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RYOBI 5133005365

RYOBI RY110 PWA 1400W Electric Pressure Washer User Manual

Model: RY110 PWA (5133005365)

1. Introduction

Thank you for choosing the RYOBI RY110 PWA Electric Pressure Washer. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new pressure washer. Please read these instructions thoroughly before use and retain them for future reference.
The RYOBI RY110 PWA is designed for cleaning various outdoor surfaces and items such as cars, bicycles, roads, terraces, and patio furniture. Its powerful motor and efficient pump deliver reliable performance for domestic cleaning tasks.

2. Important Safety Information

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

2.1 General Safety Warnings

- **Electrical Safety:** Ensure the power supply matches the voltage specified on the pressure washer. Always use a residual current device (RCD) when operating the unit. Do not operate the pressure washer with damaged cords or plugs.
- **Water Connection:** Connect the pressure washer only to a potable water supply via a backflow preventer. Do not use the pressure washer with hot water exceeding 40°C.
- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and protective clothing. Keep children and pets away from the operating area.
- **Stability:** Operate the pressure washer on a stable, level surface to prevent tipping.

2.2 Specific Pressure Washer Safety

- **High Pressure:** The high-pressure jet can be dangerous if misused. Never direct the water jet at people, animals, electrical equipment, or the unit itself.
- **Nozzles and Lances:** Ensure all nozzles and lances are securely attached before starting the unit. Do not attempt to change accessories while the unit is running or pressurized.

- **Chemicals:** Use only detergents specifically designed for pressure washers. Follow the detergent manufacturer's instructions for use and disposal.
- **Hose Integrity:** Regularly inspect the high-pressure hose for signs of wear, damage, or leaks. Do not use a damaged hose.

3. Product Overview

3.1 Components

The RYOBI RY110 PWA Electric Pressure Washer comes with several key components designed for efficient cleaning:



This image displays the RYOBI RY110 PWA Electric Pressure Washer unit along with its standard accessories: the spray gun, detergent bottle, Vario Lance, and Turbo Lance.

- **Main Unit:** Compact design with an integrated carrying handle and storage for hose, spray gun, and jet pipe.
- **1400W Motor:** Provides the power for effective cleaning.
- **Aluminum Pump:** High-quality, self-suction aluminum pump for maximum performance and durability.
- **High-Pressure Hose:** 5-meter standard hose for extended reach.

- **Power Cable:** 5-meter cable for electrical connection.
- **Spray Gun:** Ergonomic handle for comfortable operation.
- **Vario Lance:** Adjustable nozzle for varying spray patterns and pressure.
- **Turbo Lance:** Rotating jet for concentrated cleaning power on stubborn dirt.
- **Cleaner Bottle:** For applying detergents.
- **Integrated Water Filter:** Prevents dirt from entering the pump.

4. Setup Instructions

4.1 Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Inspect the unit and accessories for any damage. Do not use if damaged.
3. Connect the high-pressure hose to the pressure washer outlet and the spray gun. Ensure connections are secure.
4. Attach the desired lance (Vario or Turbo) to the spray gun.

4.2 Water Supply Connection

1. Connect a garden hose (not supplied) to the water inlet of the pressure washer. Ensure the integrated water filter is clean and properly seated.
2. Connect the other end of the garden hose to a potable water tap.
3. Turn on the water supply fully. Allow water to flow through the pressure washer and out of the spray gun (without the lance attached) for a few seconds to purge air from the system.
4. The self-suction aluminum pump allows operation with a water connection or an external water tank. If using an external tank, ensure the water level is sufficient and the hose is fully submerged.

4.3 Electrical Connection

1. Uncoil the 5-meter power cable completely.
2. Plug the power cable into a suitable grounded electrical outlet. Ensure the outlet is protected by a Residual Current Device (RCD).

5. Operating the Pressure Washer

5.1 Before Starting

- Ensure all connections (water, electrical, hose, lance) are secure and leak-free.
- Check the water filter for debris.
- Position the pressure washer on a stable surface.

5.2 Starting the Unit

1. Turn on the water supply.
2. Point the spray gun in a safe direction.
3. Press the trigger on the spray gun to release any remaining air and allow water to flow steadily.

