

LEHMANN LGAPW-1814BPA-Z5

Lehmann Hudson Pressure Washer User Manual

Model: LGAPW-1814BPA-Z5 | Brand: LEHMANN

1. PRODUCT OVERVIEW

The Lehmann Hudson Pressure Washer is a powerful and efficient cleaning tool designed for various domestic cleaning tasks. It features a robust aluminum pump and an energy-efficient motor, providing high performance for cleaning cars, facades, large surfaces, and more.

Key Features:

- **Extended Operation:** Up to 60 minutes of continuous operation thanks to the reinforced metal pump head, allowing for longer work sessions compared to traditional pressure washers.
- **High Performance:** Maximum water flow of 450 liters per hour at a pressure of up to 220 bar on the rotary nozzle, ensuring excellent cleaning results.
- **Convenient Hose Reel:** Equipped with a 5-meter hose on a reel, an innovative solution that prevents mechanical damage and extends the hose's lifespan.
- **Suction System:** The integrated pump allows for bidirectional operation, enabling the device to draw water from an external container in addition to standard tap connection.
- **Integrated Detergent Tank:** Includes a cleaning tank with a scale for precise dosing of detergent, ensuring effective cleaning for various surfaces.



Figure 1.1: Lehmann Hudson Pressure Washer with included accessories, including the main unit, spray gun, various nozzles, patio cleaner, and detergent tank.



Figure 1.2: Detailed view of the robust aluminum pump, highlighting its 1800W power, 145 bar operating pressure, quick start, 450 l/h water flow, and Auto Stop System.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the pressure washer.

- Read the entire manual before operating the pressure washer.
- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure the power supply matches the specifications on the product label.
- Never direct the water jet at people, animals, electrical equipment, or the pressure washer itself.
- Keep children and pets away from the operating area.
- Do not operate the pressure washer if the power cord or hose is damaged.
- Always disconnect the power supply before performing any maintenance or cleaning.

- Use only original spare parts and accessories.

3. SETUP AND ASSEMBLY

Follow these steps to correctly set up your Lehmann Hudson Pressure Washer.

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all parts listed in the product overview are present and undamaged.
2. **Assemble Handle and Wheels:** Attach the handle and wheels to the main unit as per the diagrams in the quick start guide (if applicable).
3. **Connect High-Pressure Hose:** Connect one end of the high-pressure hose to the outlet on the pressure washer and the other end to the spray gun. Ensure connections are secure.
4. **Connect Water Supply:**
 - **From Tap:** Connect a garden hose (not included) to your water tap and then to the water inlet on the pressure washer. Ensure the tap is fully open.
 - **From External Container (Suction Mode):** If using the suction system, place the suction hose (not included) into a clean water source like a bucket or rain barrel. Ensure the hose is fully submerged and free of air bubbles.



Figure 3.1: Illustration of connecting the pressure washer to a standard water tap or drawing water from an external container like a bucket.

5. **Connect Power:** Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the power requirements of the unit.
6. **Prime the Pump:** Before turning on the power, squeeze the trigger on the spray gun to allow water to flow through the system and expel any air. Continue until a steady stream of water emerges.

4. OPERATING INSTRUCTIONS

Once set up, follow these steps for effective cleaning.

1. **Turn On:** Switch the pressure washer to the "ON" position. The motor will start, and the pump will build pressure.
2. **Select Nozzle:** Choose the appropriate nozzle for your cleaning task. Different nozzles provide varying spray patterns and pressures.

- **Fan Nozzle:** For general cleaning and wider coverage.
 - **Rotary Nozzle:** For stubborn dirt and concentrated cleaning.
 - **Detergent Nozzle:** For applying cleaning solutions.
3. **Apply Detergent (Optional):** If using detergent, fill the integrated detergent tank with the appropriate cleaning solution. Attach the detergent nozzle. The pressure washer will automatically mix the detergent with water at low pressure.
 4. **Begin Cleaning:** Hold the spray gun firmly and direct the nozzle at the surface to be cleaned. Maintain a safe distance to avoid damaging the surface.



Figure 4.1: An individual demonstrating the use of the pressure washer to clean an outdoor surface, showcasing the powerful water jet.

5. **Using the Patio Cleaner:** For large flat surfaces like patios or driveways, attach the patio cleaner accessory. Move it evenly across the surface for consistent cleaning.



Figure 4.2: A user operating the pressure washer with the specialized patio cleaner attachment, designed for efficient cleaning of flat surfaces.

6. **Finish Cleaning:** When finished, release the trigger, turn off the pressure washer, and disconnect the power supply. Squeeze the trigger again to release any remaining pressure in the system.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your pressure washer.

