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› [Supco](#) /

› Supco LP1600 Washing Machine Drain Pump Instruction Manual for Electrolux Frigidaire 137221600

Supco LP1600

Supco LP1600 Washing Machine Drain Pump Instruction Manual

For Electrolux and Frigidaire Washing Machines (Replaces Part 137221600)

INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of the Supco LP1600 Washing Machine Drain Pump. This component is designed as a direct replacement for original drain pumps in compatible Electrolux and Frigidaire washing machines, specifically replacing part number 137221600. Please read this manual thoroughly before attempting any installation or repair.

SAFETY INFORMATION

Your safety and the safety of others are very important. Always observe the following safety precautions when working with appliances:

- **Disconnect Power:** Always unplug the washing machine from its power source before attempting any service or repair. Failure to do so can result in electric shock or serious injury.
- **Water Shut-off:** Turn off the water supply to the washing machine to prevent flooding.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as work gloves and safety glasses, to prevent injury.
- **Professional Installation Recommended:** If you are not comfortable performing appliance repairs, it is highly recommended to seek assistance from a qualified appliance technician.
- **Drain Residual Water:** Be prepared for residual water in the pump and hoses. Have towels and a shallow pan ready.

PRODUCT OVERVIEW

The Supco LP1600 is a replacement drain pump designed to efficiently remove water from your washing machine's tub during the drain and spin cycles. It is a critical component for proper washer operation.



Image 1: The Supco LP1600 Washing Machine Drain Pump shown in its retail packaging, indicating the brand and model number.

INSTALLATION GUIDE

Before You Begin

- Ensure the washing machine is unplugged and the water supply is turned off.
- Gather necessary tools, which may include screwdrivers, pliers, a bucket, and towels.
- Consult your specific washing machine's service manual for detailed instructions on accessing the drain pump. Access methods vary by model.

Step-by-Step Installation

1. **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.
2. **Drain Residual Water:** Place a shallow pan or towels under the pump area to catch any remaining water from the hoses.
3. **Disconnect Hoses:** Carefully disconnect the inlet and outlet hoses from the old drain pump. Note their positions for correct reattachment.
4. **Disconnect Wiring:** Unplug the electrical connector(s) from the old pump.
5. **Remove Old Pump:** Unmount the old drain pump from its housing or bracket. This may involve removing screws or releasing clips.
6. **Install New Pump:** Position the Supco LP1600 drain pump in the same location and secure it using the original mounting hardware.
7. **Reconnect Hoses and Wiring:** Attach the inlet and outlet hoses securely to the new pump. Reconnect the electrical connector(s). Ensure all connections are tight to prevent leaks and ensure proper electrical contact.
8. **Reassemble Washer:** Reattach any panels or components that were removed to access the pump.
9. **Test Operation:** Restore water supply and plug in the washing machine. Run a short drain or rinse/spin cycle to check for proper drainage and leaks.



BPX401-72J DRAIN PUMP
AC120V 60Hz
80W 1.4A CI.155
S3 10minON 50minOFF
C[®] FUJUS No. 181118
E284223
LEILI CHANGZHOU CHINA

Image 2: A side view of the Supco LP1600 drain pump, highlighting the motor housing and the electrical connection port.

