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› UpStart Components W10276397 Washer Drain Pump Replacement User Manual

## UpStart Components AP-WPW10276397-DL167

# UpStart Components W10276397 Washer Drain Pump Replacement User Manual

Model: AP-WPW10276397-DL167

## INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your UpStart Components W10276397 Washer Drain Pump Replacement. This part is designed to be compatible with various washing machine models, including Amana NTW4630YQ0 and those requiring WPW10276397. Please read this manual thoroughly before attempting any installation or repair to ensure safe and proper use.

## SAFETY INFORMATION

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

- **Disconnect Power:** Before beginning any repair or installation, always unplug the washing machine from its power source or turn off the circuit breaker to prevent electrical shock.
- **Turn Off Water Supply:** Close the hot and cold water supply valves to the washing machine to prevent water leaks.
- **Drain Water:** Ensure all water is drained from the washing machine before attempting to remove or install the drain pump.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses, to protect against sharp edges, water, and electrical components.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.
- **Part Verification:** Double-check that this replacement part (W10276397) is the correct one for your specific washing machine model before installation. Refer to your appliance's original manual or part number.

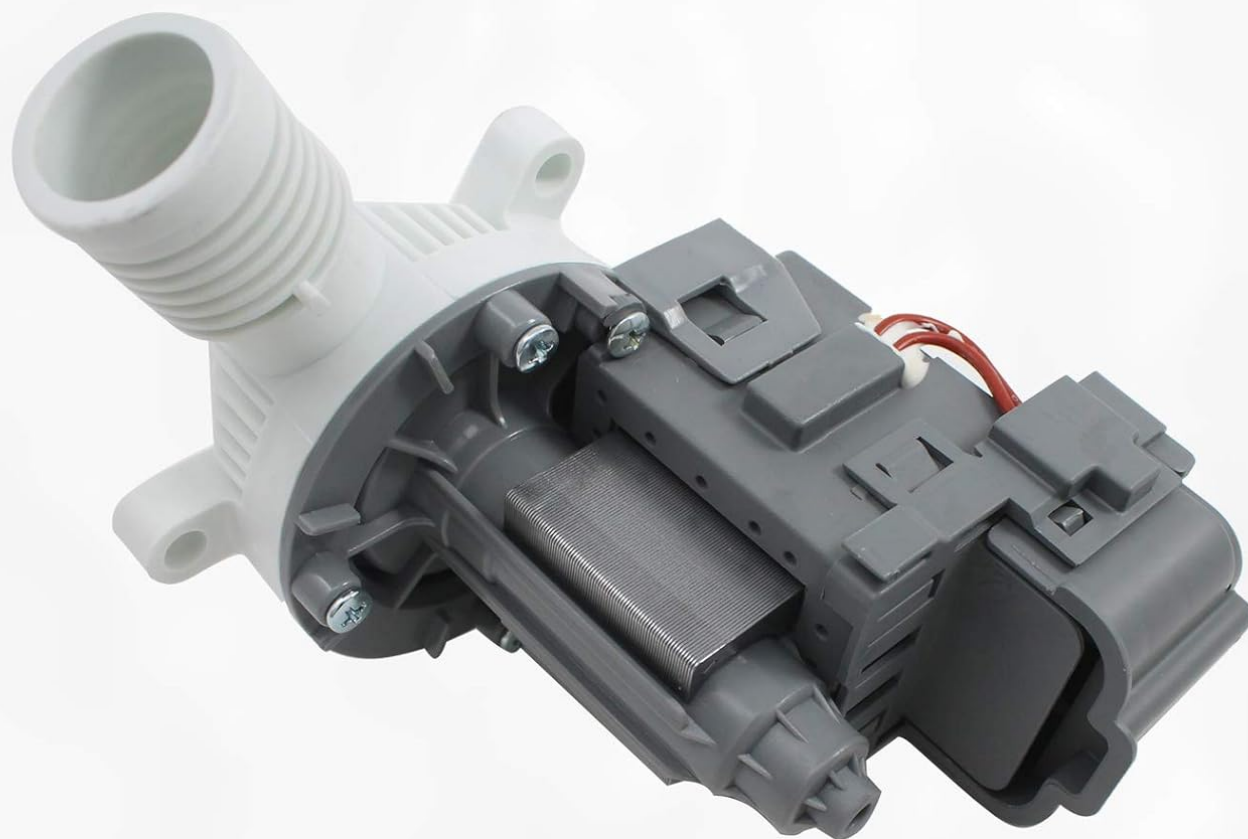
## PRODUCT OVERVIEW

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The W10276397 Washer Drain Pump is a critical component responsible for removing water from your washing machine during the drain cycle. This replacement part is designed for durability and ease of installation.



# Components



**Figure 1:** The UpStart Components W10276397 Washer Drain Pump. This image shows the overall design of the pump, including the motor housing and the water inlet/outlet ports. The UpStart Components logo is visible in the background.



**Figure 2:** An angled view of the W10276397 drain pump, highlighting the robust construction and the various connection points. This perspective provides a clearer look at the pump's internal motor section and the plastic housing.



**Figure 3:** Side view of the drain pump, showing the product label with electrical specifications such as voltage (120V), frequency (60Hz), and current (0.95A). This label is crucial for verifying compatibility.



