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> Kobalt 24-Volt Max Lithium Ion 410-CFM Brushless Cordless Electric Leaf Blower User Manual

Kobalt KHB 4024A-03

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Brand: Kobalt

Model: KHB 4024A-03

INTRODUCTION

The Kobalt 24-Volt Max Lithium Ion 410-CFM Brushless Cordless Electric Leaf Blower is designed for efficient leaf and debris removal in outdoor spaces. Its brushless motor provides extended runtime and motor life, while the turbine fan delivers powerful airflow. The lightweight and ergonomic design ensures user comfort during operation. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your leaf blower.

This kit includes the leaf blower unit, a blower tube, one 4.0Ah 24-volt max battery, and a standard 45W charger. A rapid 110W charger is sold separately (item #672833). The included battery and charger are compatible with all Kobalt's 24-volt max tools.

PRODUCT OVERVIEW



This image shows the Kobalt 24-Volt Max Lithium Ion 410-CFM Brushless Cordless Electric Leaf Blower, along with its accompanying 24V 4.0Ah battery and charger. The blower features a blue and black design with a long black blower tube attached to the main unit. The battery is inserted into the base of the handle, and the charger is a separate blue unit with a power cord.

Key Features:

- **Brushless Motor:** Kobalt's 24-volt brushless motor provides 3.6 times more run time and longer motor life

compared to a brushed motor.

- **Powerful Airflow:** Turbine fan produces air flow of up to 410-CFM and 100-MPH, ideal for clearing leaves and debris.
- **Variable-Speed Trigger:** Features a variable-speed trigger with lock-on cruise control for maximum user control and customizable power.
- **Lightweight Design:** Designed to be lightweight at only 4.4-lbs, reducing user fatigue during extended use.
- **Ergonomic Balance:** Built ergonomically to provide good balance for enhanced user comfort.
- **Battery System:** Includes a 4.0Ah battery and standard 45W charger, compatible with all Kobalt 24-volt max tools.

COMPONENTS INCLUDED

Your Kobalt 24-Volt Max Lithium Ion Leaf Blower package includes the following:

- Leaf Blower Unit
- Blower Tube
- 24-Volt Max 4.0Ah Lithium Ion Battery
- 45W Standard Battery Charger

SETUP

1. Charging the Battery

1. Ensure the charger is connected to a standard electrical outlet (120V AC, 60Hz).
2. Slide the 24-Volt Max Lithium Ion battery into the charger until it clicks into place.
3. Allow the battery to charge fully. The indicator lights on the battery will show the charge status. A full charge typically takes approximately 50 minutes with the included 4.0Ah battery.
4. Once fully charged, remove the battery from the charger.

2. Attaching the Blower Tube

1. Align the blower tube with the air outlet on the main blower unit.
2. Push the tube firmly onto the outlet and twist clockwise until it locks securely into position. Ensure it is fully seated to prevent it from detaching during operation.

3. Installing the Battery

1. With the blower unit upright, align the charged battery with the battery port at the base of the handle.
2. Slide the battery into the port until it clicks securely into place. Ensure it is fully seated and locked to prevent accidental dislodgement.

OPERATING INSTRUCTIONS

1. Starting and Stopping the Blower

- To start the blower, firmly press the trigger located on the handle. The airflow will begin immediately.
- To stop the blower, release the trigger.

2. Using Variable Speed and Cruise Control

- The blower features a variable-speed trigger. Press the trigger lightly for lower airflow and press it fully for maximum airflow (up to 100 MPH).
- For continuous operation at a set speed, push the cruise control lever forward to lock the trigger in place.
- To disengage cruise control, simply squeeze and release the trigger.

3. General Usage Tips

- This leaf blower is ideal for medium-duty tasks such as leaf and debris removal for yards up to 1/4-acre.
- Always direct the airflow away from yourself, other people, and pets.
- Do not use this product for indoor applications. It is designed for outdoor use only.
- Wear appropriate personal protective equipment (PPE) such as eye protection and hearing protection during operation.

MAINTENANCE

1. Cleaning

- After each use, wipe down the exterior of the blower with a clean, damp cloth.
- Ensure the air intake and exhaust vents are free from debris to maintain proper airflow and prevent overheating.
- Do not use harsh chemicals or abrasive cleaners.

2. Battery Care and Storage

- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store the battery with a partial charge (around 50%).
- Do not store the battery fully discharged or fully charged for extended periods.
- Periodically charge the battery if stored for several months to maintain its health.

3. General Storage

- Store the leaf blower in a dry, secure location, out of reach of children.
- Detach the battery from the blower unit before storing for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Blower does not start.	Battery not installed correctly or not charged.	Ensure battery is fully inserted and clicked into place. Check battery charge level and recharge if necessary.
Reduced airflow or power.	Battery low on charge; air intake/exhaust blocked.	Recharge battery. Clear any debris from the air intake or blower tube.
Blower stops unexpectedly.	Overheating; battery depleted.	Allow blower to cool down. Recharge battery. Ensure vents are clear.

If you encounter issues not listed here or if the problem persists after attempting the solutions, please contact Kobalt

customer support.

SPECIFICATIONS

Specification	Value
Brand	Kobalt
Model Number	KHB 4024A-03
Battery Voltage	24-Volt Max
Battery Type	Lithium Ion (Li-ion)
Air Flow Capacity	Up to 410 CFM
Air Speed	Up to 100 MPH
Item Weight	4.4 lbs
Power Source	Battery Powered
Brushless Motor	Yes
Variable Speed	Yes
Safe for Indoor Use	No

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Kobalt website. Keep your purchase receipt as proof of purchase for warranty claims.

If you require technical assistance, replacement parts, or have questions regarding your Kobalt 24-Volt Max Lithium Ion Leaf Blower, please contact Kobalt customer support through their official channels. Contact information can typically be found on the product packaging or the manufacturer's website.