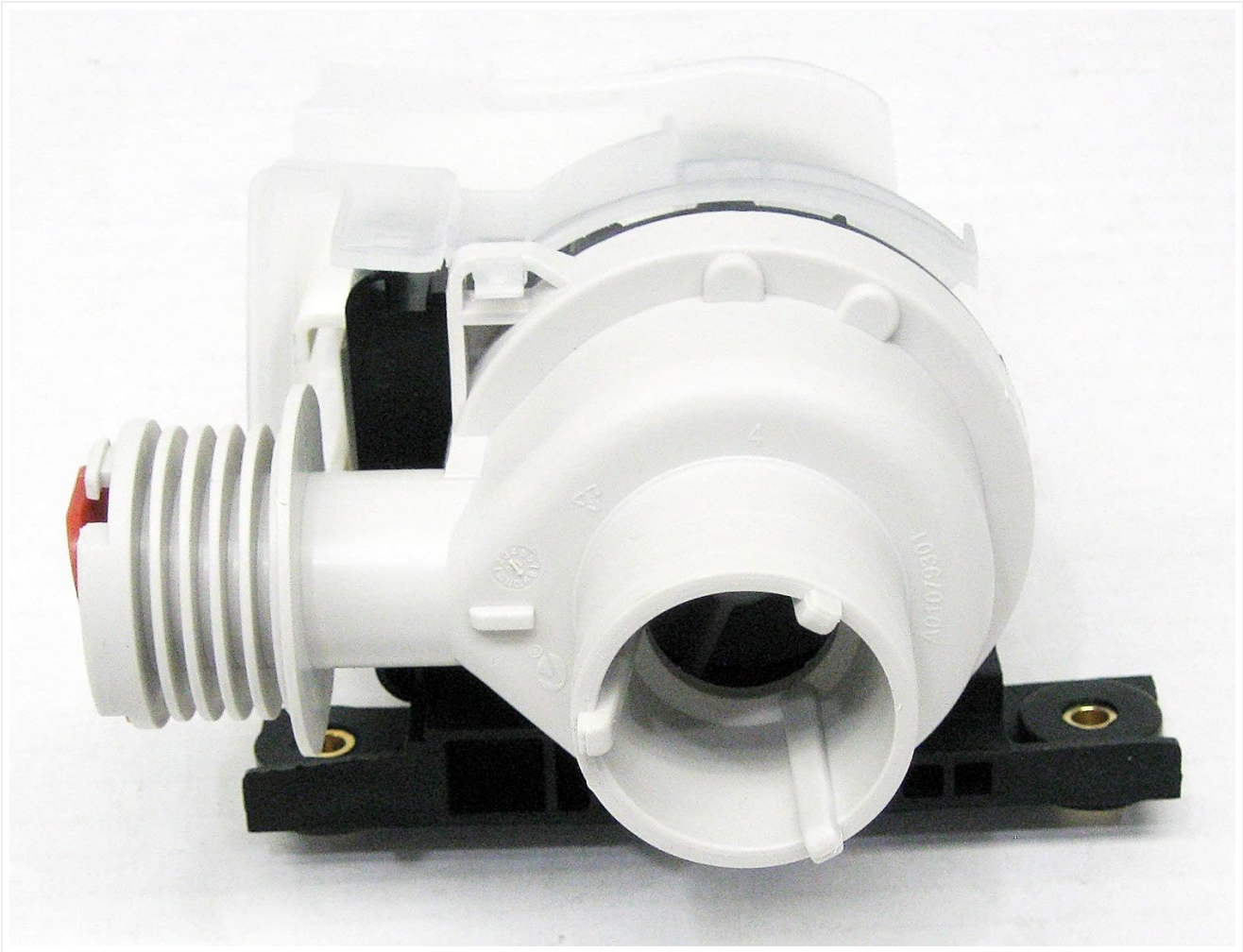


Image 3: A front view of the Supco LP1600 drain pump, displaying the water outlet port where the drain hose connects.