4. Turn the ON/OFF switch on the pressure washer to the 'ON' position. The motor will start, and pressure will build.

5.3 Using the Lances

The RY110 PWA includes two lances for different cleaning needs:

- **Vario Lance:** Offers adjustable spray patterns from a concentrated jet to a wide fan spray. Rotate the nozzle to select the desired pattern and pressure for general cleaning tasks like washing cars or delicate surfaces.
- **Turbo Lance:** Provides a powerful, rotating jet for removing stubborn dirt and grime from hard surfaces like concrete patios or driveways. Use with caution on painted or delicate surfaces.



A user is shown operating the RYOBI RY110 PWA Electric Pressure Washer to clean the exterior of a car, demonstrating a typical application.



This image illustrates a user cleaning a patio surface with the RYOBI RY110 PWA Electric Pressure Washer, highlighting its use for outdoor hard surfaces.

5.4 Applying Detergent

1. Fill the cleaner bottle with an appropriate pressure washer detergent.
2. Attach the cleaner bottle to the spray gun.
3. Operate the pressure washer. The detergent will be mixed with the water and applied at low pressure.
4. After applying detergent, remove the cleaner bottle and rinse the surface with clean water using a lance.



A user is depicted applying cleaning detergent to a car with the RYOBI RY110 PWA Electric Pressure Washer, utilizing the included cleaner bottle attachment.

5.5 Shutting Down

1. Turn the ON/OFF switch on the pressure washer to the 'OFF' position.
2. Turn off the water supply.
3. Press the trigger on the spray gun to release any residual pressure in the system.
4. Disconnect the power cable from the outlet.
5. Disconnect the garden hose from the water inlet.

6. Maintenance and Storage

6.1 Cleaning

- After each use, flush the system with clean water to remove any detergent residue.
- Clean the exterior of the pressure washer with a damp cloth. Do not use harsh chemicals.
- Regularly check and clean the integrated water filter to prevent blockages and ensure optimal water flow to the pump.
- Clear any blockages from the nozzles using the provided nozzle cleaning tool (if applicable).

6.2 Storage

- Drain all water from the pump, hose, and spray gun to prevent damage from freezing.
- Coil the high-pressure hose and power cable neatly. The unit features integrated storage possibilities for the hose, spray gun, and jet pipe.
- Store the pressure washer in a dry, frost-free location, away from direct sunlight and out of reach of children.

6.3 Winterization

In cold climates, proper winterization is crucial to prevent damage. Drain all water from the unit and consider using a pump protector or antifreeze solution if the unit will be stored in temperatures below freezing.

7. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Unit does not start	No power supply; Faulty switch; Thermal overload activated	Check power connection and RCD; Contact service center; Allow unit to cool down
No pressure or low pressure	Insufficient water supply; Air in pump; Clogged nozzle; Leaking hose/connections	Ensure full water supply; Purge air from system; Clean nozzle; Check and tighten connections
Water leaks	Loose connections; Damaged O-rings; Damaged hose	Tighten all connections; Replace O-rings; Replace damaged hose
Motor runs, but no water flow	Water supply off; Inlet filter blocked; Air in pump	Turn on water supply; Clean inlet filter; Purge air from system

8. Technical Specifications

Specification	Value
Model Number	5133005365
Power Input	1400 W
Maximum Pressure	110 bar
Maximum Flow Rate	390 l/h
Maximum Water Temperature	40°C
Pump Material	Aluminum
High-Pressure Hose Length	5 m
Power Cable Length	5 m
Product Dimensions (L x W x H)	29 x 27 x 42 cm
Item Weight	5.6 kg
Certifications	CE, CSA

9. Warranty and Customer Support

The RYOBI RY110 PWA Electric Pressure Washer comes with a**3-year warranty**. To ensure your warranty is valid, please register your purchased product on the official RYOBI website. The warranty covers defects in materials and workmanship under normal use.
For technical assistance, spare parts, or warranty claims, please contact RYOBI customer support through their official website or the contact information provided with your purchase documentation. When contacting support, please have your model number (RY110 PWA or 5133005365) and purchase date available.
EU Spare Part Availability Duration: 5 Years.

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