plug in the washing machine, and run a short drain or rinse cycle to check for proper function and leaks.

## 5. OPERATION

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The Frigidaire 137108000 Drain Pump operates automatically as part of your washing machine's cycle. When the washer enters a drain or spin phase, the control board activates the pump to remove water from the wash tub. No manual intervention is required for its normal operation.

## 6. MAINTENANCE

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Regular maintenance can extend the life of your drain pump and prevent common issues.

- **Check for Debris:** Periodically inspect the drain pump filter (if accessible on your washer model) and the pump's impeller for lint, coins, socks, or other foreign objects that can obstruct flow or damage the pump.
- **Clean Drain Hose:** If drainage issues occur, consider purging or cleaning the drain hose to remove any blockages.
- **Inspect Hoses:** Check the inlet and outlet hoses connected to the pump for cracks, kinks, or loose connections that could lead to leaks.

## 7. TROUBLESHOOTING

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If you experience problems with your washing machine's drainage, the following troubleshooting steps may help.

### Common Issues and Solutions:

- **Washer Not Draining:**
  - Ensure the drain hose is not kinked or clogged.
  - Check the pump filter for obstructions.
  - Verify that the pump is receiving electrical power.
  - The pump impeller may be damaged or seized.
- **Noisy Operation:**
  - A new pump may operate with a slightly different sound than an old, failing pump. This is often normal.
  - Excessive noise could indicate debris caught in the impeller or a worn motor bearing. Disconnect power and inspect.
- **Leaks Around Pump:**
  - Check all hose connections to ensure they are tight and properly sealed, especially if new screw-type hose clamps were not used or tightened sufficiently.
  - Inspect the pump housing for cracks or damage.

If these steps do not resolve the issue, it may be necessary to consult a qualified appliance repair technician.

## 8. SPECIFICATIONS

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<b>Brand</b>	Frigidaire
<b>Model Number</b>	137108000
<b>Part Number</b>	137108000
<b>Material</b>	Stainless Steel (or potentially Plastic or another material)
<b>Product Dimensions</b>	1.5"L x 2.5"W x 3.5"H
<b>Item Weight</b>	1.6 Pounds
<b>Power Source</b>	AC/DC
<b>Manufacturer</b>	Broan
<b>GTIN / UPC</b>	851535007640, 852670978871, 717449034007

## 9. WARRANTY AND SUPPORT

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This Frigidaire genuine replacement part is covered by the manufacturer's standard warranty. For specific warranty details, claims, or technical support, please refer to the documentation provided with your original appliance or visit the official Frigidaire website. Keep your purchase receipt as proof of purchase for warranty purposes.

For further assistance, you may contact Frigidaire customer service through their official channels.