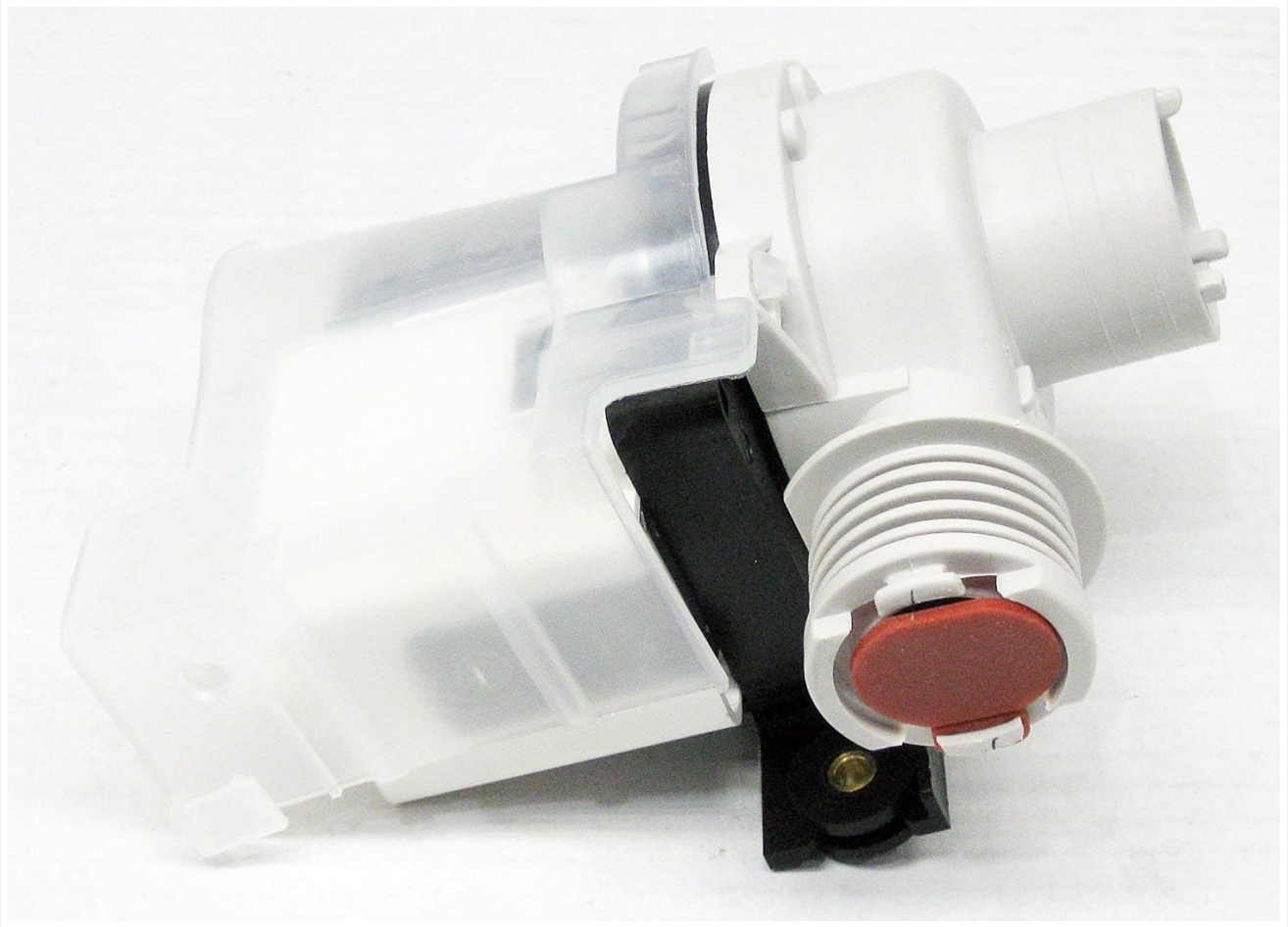


Image 4: An angled view of the Supco LP1600 drain pump, illustrating the water inlet and the transparent housing.

OPERATION

The Supco LP1600 drain pump operates automatically as an integral part of your washing machine's cycle. When the washer's control board initiates a drain or spin cycle, it sends an electrical signal to the pump. The pump then activates, using its impeller to force water out of the washer tub and through the drain hose, effectively removing wastewater from the appliance.

MAINTENANCE

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

- **Check for Blockages:** Periodically inspect the drain pump filter (if accessible on your washer model) and the pump's impeller area for lint, small objects, or debris that could impede water flow.
- **Inspect Hoses:** Check the drain hoses for kinks, cracks, or blockages that could restrict water flow.
- **Avoid Overloading:** Overloading the washing machine can put undue stress on the drain system, including the pump.

TROUBLESHOOTING COMMON ISSUES

If your washing machine is experiencing drainage problems, the drain pump may be a factor. Use the table below for common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Washer not draining at all.	Clogged drain pump or hose, faulty drain pump, electrical issue.	Check for clogs in the pump and hoses. Verify electrical connection to the pump. If no clogs, the pump may need replacement.
Washer drains slowly.	Partial clog in pump or hose, weak drain pump.	Clear any partial blockages. If the issue persists, the pump may be weakening and require replacement.
Loud noise during drain cycle.	Debris in the pump impeller, worn pump bearings.	Disconnect power and inspect the pump impeller for foreign objects. If no debris, the pump may be failing and require replacement.
Water leaking from pump area.	Loose hose connections, cracked pump housing, worn seals.	Check and tighten all hose clamps. Inspect the pump housing for cracks. If seals are worn, the pump may need replacement.

PRODUCT SPECIFICATIONS

- **Part Number:** LP1600
- **Replaces:** Electrolux/Frigidaire Part 137221600
- **Item Model Number:** LP1600
- **Manufacturer:** SUPCO
- **Item Weight:** Approximately 2.94 pounds
- **Product Dimensions:** Approximately 10 x 6 x 6 inches
- **Color:** Red (flapper)
- **UPC:** [687152247387](#)
- **ASIN:** B0711XRLJP

WARRANTY INFORMATION

For specific warranty details regarding the Supco LP1600 Washing Machine Drain Pump, please refer to the official Supco website or the product packaging. Warranty terms and conditions may vary.

CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need technical support, please contact Supco customer service directly. Alternatively, consult a qualified appliance repair technician for professional help.