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## Lavor Missouri 1310

# Lavor Missouri 1310 Professional Pressure Washer

User Manual

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Lavor Missouri 1310 Professional Pressure Washer. Please read these instructions carefully before using the appliance. Keep this manual for future reference.



Image 1.1: The LAVOR Missouri 1310 Professional Pressure Washer. This image displays the overall design of the pressure washer, featuring its yellow and black casing, control panel, wheels, and handle.

## 2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This pressure washer operates at high pressures and temperatures, which can cause serious injury if not handled correctly.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the equipment.

- **Wear appropriate safety gear:** Always wear eye protection, hearing protection, and protective clothing, including gloves and sturdy footwear.
- **Never point the spray gun at people or animals:** The high-pressure spray can cause severe injuries.
- **Ensure stable footing:** The recoil from the spray gun can cause you to lose balance.
- **Do not operate near electrical outlets or equipment:** Water and electricity are a dangerous combination.
- **Use only approved accessories:** Using unapproved accessories may result in injury or damage to the unit.
- **Disconnect power before maintenance:** Always unplug the unit from the power source before performing any service or maintenance.
- **Hot water operation:** Be aware of hot surfaces and hot water discharge when operating in hot water mode.

### 3. PRODUCT OVERVIEW

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The LAVOR Missouri 1310 is a professional hot and cold water pressure washer designed for heavy-duty cleaning tasks. It features a robust design and powerful components.

#### 3.1 Key Components

- **Vertical Heating Boiler:** Equipped with a powerful steel coil for efficient water heating. An auxiliary motor assists ventilation for the boiler group.
- **Induction Motor:** A quiet and durable motor with a brass pump head ensures long-lasting performance.
- **Control Panel:** Centralized controls for power, temperature regulation, and burner activation.
- **Detergent Tank:** Integrated tank for direct detergent suction.
- **Professional Spray Gun:** Features an M22 connection for secure attachment.
- **High-Pressure Hose:** An 8-meter professional high-pressure hose.
- **Metal Lance:** Durable lance for various cleaning applications.



Image 3.1: Control Panel. This image shows the control panel with the temperature regulation dial (MAX/OFF) and two ON/OFF switches, one for the main unit and one for the burner.



Image 3.2: Pressure Gauge. This image highlights the pressure gauge, indicating the operational pressure in bar and PSI.



Image 3.3: Vertical Heating Boiler. This image provides a cutaway view of the internal vertical heating boiler, showing the steel coil and the flame for heating the water.

## 4. SETUP

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Proper setup ensures safe and effective operation of your pressure washer.

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Water Supply Connection:** Connect the pressure washer to a suitable water supply using a garden hose. Ensure the water supply is clean and free of debris. The water inlet is typically located at the front or side of the unit.
3. **High-Pressure Hose and Lance Assembly:** Attach the 8-meter high-pressure hose to the high-pressure outlet on the machine and to the professional spray gun. Securely attach the metal lance to the spray gun.
4. **Detergent Tank (Optional):** If using detergent, fill the integrated detergent tank with an appropriate pressure washer detergent.
5. **Power Connection:** Connect the power cord to a grounded electrical outlet that matches the voltage and current requirements of the unit (3000 W motor).

## 5. OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your Lavor Missouri 1310.

## **5.1 Cold Water Operation**

1. Ensure all connections (water, hose, power) are secure.
2. Turn on the water supply completely.
3. Press the main ON switch on the control panel.
4. Squeeze the trigger on the spray gun to purge air from the system until a steady stream of water emerges.
5. Begin cleaning.

## **5.2 Hot Water Operation**

1. Follow steps 1-4 for cold water operation.
2. Turn the temperature regulation dial to the desired setting (up to 90°C).
3. Press the burner ON switch on the control panel. The burner will ignite to heat the water.
4. Allow a few moments for the water to reach the set temperature.
5. Begin cleaning with hot water.

