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Enventor HL312-95

ENVENTOR 1800W Electric Pressure Washer HL312-95 User Manual

Model: HL312-95

1. Introduction

Thank you for choosing the ENVENTOR 1800W Electric Pressure Washer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your pressure washer. Please read it thoroughly before first use and keep it for future reference.

2. Safety Information

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This pressure washer is designed for outdoor use only. Do not operate in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always wear appropriate personal protective equipment, including safety glasses and hearing protection.

- Ensure the power supply matches the voltage specified on the product label.
- Never direct the water jet at people, animals, electrical devices, or the unit itself.
- Keep children and pets away from the operating area.
- Disconnect from the power source before performing any maintenance or cleaning.
- Do not use the pressure washer if the power cord or other important parts are damaged.

3. Package Contents

Verify that all items are present and undamaged upon unpacking.

- 1 x ENVENTOR 1800W Electric Pressure Washer
- 1 x Spray Gun Kit (Handle and Barrel)
- 1 x 450 ml Soap Bottle
- 1 x Water Inlet Adapter
- 1 x Connection Head
- 1 x Screwdriver
- 1 x 5-meter High-Pressure Hose
- 1 x 5-meter Power Cable

4. Product Components

Familiarize yourself with the parts of your pressure washer.



Figure 1: Overview of the ENVENTOR 1800W Electric Pressure Washer components. Key parts include the spray gun, portable handle, ON/OFF switch, cable stock, water inlet, soap bottle holder, gun stock, and hand crank for hose storage.

- **Spray Gun:** For directing the high-pressure water jet.
- **Portable Handle:** Extendable handle for easy transport.
- **ON/OFF Switch:** Controls power to the unit.
- **Cable Stock:** Storage for the power cable.
- **Water Inlet:** Connection point for the water supply hose.
- **Soap Bottle Holder:** Secures the soap bottle during use and storage.
- **Gun Stock:** Storage for the spray gun.
- **Hand Crank:** For winding the high-pressure hose.

5. Setup

Follow these steps for initial assembly and connection.



Figure 2: Step-by-step assembly guide for the pressure washer.

1. **Attach the Handle:** Secure the portable handle to the main unit using the provided screwdriver.
2. **Install Cable Hook:** Mount the power cord hook onto the unit.
3. **Install Gun Hook:** Mount the spray gun hook onto the unit.
4. **Connect Lance to Spray Gun:** Firmly attach the spray lance to the spray gun.
5. **Connect Nozzle:** Attach the desired nozzle to the end of the spray lance.
6. **Connect High-Pressure Hose:** Insert the high-pressure hose into the spray gun and the pressure washer unit, ensuring a secure connection.
7. **Connect Water Supply:** Connect your garden hose (not included) to the water inlet of the pressure washer. You can connect directly to a faucet or use the self-suction method from a bucket or pool.
8. **Connect Power:** Plug the power cable into a suitable electrical outlet.

Water Suction Methods



Figure 3: Water supply options: direct faucet connection or self-suction from a bucket/pool.

The unit supports two water intake methods: direct connection to a faucet or self-suction from a water source like a bucket or pool. When using self-suction, allow the unit to exhaust air for 30-60 seconds before starting to spray to ensure proper priming.

6. Operating Instructions

Before operating, ensure all connections are secure and the water supply is turned on.

1. **Turn On:** Press the ON/OFF switch to power on the pressure washer.
2. **Prime the Pump:** Squeeze the trigger on the spray gun to allow water to flow through and expel any air in the system. This may take a few seconds.
3. **Adjust Spray Nozzle:** The adjustable nozzle allows for different spray patterns. Rotate the nozzle head to switch between narrow fan, wide fan, and foam modes.



Figure 4: Adjustable nozzle settings for various spray patterns.

Using the Soap Mode

For effective cleaning with detergent, use the integrated soap bottle.

1. Fill the 450ml soap bottle with appropriate pressure washer detergent.
2. Attach the soap bottle to the designated connection point on the spray gun.
3. Select the foam mode on the adjustable nozzle.
4. Apply foam to the desired surface. Allow the detergent to soak for a few minutes before rinsing with a high-pressure water jet (wide or narrow fan mode).



Figure 5: Pressure washer in soap mode for car cleaning.

Applications

The ENVENTOR pressure washer is suitable for various cleaning tasks around your home and garden.

