

LASWIM WL-KP 1106

LASWIM WL-KP 1106 Pool Filter Pump Instruction Manual

Model: WL-KP 1106 | Brand: LASWIM

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your LASWIM WL-KP 1106 Pool Filter Pump. This pump is designed to circulate water and remove impurities, ensuring optimal water quality for your swimming pool. It features a 1.5 HP single-phase motor and thermal protection for reliable performance.

Please read this manual thoroughly before installation and use, and keep it for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these instructions can result in serious injury or death.

- Always disconnect power to the pump before performing any service or maintenance.
- This pump must be installed by a qualified electrician and in accordance with all local and national electrical codes.
- Ensure the pump is installed on a solid, level surface, protected from excessive moisture and direct sunlight.
- Do not operate the pump if the power cord or plug is damaged.
- Never run the pump dry. Ensure the pump is fully primed with water before starting.
- Keep children and pets away from the pump and pool equipment area.
- Do not use this pump for anything other than its intended purpose (swimming pool filtration).

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- LASWIM WL-KP 1106 Pool Filter Pump
- Fittings for installation
- Instruction Manual

4. PRODUCT OVERVIEW

The LASWIM WL-KP 1106 is a robust pool pump designed for efficient water circulation and filtration. Below are images illustrating the pump's design and key components.



Figure 1: Top-down view of the LASWIM WL-KP 1106 Pool Filter Pump, highlighting the motor housing, transparent pre-filter lid, and plumbing connections.



Figure 2: Angled view of the LASWIM WL-KP 1106 Pool Filter Pump, showing the electrical connection box, pump body, and the pre-filter assembly.

5. SPECIFICATIONS

Feature	Specification
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Model Number	WL-KP 1106
Manufacturer	LASWIM
Power	1100 Watts (1.5 HP)
Power Source	Electric Cable
Material	Stainless Steel, Plastic
Color	Black
Product Dimensions (L x W x H)	58 x 23.5 x 27 cm
Item Weight	11.63 Kilograms
Thermal Protection	Yes

6. SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and longevity. If you are unsure about any step, consult a qualified professional.

- Placement:** Position the pump on a firm, level surface as close to the pool as possible to minimize friction loss in plumbing. Ensure it is protected from rain and direct sunlight.
- Plumbing Connections:** Connect the pump's inlet to the pool skimmer/main drain line and the outlet to the filter system. Use appropriate fittings and sealants to ensure watertight connections.
- Electrical Connection:** Connect the pump to a properly grounded electrical outlet protected by a Ground Fault Circuit Interrupter (GFCI). Ensure the voltage matches the pump's requirements.
- Priming the Pump:** Before starting, ensure the pump is filled with water. Open the pre-filter lid, fill the basket area with water, and then securely close the lid. This helps prevent the pump from running dry.
- Check for Leaks:** After initial setup, turn on the pump briefly and check all connections for leaks. Tighten any loose fittings.

7. OPERATING INSTRUCTIONS

Once installed and primed, operating the pump is straightforward:

- **Starting the Pump:** Ensure all valves are open to allow water flow. Plug the pump into the GFCI-protected outlet. The pump should start circulating water.
- **Monitoring:** Observe the pressure gauge on your filter (if applicable) to ensure it's within the normal operating range. Check for consistent water flow.
- **Run Time:** The duration your pump needs to run depends on pool size, bather load, and environmental factors. Consult your pool professional for recommended daily run times.
- **Stopping the Pump:** Simply unplug the pump from the electrical outlet or turn off the dedicated circuit breaker.

8. MAINTENANCE

Regular maintenance ensures efficient operation and extends the life of your pump.

- **Pre-Filter Basket Cleaning:** Regularly check and clean the pre-filter basket. Turn off the pump, release pressure, open the lid, remove debris, and replace the basket. Ensure the lid is sealed properly.
- **Impeller Inspection:** Periodically inspect the impeller for debris or blockages. This may require partial

disassembly of the pump.

- **Seal Inspection:** Check pump seals for any signs of wear or leaks. Replace worn seals promptly.
- **Winterization:** In colder climates, drain the pump completely and store it in a dry, frost-free location during winter months to prevent damage from freezing water.
- **General Cleaning:** Keep the exterior of the pump clean and free from dirt and debris to ensure proper ventilation.

9. TROUBLESHOOTING

Refer to this section for common issues and their potential solutions.

Problem	Possible Cause	Solution
Pump does not start	No power; tripped GFCI; motor overload; seized impeller	Check power supply and GFCI. Allow motor to cool if overloaded. Inspect and clear impeller.
Low water flow	Clogged pre-filter basket; air leak in suction line; clogged impeller; low water level in pool	Clean pre-filter basket. Check and seal suction line connections. Clear impeller. Add water to pool.
Pump is noisy	Air leak in suction line; cavitation (pump running dry); worn bearings	Check and seal suction line. Ensure pump is primed. If bearings are worn, professional service is required.
Water leaking from pump	Loose fittings; worn shaft seal; cracked housing	Tighten fittings. Replace shaft seal. If housing is cracked, pump replacement may be necessary.

If you encounter issues not listed here or if solutions do not resolve the problem, contact customer support.

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, replacement parts, or warranty claims, please contact your retailer or the manufacturer directly.

Manufacturer: LASWIM