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RYOBI RY404012BTLVNM

RYOBI 40V 450 CFM Jet Fan Blower Instruction Manual

MODEL: RY404012BTLVNM

1. Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your RYOBI 40V 450 CFM Jet Fan Blower. Please read and understand all instructions before using the product to ensure proper function and user safety. This blower is designed for clearing leaves and debris from hard surfaces and lawns.

2. Safety Information

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

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear Eye Protection:** Always wear safety glasses or goggles with side shields that comply with ANSI Z87.1.
- **Wear Hearing Protection:** Prolonged exposure to noise from power tools can cause hearing damage.
- **Keep Area Clear:** Ensure bystanders, children, and pets are at a safe distance (at least 50 feet) from the operating area.
- **Dress Properly:** Do not wear loose clothing or jewelry that could get caught in moving parts. Wear sturdy footwear.
- **Avoid Unintentional Starting:** Ensure the switch is in the off position before inserting the battery pack, picking up, or carrying the appliance.
- **Do Not Operate in Wet Conditions:** Avoid using the blower in rain or wet environments.
- **Inspect Before Use:** Check for damaged parts, loose fasteners, or any other condition that may affect safe operation.
- **Use Only RYOBI 40V Batteries:** This tool is designed for use with RYOBI 40V battery packs.

3. Package Contents

Your RYOBI 40V 450 CFM Jet Fan Blower package includes the following:

- One (1) RYOBI 40V 450 CFM Jet Fan Blower (Model: RY404012BTLVNM)

Note: Battery and charger are not included with this unit and must be purchased separately.

4. Setup

4.1 Battery Installation

This blower operates with a RYOBI 40V battery (sold separately).

1. Ensure the blower is turned off.
2. Align the ribs on the battery pack with the grooves in the blower's battery port.
3. Slide the battery pack into the blower until it clicks securely into place.
4. To remove the battery, press the battery release latch and pull the battery pack out.

4.2 Blower Tube Assembly

The blower tube needs to be attached to the main unit.

1. Align the slot on the blower tube with the tab on the blower housing.
2. Push the tube onto the housing until it locks into position.
3. To remove, press the release button (if present) and twist or pull the tube off.



Image 1: The RYOBI 40V 450 CFM Jet Fan Blower with its attached nozzle, ready for operation. The bright green and black design is visible, highlighting the handle, battery slot, and the long blower tube.

5. Operation

5.1 Starting and Stopping

1. Ensure a charged 40V battery is securely installed.
2. To start the blower, press and hold the trigger switch located on the handle.
3. To stop the blower, release the trigger switch.

5.2 Variable Speed Control

This blower features a variable speed trigger, allowing you to control the airflow.

- Squeeze the trigger gently for lower airflow, suitable for delicate areas like flower beds.
- Squeeze the trigger fully for maximum airflow (450 CFM / 120 MPH) to clear stubborn debris.

5.3 Operating Tips

- Work in a circular motion or from one side to the other to gather debris effectively.
- Use lower speeds for light debris and higher speeds for heavier or wet leaves.
- Avoid directing the airflow towards people or animals.
- Do not block the air intake vents during operation.

6. Maintenance

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

6.1 Cleaning

1. Always remove the battery pack before cleaning.
2. Wipe the exterior of the blower with a clean, damp cloth. Do not use strong detergents or solvents.
3. Clear any debris from the air intake vents and the blower tube to maintain proper airflow.

6.2 Storage

1. Remove the battery pack from the blower before storing.
2. Store the blower in a dry, well-ventilated area, out of reach of children.
3. Avoid storing in direct sunlight or areas with extreme temperatures.

6.3 Battery Care

- Charge battery packs fully before storage and periodically during long storage periods to maintain battery health.
- Store battery packs in a cool, dry place.

7. Troubleshooting

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Blower does not start	Battery not installed correctly Battery not charged Trigger not fully depressed	Ensure battery is clicked into place Charge the battery pack Press the trigger firmly
Low airflow	Air intake vents blocked Blower tube obstructed Battery charge low	Clear debris from vents Remove obstruction from tube Recharge battery
Excessive vibration	Debris in fan housing Loose blower tube	Remove battery and clear debris Ensure blower tube is securely attached

If the problem persists after attempting these solutions, contact RYOBI customer support.

8. Specifications

Feature	Specification
Brand	RYOBI
Model Number	RY404012BTLVNM
Power Source	Battery Powered
Voltage	40 Volts
Air Flow Capacity	450 Cubic Feet Per Minute (CFM)
Air Speed	120 Miles per Hour (MPH)
Form Factor	Handheld
Special Feature	Adjustable Speed (Variable Trigger)
Item Weight	6.5 Pounds
Product Dimensions	20.3 x 13.7 x 8.9 inches
UPC	046396038807

9. Warranty and Support

9.1 Warranty Information

The RYOBI 40V Jet Fan Blower is backed by a 5-year limited warranty. Please refer to the warranty card included with your product or visit the official RYOBI website for full warranty details and terms.

9.2 Customer Support

For technical assistance, replacement parts, or any questions regarding your RYOBI product, please contact RYOBI customer support. Contact information can typically be found on the RYOBI official website or on the product packaging.

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