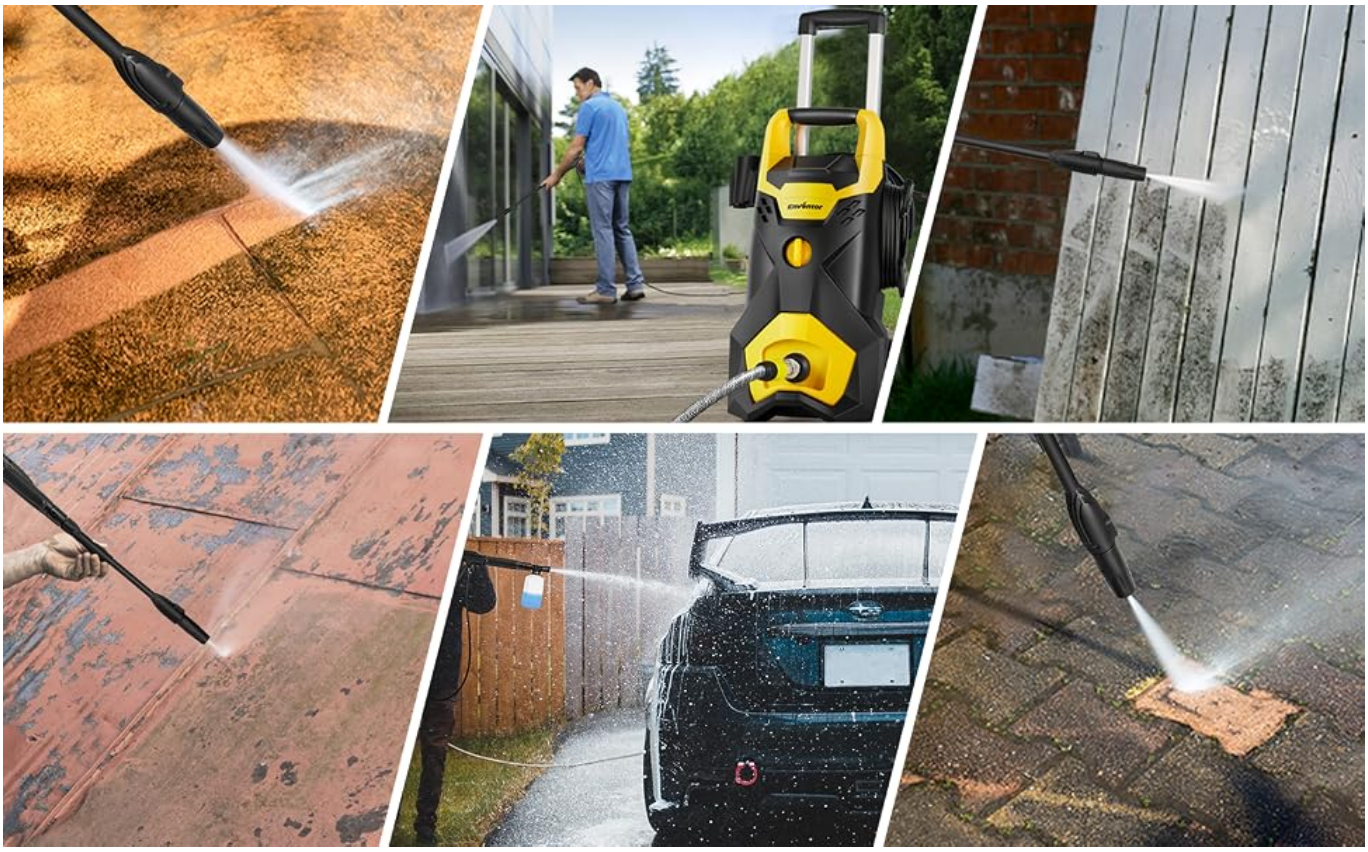


Figure 6: Multiple applications of the pressure washer.

- Car washing
- Patio and deck cleaning
- Window and door cleaning
- Balcony and garden furniture cleaning
- Siding and fence cleaning

7. Maintenance

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

- **After Each Use:** Disconnect the water supply and power. Squeeze the trigger to release any remaining pressure in the system. Drain all water from the pump and hoses to prevent freezing damage.
- **Clean Nozzles:** If the nozzle becomes clogged, use a small pin or wire to clear the obstruction.
- **Inspect Hoses and Connections:** Regularly check for leaks, cracks, or damage. Replace any damaged parts immediately.
- **Storage:** Store the pressure washer in a dry, frost-free environment. Utilize the integrated cable and gun stocks for tidy storage.