- **After Each Use:**
 - Flush the system with clean water to remove any detergent residue.
 - Clean the nozzles and spray gun to prevent blockages.
 - Wipe down the exterior of the unit with a damp cloth.
- **Hose and Cord Inspection:** Regularly inspect the high-pressure hose and power cord for any signs of wear, cuts, or damage. Replace immediately if damaged.
- **Water Inlet Filter:** Check and clean the water inlet filter periodically to prevent debris from entering the pump.
- **Storage:** Store the pressure washer in a dry, frost-free environment. For prolonged storage, especially in cold climates, ensure all water is drained from the pump and hoses to prevent freezing damage.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No water flow or low pressure	<ul style="list-style-type: none">• Water supply off or restricted• Air in the pump• Clogged nozzle• Kinked hose	<ul style="list-style-type: none">• Ensure water supply is fully open and hose is not kinked.• Prime the pump by squeezing the trigger with power off until steady water flow.• Clean or replace the nozzle.• Straighten the hose.
Motor stops frequently	<ul style="list-style-type: none">• Overheating• Voltage drop	<ul style="list-style-type: none">• Allow the unit to cool down.• Ensure the power supply is stable and adequate.
Water leaks	<ul style="list-style-type: none">• Loose connections• Damaged O-rings or seals	<ul style="list-style-type: none">• Tighten all connections.• Inspect and replace damaged O-rings or seals.

7. SPECIFICATIONS

Specification	Value
Brand	LEHMANN
Item Model Number	LGAPW-1814BPA-Z5
Manufacturer	Lehmann
Power Source	Electric Cable
Power Type	Electric Cable
Maximum Pressure	220 Bars
Maximum Flow Rate	7.5 Liters per minute (450 l/h)
Item Weight	8.2 Kilograms
Hose Length	5 Meters
Product Dimensions	37.5L x 30.1W x 78.7H centimeters
Color	black/red
Package Dimensions	50 x 48 x 32.1 cm
Language (Manual)	German, Polish, Italian, English, French
Date First Available on Amazon.com.be	February 27, 2024

Specification	Value
Spare Parts Availability	Information unavailable on spare parts




8. WARRANTY AND SUPPORT




LEHMANN products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty details, please refer to the warranty card included with your product or visit the official LEHMANN website.

For technical support, troubleshooting assistance, or to inquire about spare parts, please contact LEHMANN customer service. Contact information can typically be found on the product packaging or the brand's official website.

Online Resources: For additional information and support, you may visit the LEHMANN brand store on Amazon: [LEHMANN Brand Store](#)

Related Documents - LGAPW-1814BPA-Z5

	<p>Lehmann Firmware Updater: Operating Instructions for Locks and RFID Readers</p> <p>This document provides operating instructions for the LEHMANN Firmware Updater software, detailing how to update firmware on Lehmann locks, RFID readers, and terminals. Includes system requirements, compatible products, and step-by-step guidance.</p>
	<p>LEHMANN Management Software User Guide: Configuration and Operation</p> <p>Comprehensive user guide for LEHMANN Management Software (LMS), detailing configuration, operation, and management of LEHMANN RFID systems in both offline and online modes. Covers transponder and lock management, user settings, and system administration.</p>
	<p>LEHMANN CNC Rotary Tables - Main Catalog Edition 4 PGD, E, DD Series</p> <p>LEHMANN's Main Catalog Edition 4 for CNC Rotary Tables. Explore PGD, E-Series, DD Series, and more. High-speed, backlash-free solutions for industrial automation and precision manufacturing.</p>

	<p>LEHMANN M610 LEGIC L043-A03 Electronic Locker Lock Operating Instructions</p> <p>Comprehensive operating instructions for the LEHMANN M610 LEGIC L043-A03 electronic locker lock, covering installation, programming, operation, maintenance, and troubleshooting.</p>
	<p>LEHMANN RFID Kartenprogrammierung: Anleitung und Übersicht</p> <p>Erfahren Sie, wie Sie LEHMANN RFID-Schließsysteme mit verschiedenen Karten wie Installations-, Master- und User-Karten programmieren. Diese Anleitung erklärt die Betriebsmodi, Funktionen und den Reset-Prozess.</p>
	<p>LEHMANN VERTO DIAL LOCK PRIVATE RIGHT (FIX-CODE) - Operating Instructions & User Manual</p> <p>Comprehensive operating instructions and user manual for the LEHMANN VERTO DIAL LOCK PRIVATE RIGHT (FIX-CODE). Learn how to set, change, and reset the user code, and perform emergency openings.</p>