RYOBI RY404170VNM

RYOBI 40V HP Brushless Whisper Series 730 CFM Backpack Blower Kit User Manual

Model: RY404170VNM

1. Introduction

This manual provides essential instructions for the safe operation, assembly, and maintenance of your RYOBI 40V HP Brushless Whisper Series 730 CFM Backpack Blower Kit. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury. Keep this manual for future reference.





Image 1.1: Overview of the RYOBI 40V HP Brushless Whisper Series 730 CFM Backpack Blower Kit, showing the blower unit, batteries, and charger.

2. Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or property damage.

- **Eye Protection:** Always wear eye protection with side shields marked to comply with ANSI Z87.1.
- **Hearing Protection:** Wear hearing protection during operation.
- **Work Area:** Keep the work area clean and well-lit. Remove all debris and obstacles that could be thrown or entangled.
- **Clothing:** Wear heavy long pants, long sleeves, boots, and gloves. Do not wear loose clothing or jewelry that could get caught in moving parts.
- **Battery Safety:** Use only RYOBI 40V batteries and chargers. Do not expose batteries to water or extreme temperatures.
- **Children and Bystanders:** Keep children and bystanders at a safe distance (at least 50 feet) from the operating area.
- **Inspect Before Use:** Before each use, inspect the unit for loose fasteners, damaged parts, or any other condition

that may affect its safe operation.

3. Package Contents

Verify that all items listed below are included in your package. If any parts are missing or damaged, do not operate the product and contact customer service.

- 1 x RYOBI 40V HP Brushless Whisper Series 730 CFM Backpack Blower (Model: RY404017)
- 2 x RYOBI 40V 6Ah Battery (Model: OP40604)
- 1 x RYOBI 40V Rapid Charger (Model: OP406A)
- 1 x Speed Tip Attachment
- 1 x Operator's Manual



Image 3.1: The main blower unit, two 40V 6Ah batteries, and the rapid charger included in the kit.

4. Setup

Follow these steps to prepare your backpack blower for use.

4.1. Charging the Batteries

1. Connect the rapid charger (OP406A) to a standard electrical outlet.
2. Slide a 40V 6Ah battery (OP40604) onto the charger. Ensure it clicks into place.
3. Allow the battery to charge fully. The indicator light on the charger will show the charging status.
4. Repeat for the second battery.

4.2. Assembling the Blower Tube

1. Align the blower tube with the outlet on the main blower unit.
2. Push the tube firmly until it locks into position.
3. If desired, attach the speed tip to the end of the blower tube for concentrated airflow.

4.3. Adjusting the Backpack Harness

1. Place the backpack blower on your back.
2. Adjust the shoulder straps and chest strap for a comfortable and secure fit. The contoured back and shoulder harness are designed for support.
3. Ensure the weight is evenly distributed and the blower is stable on your back.



Image 4.1: Key features of the RYOBI backpack blower, including the contoured back/shoulder harness, adjustable straps, turbo button, variable speed trigger, and speed tip attachment.

5. Operating Instructions

Familiarize yourself with the controls before operating the blower.

5.1. Inserting Batteries

1. Ensure the blower is off.
2. Open the battery compartment.
3. Slide fully charged 40V batteries into the active battery ports until they click into place. This model features two active battery ports for extended runtime.
4. Close the battery compartment securely.

5.2. Starting and Stopping the Blower

1. To start, press and hold the safety switch, then squeeze the variable speed trigger.
2. To increase or decrease airflow, adjust the pressure on the variable speed trigger.
3. For continuous operation at a set speed, engage the cruise control lever.
4. To stop the blower, release the variable speed trigger.

5.3. Using the Turbo Button

For maximum power to clear stubborn debris, press the turbo button located on the handle. The blower will operate at its highest CFM and MPH. Release the button to return to the previously set speed.

5.4. Operating Tips

- Start blowing debris from the outer edges of the area and work inward.
- Use a sweeping motion to move leaves and debris effectively.
- For wet or heavy debris, utilize the turbo function and the speed tip attachment.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your blower.

6.1. Cleaning

- Disconnect batteries before cleaning.
- Wipe the exterior of the blower with a clean, damp cloth.
- Clear any debris from the air intake vents and blower tube.
- Do not use strong detergents or solvents.

6.2. Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and moisture.
- Do not store batteries in a discharged state for extended periods. Charge them periodically.
- Remove batteries from the blower when not in use.

6.3. Inspection

- Periodically check all fasteners for tightness.
- Inspect the blower tube for cracks or damage.
- Ensure the backpack straps and harness are in good condition.

7. Troubleshooting

If you encounter issues with your blower, refer to the following common problems and solutions.

- **Blower does not start:**
  - Ensure batteries are fully charged and properly inserted.
  - Check that the safety switch is engaged before squeezing the trigger.

- **Reduced airflow or power:**
  - Verify batteries are fully charged.
  - Check for debris obstructing the blower tube or air intake.
  - Ensure the speed tip is not clogged.
- **Excessive noise or vibration:**
  - Inspect the blower for any loose components or damaged parts.
  - Ensure the blower tube is securely attached.

If problems persist after attempting these solutions, contact RYOBI customer service.

8. Specifications

Feature	Specification
Brand	RYOBI
Model Number (Kit)	RY404170VNM
Model Number (Blower)	RY404017
Power Source	Battery Powered
Voltage	40 Volts
Form Factor	Backpack
Special Feature	Turbo
Noise Level	59 dB
Air Volume	730 CFM
Air Speed	165 MPH
Item Weight	21.2 Pounds
Included Components	Blower, (2) Batteries, Charger, Speed Tip

9. Warranty and Support

The RYOBI 40V HP BRUSHLESS WHISPER SERIES Backpack Blower is backed by a**5-year tool warranty**. For warranty claims, technical assistance, or to purchase replacement parts, please contact RYOBI customer service. Keep your proof of purchase for warranty validation.
For the most current support information, visit the official RYOBI website or refer to the contact details provided in your product registration materials.

© 2023 RYOBI. All rights reserved. Information in this manual is subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question