

RYOBI RY120352K

RYOBI ONE+ 18-Volt 320 PSI Cordless Power Cleaner (Model RY120352K) Instruction Manual

Your guide to safe and efficient operation.

1. PRODUCT OVERVIEW

The RYOBI ONE+ 18-Volt 320 PSI 0.8 GPM Cold Water Cordless Power Cleaner (Model RY120352K) is designed for light-duty cleaning tasks. This portable unit offers cordless convenience, allowing you to clean various surfaces without being tethered to an electrical outlet or a continuous water source. It is ideal for cleaning boats, outdoor furniture, windows, and vehicles.

Key Features:

- **Cordless Operation:** Powered by the RYOBI ONE+ 18-Volt battery system.
- **Versatile Water Source:** Can draw water from a standard garden hose or a 20 ft. siphon hose for use with buckets, lakes, or other water containers.
- **Adjustable Pressure:** Delivers up to 320 PSI and 0.8 GPM for effective cleaning.
- **Compact Design:** Lightweight and easy to transport.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Read and understand all instructions before use. Failure to follow these instructions may result in serious injury or property damage.

- Wear appropriate personal protective equipment (PPE), including eye protection, during operation.
- Do not direct the water stream at people, pets, or electrical devices.
- Ensure all connections are secure before starting the unit.
- Use only cold water with this power cleaner.
- Keep the battery and charger dry and away from water.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- RYOBI ONE+ 18-Volt Cordless Power Cleaner Unit
- 18-Volt 4.0 Ah Lithium-Ion Battery
- Battery Charger
- 20 ft. Siphon Hose
- Quick-Connect Nozzles (various spray patterns)
- Owner's Manual

4. SETUP

Follow these steps to prepare your power cleaner for use:

1. **Charge the Battery:** Insert the 18-Volt battery into the charger and plug the charger into a standard electrical outlet. Allow the battery to fully charge before first use.
2. **Attach the Wand:** Securely attach the spray wand to the power cleaner unit.
3. **Connect Water Source:**
 - **For Garden Hose:** Connect a standard garden hose to the inlet on the power cleaner.
 - **For Siphon Hose:** Attach the 20 ft. siphon hose to the inlet. Place the filter end of the siphon hose into a bucket or other water source. Ensure the filter is fully submerged.
4. **Insert Battery:** Once charged, slide the 18-Volt battery into the battery compartment on the power cleaner until it clicks into place.



Figure 1: RYOBI ONE+ 18-Volt Cordless Power Cleaner with battery and charger.



Figure 2: Side view of the power cleaner, showing the hose connection point.

5. OPERATING

To begin using your power cleaner:

1. **Select Nozzle:** Twist the nozzle at the end of the spray wand to select the desired spray pattern (e.g., rinse, fan, jet).
2. **Turn On:** Press the power button on the unit to turn it on.
3. **Start Cleaning:** Squeeze the trigger on the handle to activate the water flow. Release the trigger to stop.
4. **Apply Soap (Optional):** If using soap, fill the soap dispenser with appropriate pressure washer detergent and attach it to the unit. The unit will automatically mix the soap with the water.



Figure 3: The power cleaner in use, demonstrating its portability for cleaning a boat.



Figure 4: Cleaning a bicycle using the siphon hose from a bucket, highlighting cordless and portable operation.



Figure 5: The power cleaner effectively removing dirt from a vehicle.



Figure 6: Cleaning outdoor patio furniture, showcasing the versatility of the tool.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power cleaner:

- **After Each Use:** Flush the unit with clean water to remove any detergent residue.
- **Storage:** Store the power cleaner, battery, and charger in a dry, protected area away from extreme temperatures.
- **Battery Care:** Do not store batteries in a discharged state. Recharge them periodically if not in use for extended periods.
- **Nozzle Cleaning:** Clear any blockages from the nozzles to maintain consistent spray patterns.

7. TROUBLESHOOTING

If you encounter issues with your power cleaner, refer to the following common solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery not charged or inserted correctly.	Ensure battery is fully charged and properly seated.
No water pressure or weak pressure	Loose hose connections, clogged nozzle, or air in the system.	Check all hose connections for tightness. Clean the nozzle. Prime the pump by running water through it without the nozzle attached until a steady stream is achieved.
Unit does not shut off automatically	Internal switch malfunction.	Remove the battery to power off the unit. Contact customer support for service.

8. SPECIFICATIONS

- **Brand:** RYOBI
- **Model:** RY120352K
- **Power Source:** Battery Powered (18-Volt Lithium Ion)
- **Maximum Pressure:** 320 PSI
- **Maximum Flow Rate:** 0.8 Gallons Per Minute (GPM)
- **Hose Length:** 20 Feet (siphon hose)
- **Item Weight:** 9.96 pounds
- **Product Dimensions:** 15.3"L x 8.1"W x 10.9"H
- **Color:** Black, Lime, Silver
- **Specification Met:** ETL

9. WARRANTY AND SUPPORT

For warranty information, technical assistance, or to locate an authorized service center, please refer to the warranty card included with your product or visit the official RYOBI website. Keep your purchase receipt as proof of purchase for any warranty claims.