## **5.3 Using Detergent**

The unit allows direct suction of detergent from the built-in tank when the lance is used at low pressure. Consult the detergent manufacturer's instructions for proper dilution and application.

## **5.4 Shutting Down**

1. If using hot water, turn off the burner switch and allow the unit to run with cold water for a few minutes to cool down the boiler.
2. Turn off the main ON switch.
3. Turn off the water supply.
4. Squeeze the spray gun trigger to release any remaining pressure in the system.
5. Disconnect the power cord.



Image 5.1: Pressure Washer in Use. This image shows a person operating the Lavor Missouri 1310 pressure washer to clean a large area, demonstrating its powerful spray.

## 6. MAINTENANCE

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

- **After Each Use:** Flush the system with clean water to remove any detergent residue. Clean the exterior of the machine with a damp cloth.
- **Nozzle Cleaning:** Periodically check and clean the nozzle for blockages. A clogged nozzle can cause pressure fluctuations.
- **Water Filter:** Inspect and clean the water inlet filter regularly to prevent debris from entering the pump.
- **Hose and Connections:** Check the high-pressure hose and all connections for wear, leaks, or damage. Replace any damaged parts immediately.
- **Fuel/Detergent Levels:** Monitor fuel (if applicable for burner) and detergent levels.
- **Winterization (for cold climates):** If storing the unit in an area where temperatures may drop below freezing, it is crucial to winterize the pressure washer. Drain all water from the pump, hose, and spray gun. Consider using a pump protector solution.
- **Professional Servicing:** For internal components or complex issues, consult a qualified service technician.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your pressure washer.

### 7.1 No Pressure or Low Pressure

- **Check water supply:** Ensure the water tap is fully open and the garden hose is not kinked or blocked.

- **Inspect water inlet filter:** A clogged filter can restrict water flow. Clean or replace if necessary.
- **Check for air in the system:** Purge air by squeezing the spray gun trigger with the motor running and water supply on until a steady stream appears.
- **Examine nozzle:** A partially blocked or worn nozzle can reduce pressure. Clean or replace.
- **Check for leaks:** Inspect all hose connections and the pump for any leaks.

## 7.2 Motor Not Starting

- **Power connection:** Ensure the power cord is securely plugged into a working, grounded outlet.
- **Circuit breaker:** Check if the circuit breaker has tripped.
- **Thermal overload:** The motor may have overheated. Allow it to cool down before attempting to restart.

## 7.3 Water Not Heating (Hot Water Models)

- **Burner switch:** Ensure the burner ON switch is activated.
- **Fuel level:** Check the fuel level for the burner.
- **Thermostat setting:** Verify the temperature regulation dial is set to a desired temperature above ambient.
- **Ignition issues:** If the burner does not ignite, there may be an issue with the ignition system. Contact service.

## 8. SPECIFICATIONS

Detailed technical specifications for the Lavor Missouri 1310 Pressure Washer.

Feature	Specification
Model Number	Missouri 1310
Maximum Pressure	150 bar
Maximum Flow Rate	570 Liters Per Hour
Maximum Water Temperature	90°C
Motor Power	3000 W
Energy Source	AC/DC
Hose Length	8 Meters
Product Dimensions (L x W x H)	52 x 76 x 80 cm
Item Weight	56.5 Kilograms
Manufacturer	Lavorwash Spa
Compliance	CE, CSA
Spare Parts Availability (EU)	10 Years



Image 8.1: Product Dimensions. This diagram illustrates the length (76cm), width (52cm), and height (80cm) of the LAVOR Missouri 1310 pressure washer.



Image 8.2: Repairability Index. This graphic indicates a repairability index of 8.9/10 for the product, suggesting ease of repair.

## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official documentation provided with your Lavor Missouri 1310 Pressure Washer at the time of purchase. Warranty terms and conditions may vary by region and retailer.

For technical support, spare parts, or service inquiries, please contact your authorized Lavor dealer or the manufacturer's customer service department. Ensure you have your product model number and purchase details available when contacting support.