

## RYOBI RY120350

# RYOBI ONE+ 18-Volt 320 PSI 0.8 GPM Cold Water Cordless Power Cleaner Instruction Manual

Model: RY120350 | Brand: RYOBI

## 1. PRODUCT OVERVIEW

The RYOBI ONE+ 18-Volt 320 PSI 0.8 GPM Cold Water Cordless Power Cleaner is a battery-operated tool designed for convenient and portable cleaning. It is ideal for various outdoor cleaning tasks, offering a balance of power and portability. This tool is part of the extensive ONE+ system, allowing battery interchangeability with over 125 other RYOBI ONE+ tools.

### Key Features:

- **Cordless Operation:** Utilizes the RYOBI ONE+ 18-Volt battery system for ultimate portability (battery and charger sold separately).
- **Versatile Cleaning Power:** Delivers up to 320 PSI, suitable for cleaning windows, outdoor furniture, boats, campers, and other recreational vehicles.
- **Efficient Water Usage:** Features a 0.8 GPM maximum flow rate.
- **3-in-1 Nozzle:** Includes a multi-functional nozzle for various spray patterns.
- **Siphon Hose Capability:** Equipped with a 20 ft. suction hose to draw water from any fresh water source, such as a bucket or lake.



Figure 1: RYOBI RY120350 ONE+ 18-Volt Cordless Power Cleaner with included accessories.

## 2. SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power cleaner. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

### General Safety Warnings:

- **Eye Protection:** Always wear eye protection with side shields marked to comply with ANSI Z87.1.
- **Hearing Protection:** Wear hearing protection during extended use.
- **Footwear:** Wear appropriate footwear to prevent slipping on wet surfaces.
- **Keep Area Clear:** Keep children, bystanders, and pets away from the operating area.
- **Electrical Safety:** Ensure battery compartment is securely closed and dry before use. Do not expose the battery or tool to water while charging.
- **Water Source:** Use only clean, fresh water. Do not use corrosive or flammable liquids.
- **Nozzle Safety:** Never point the spray nozzle at people, animals, or electrical components.

## 3. SETUP

### Unpacking and Assembly:

1. Carefully remove all components from the packaging.
2. Attach the spray wand to the power cleaner by aligning the connections and twisting until secure.
3. Insert the desired 3-in-1 nozzle into the end of the spray wand.
4. Ensure the battery compartment is dry before inserting a fully charged RYOBI ONE+ 18-Volt battery. Close the compartment securely.



Figure 2: Power cleaner with spray wand attached.

## Connecting the Water Source:

The RYOBI power cleaner offers two primary methods for water intake:

- **Garden Hose Connection:** Connect a standard garden hose (not included) directly to the inlet on the power cleaner. Ensure a tight, leak-free connection.
- **Siphon Hose (Included):** For drawing water from a bucket, lake, or other fresh water source, attach the 20 ft. siphon hose to the power cleaner's inlet. Place the filtered end of the siphon hose into your water source.



Figure 3: Power cleaner in use, drawing water from a bucket via the siphon hose.

## Setup Video:

Watch this video for a visual guide on setting up and using your portable power cleaner:

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Video 1: Demonstrates the unboxing, assembly, and initial use of a portable cordless pressure washer.

## 4. OPERATING INSTRUCTIONS

### Powering On and Off:

- To turn on the power cleaner, press and hold the trigger.
- To turn off, release the trigger.

### Using the 3-in-1 Nozzle:

The integrated 3-in-1 nozzle allows for quick changes between spray patterns:

- **Rinse:** A wide, gentle spray for general rinsing.
- **Hard Angle:** A focused spray for tougher dirt.
- **Turbo:** A rotating spray for maximum cleaning power on stubborn areas.

Rotate the nozzle head to select the desired spray pattern.



Figure 4: Close-up of the 3-in-1 nozzle on the power cleaner.

### Cleaning Applications:

This power cleaner is suitable for light to medium-duty cleaning tasks:

- **Vehicles:** Ideal for washing cars, bikes, boats, and campers.
- **Outdoor Furniture:** Clean patio chairs, tables, and cushions.
- **Surfaces:** Effective for cleaning windows, siding, and light stains on decks or patios.

## 5. MAINTENANCE

### Cleaning the Filter:

Regularly inspect and clean the filter on the siphon hose to prevent clogs and maintain optimal performance.

Rinse the filter with clean water to remove any debris.

**Battery Care:**

- Always use the correct RYOBI ONE+ 18-Volt battery and charger.
- Store batteries in a cool, dry place away from direct sunlight and moisture.
- Do not store batteries in the power cleaner for extended periods.

**Storage:**

- Disconnect the water source and remove the battery after each use.
- Drain any remaining water from the power cleaner and hoses to prevent freezing damage.
- Store the power cleaner and accessories in a dry, protected area.

**6. TROUBLESHOOTING**

Problem	Possible Cause	Solution
Unit not priming/no water flow	Loose hose connection, air in the system, clogged filter, insufficient water source.	Ensure all hose connections are tight. Submerge siphon hose filter completely in water. Check siphon hose for kinks. Ensure water source is adequate.
Low pressure	Low battery charge, clogged nozzle, incorrect nozzle setting, restricted water flow.	Charge battery. Clean nozzle. Rotate nozzle to a higher pressure setting. Check water source and hose for obstructions.
Water leaks	Loose connections, worn O-rings, damaged hose.	Tighten all hose connections. Inspect and replace worn O-rings. Check hoses for damage and replace if necessary.
Unit does not turn on	Battery not inserted correctly, battery discharged, safety switch engaged.	Ensure battery is fully inserted. Charge battery. Check if the safety switch is disengaged.

**7. SPECIFICATIONS**

Specification	Value
Brand	RYOBI
Model Number	RY120350
Power Source	Battery Powered (18-Volt ONE+)
Maximum Pressure (PSI)	320 PSI
Maximum Flow Rate (GPM)	0.8 GPM
Item Weight	7.4 Pounds
Hose Length	20 Feet (Siphon Hose)
Product Dimensions	15.25"L x 8.13"W x 10.88"H
Certification	UL

## 8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official documentation included with your RYOBI RY120350 ONE+ 18-Volt Cold Water Cordless Power Cleaner or visit the official RYOBI website. Warranty terms and conditions may vary.

For technical support, replacement parts, or further assistance, please contact RYOBI Customer Service or visit their authorized service centers. Contact details can typically be found on the product packaging or the official RYOBI website.