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RYOBI RHV18-0

RYOBI RHV18-0 Generation II 18V Handheld Vacuum Cleaner User Manual

Model: RHV18-0

1. Introduction

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your RYOBI RHV18-0 Generation II 18V Handheld Vacuum Cleaner. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: The RYOBI RHV18-0 Generation II 18V Handheld Vacuum Cleaner, showcasing its compact and ergonomic design.

2. Safety Instructions

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions before using the appliance.
- Do not use the vacuum cleaner outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up toxic material, such as chlorine bleach, ammonia, or drain cleaner.
- Do not use without dust bag and/or filters in place.
- Use extra care when cleaning on stairs.
- Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing the appliance.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance.
- Recharge only with the charger specified by the manufacturer.
- Use appliances only with specifically designated battery packs.

3. Package Contents

The RYOBI RHV18-0 Handheld Vacuum Cleaner package includes the following items:

- RYOBI RHV18-0 Generation II Handheld Vacuum Cleaner (Tool Only)
- Crevice tool with retractable brush
- User Manual

Note: This product is sold as a "tool only" unit. Battery and charger are not included and must be purchased separately. This vacuum cleaner is compatible with RYOBI ONE+ 18V batteries.

4. Setup

4.1 Attaching the Battery

1. Ensure the vacuum cleaner's power switch is in the "OFF" position.
2. Align the RYOBI ONE+ 18V battery pack with the battery port on the vacuum cleaner handle.
3. Slide the battery pack firmly into place until it clicks, indicating it is securely locked.

4.2 Attaching the Crevice Tool

1. Locate the crevice tool with the retractable brush.
2. Insert the narrow end of the crevice tool into the vacuum's suction nozzle until it fits snugly.
3. To use the brush, slide the brush forward. To retract, slide it backward.

5. Operating Instructions

5.1 Powering On/Off

- To turn on the vacuum cleaner, press the power button located on the handle.
- To turn off the vacuum cleaner, press the power button again.
- The vacuum features a locking switch for continuous operation, reducing effort during extended use.

5.2 General Operation

The RYOBI RHV18-0 is designed for versatile cleaning tasks in your home, car, or workshop. Its powerful suction (up to 1000 L/min) effectively picks up dust, debris, and sawdust.

- Direct the nozzle towards the area to be cleaned.
- For tight spaces or corners, attach the crevice tool.
- Move the vacuum slowly over the surface to ensure thorough cleaning.



Figure 2: Using the RYOBI RHV18-0 to clean sawdust in a workshop environment. The extended nozzle allows access to various areas.



Figure 3: The RYOBI RHV18-0 is suitable for cleaning car interiors, effectively removing crumbs and debris from seats and floorboards.

6. Maintenance

6.1 Emptying the Dust Collector

The 600ml dust collector should be emptied regularly to maintain optimal suction performance.

1. Ensure the vacuum cleaner is turned off and the battery is removed.
2. Locate the release button or latch for the dust collector.
3. Carefully detach the dust collector from the main unit.
4. Position the dust collector over a waste bin and open its lid or flap to empty the contents.



Figure 4: Demonstrating the easy emptying process of the 600ml dust collector into a waste bin.

6.2 Cleaning the HEPA Filter

The HEPA 11 filter helps capture fine dust particles. Regular cleaning is essential for maintaining air quality and suction power.

1. After emptying the dust collector, remove the HEPA filter.
2. Tap the filter gently over a waste bin to dislodge accumulated dust.
3. If necessary, the filter can be rinsed under cold running water. Ensure the filter is completely dry before reinserting it into the vacuum cleaner. Do not use detergents or hot water.
4. Reinsert the dry filter into the dust collector, then reattach the dust collector to the vacuum unit.

7. Troubleshooting

If you encounter issues with your RYOBI RHV18-0, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery not inserted correctly or discharged.	Ensure battery is fully charged and securely clicked into place.
Low suction power.	Dust collector full, filter clogged, or nozzle/hose blocked.	Empty dust collector. Clean or replace HEPA filter. Check nozzle and hose for obstructions.
Vacuum turns off unexpectedly.	Battery discharged or overheating.	Recharge battery. Allow vacuum to cool down if used continuously for a long period.

Problem	Possible Cause	Solution
Dust escaping from vacuum.	Dust collector or filter not properly installed.	Ensure dust collector and HEPA filter are correctly seated and sealed.

8. Specifications

Key technical specifications for the RYOBI RHV18-0 Generation II 18V Handheld Vacuum Cleaner:

Feature	Detail
Brand	RYOBI
Model Name	RHV18-0
Power Source	18V Battery (ONE+ System)
Air Flow	1000 L/min
Air Watts	29 AW
Collector Capacity	600 ml
Filter Type	HEPA Filter (HEPA 11)
Weight (without battery)	0.95 kg (2.09 pounds)
Special Features	Lightweight, Portable, Cordless
Included Components	Crevice tool with retractable brush
Noise Level	80 dB
Recommended Uses	Car, Home, Workshop

9. Warranty and Support

RYOBI offers a comprehensive warranty for its tools.

- All RYOBI tools and batteries are guaranteed for a total of 24 months from the date of purchase.
- An extended warranty of one additional year is offered if the consumer registers their product within 30 days of the purchase date.
- Proof of purchase (original invoice) and registration confirmation are required for warranty claims.
- For support, service, or warranty claims, please contact RYOBI customer service or visit the official RYOBI website.

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