**Figure 4:** Another side view, focusing on the electrical connector and the red wires that supply power to the pump motor. Proper connection of these wires is essential for the pump's function.



**Figure 5:** A view from the bottom of the drain pump, providing a different perspective on its mounting points and the overall compact design. The label with specifications is also visible from this angle.

### Key Features:

- Ultra durable, high quality material resists wear and tear over time.
- Easy at-home installation.
- An affordable way to extend the life of your machine.
- Compatible with WPW10276397 Washing Machine Water Pump for Part Number WPW10276397, AP6018417, W10276397, PS11751719, WPW10276397VP.

### SETUP AND INSTALLATION

Replacing a washer drain pump typically involves accessing the pump from the front or bottom of the washing machine. The exact steps may vary by washer model. Always refer to your specific washing machine's service manual for detailed

instructions.

1. **Preparation:** Ensure the washing machine is unplugged and the water supply is turned off. Move the washer away from the wall to allow access.
2. **Access the Pump:** Depending on your washer model, you may need to tilt the washer back, remove the front panel, or remove the back panel to gain access to the drain pump.
3. **Drain Residual Water:** Place a shallow pan or towels under the pump area to catch any remaining water when disconnecting hoses.
4. **Disconnect Hoses:** Carefully disconnect the inlet and outlet hoses from the old drain pump. Note their orientation for reinstallation.
5. **Disconnect Electrical Connections:** Unplug the electrical connector(s) from the old pump.
6. **Remove Old Pump:** Unmount the old drain pump from its housing or mounting brackets. This may involve unscrewing fasteners or releasing clips.
7. **Install New Pump:** Position the new W10276397 drain pump in place and secure it with the appropriate fasteners or clips.
8. **Reconnect Hoses:** Reattach the inlet and outlet hoses to the new pump, ensuring they are securely clamped to prevent leaks.
9. **Reconnect Electrical Connections:** Plug the electrical connector(s) firmly into the new pump.
10. **Test and Reassemble:** Before fully reassembling the washer, restore water and power, and run a short drain cycle to check for leaks and proper operation. Once confirmed, reattach any panels or covers removed during the process.

## OPERATING PRINCIPLES

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The drain pump operates during the wash cycle to remove dirty water from the tub. When the washing machine signals the drain phase, the pump motor activates, creating suction to pull water from the tub through the drain hose and expel it. A properly functioning drain pump is essential for preventing water accumulation and ensuring clothes are spun effectively.

## MAINTENANCE

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While the drain pump itself requires minimal maintenance, regular checks of related components can prolong its lifespan and ensure efficient operation of your washing machine.

- **Check for Obstructions:** Periodically inspect the drain pump filter (if accessible on your model) and the drain hose for lint, small objects, or other debris that could clog the pump or hose. Clear any blockages found.
- **Inspect Hoses:** Check the drain hoses for kinks, cracks, or leaks. Ensure they are securely connected to the pump and the household drain.
- **Listen for Unusual Noises:** Pay attention to any grinding, humming, or excessive noise during the drain cycle, which could indicate an issue with the pump or an obstruction.
- **Keep Area Clean:** Maintain a clean area around the washing machine to prevent debris from entering the system.

## TROUBLESHOOTING

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If your washing machine is experiencing draining issues, the drain pump may be the cause. Here are some common problems and potential solutions:

| Problem                            | Possible Cause                                                              | Solution                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Washer not draining water.         | Clogged drain pump filter or hose. Faulty drain pump.<br>Kinked drain hose. | Check and clear any obstructions in the drain pump filter or hose. Ensure the drain hose is not kinked. If no obstructions, the pump may need replacement. |
| Loud noise during drain cycle.     | Debris in the pump impeller.<br>Worn pump bearings.                         | Disconnect power and inspect the pump impeller for foreign objects. If the noise persists and no debris is found, the pump may be failing.                 |
| Water leaking from pump area.      | Loose hose connections.<br>Cracked pump housing.                            | Tighten hose clamps. Inspect the pump housing for cracks; if cracked, the pump needs replacement.                                                          |
| Washer stops mid-cycle with water. | Drain pump failure.                                                         | Verify power to the pump. If the pump does not activate, it may be faulty and require replacement.                                                         |

*Note: Always disconnect power to the appliance before performing any inspection or repair.*

## SPECIFICATIONS

| Attribute                | Detail                                                       |
|--------------------------|--------------------------------------------------------------|
| Part Number              | AP-WPW10276397-DL167                                         |
| Compatible Part Numbers  | WPW10276397, AP6018417, W10276397, PS11751719, WPW10276397VP |
| Style                    | Drain Pump                                                   |
| Power Source             | AC/DC                                                        |
| Voltage (as per label)   | 120V~                                                        |
| Frequency (as per label) | 60Hz                                                         |
| Current (as per label)   | 0.95A                                                        |
| Manufacturer             | UpStart Components                                           |
| First Available Date     | February 4, 2020                                             |

## WARRANTY AND SUPPORT

This UpStart Components replacement part is not an OEM product. All mentions of brand names or model descriptions are made strictly to illustrate compatibility. All brand names and logos are registered trademarks of their respective owners. This product is not affiliated with any brands and is not covered under any warranties offered by the original manufacturers. Any warranties for this product are offered solely by UpStart Components.

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