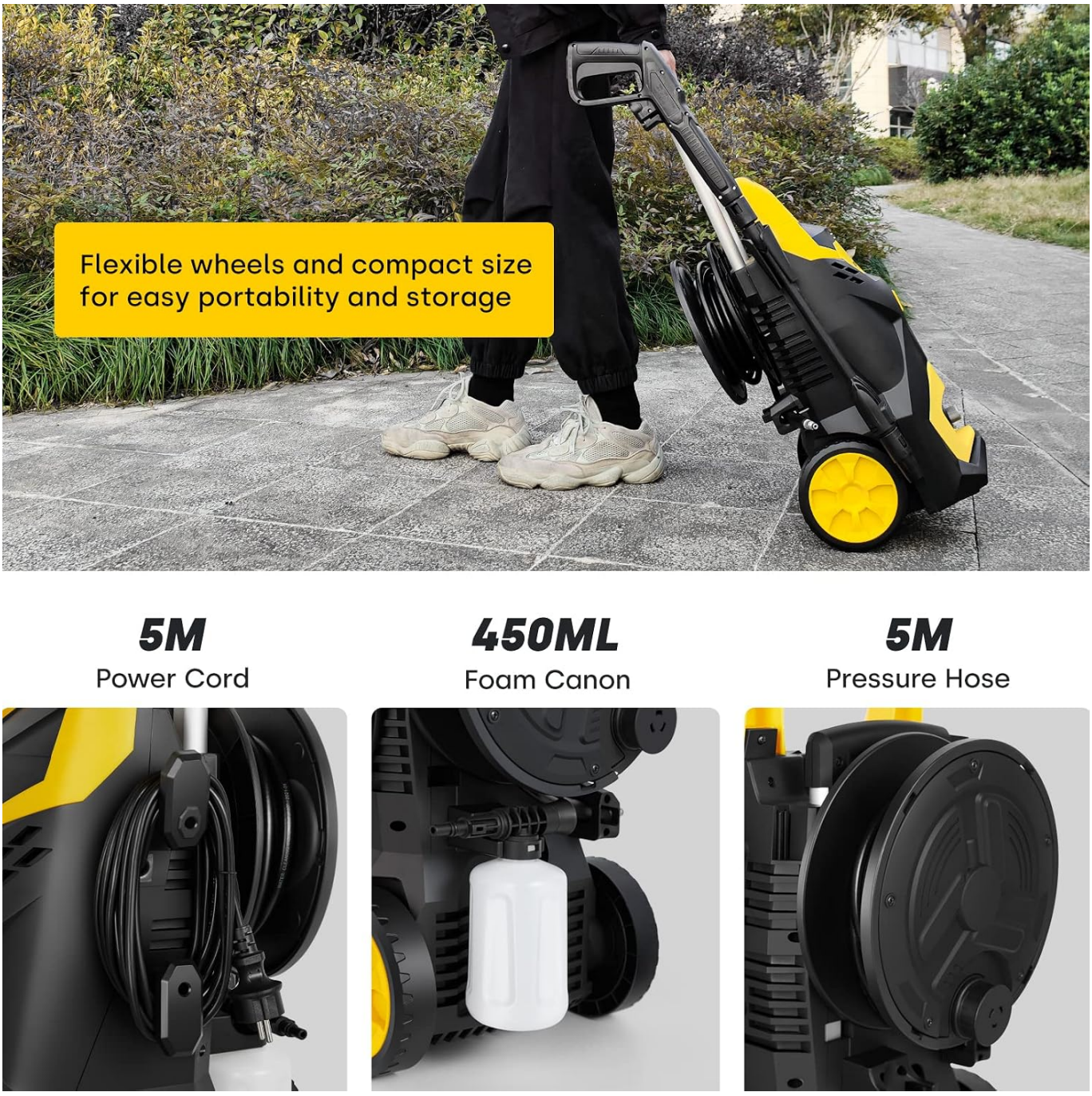


Figure 7: Pressure washer design for easy portability and compact storage.

8. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start	No power supply; ON/OFF switch off	Check power connection; Turn ON switch
Low pressure	Insufficient water supply; Clogged nozzle; Air in pump	Check water connection/faucet; Clean nozzle; Prime pump by squeezing trigger until steady flow
Water leaks	Loose connections; Damaged O-rings/hoses	Tighten all connections; Inspect and replace damaged parts

Problem	Possible Cause	Solution
Motor stops during operation	Overheating; Power surge	Allow unit to cool down; Check power supply

9. Specifications

Technical details of the ENVENTOR 1800W Electric Pressure Washer.



Figure 8: Basic parameters and dimensions of the pressure washer.

Feature	Specification
Model Number	HL312-95
Power	1800W
Max Pressure	135 Bar
Max Flow Rate	540 L/H (1.6 GPM)
Voltage	220-240V
Max Water Temperature	40°C
Hose Length	5 Meters
Power Cord Length	5 Meters
Weight	10.5 Kilograms
Dimensions (L x W x H)	57 x 37 x 40 cm

Feature	Specification
Protection Level	IPX5
Certifications	CE

10. Warranty and Support

ENVENTOR is committed to providing quality products and customer satisfaction.

- **Warranty:** This product comes with a standard warranty. Please refer to your purchase documentation for specific warranty terms and conditions.
- **Customer Support:** If you encounter any problems with your pressure washer or have questions, please contact ENVENTOR customer service. We offer professional after-sales support.
- **Return Policy:** If you are not satisfied with your purchase, you may be eligible for a full refund within 30 days. Please check the retailer's return policy for details.

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