Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

RYOBI P21014BTLVNM

RYOBI ONE+ HP 18V Brushless Whisper Series Cordless Leaf Blower Instruction Manual

Model: P21014BTLVNM

1. Safety Information

Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Wear Eye Protection:** Always wear eye protection with side shields marked to comply with ANSI Z87.1.
- **Wear Hearing Protection:** Prolonged exposure to noise from this appliance may cause hearing damage.
- **Keep Area Clear:** Keep children, bystanders, and animals at least 50 ft (15 m) away from the operating area.
- **Inspect Before Use:** Check for loose parts, damaged components, or any condition that may affect safe operation.
- **Use Correct Battery:** Only use RYOBI ONE+ 18V batteries with this blower.
- **Avoid Wet Conditions:** Do not operate in rain or wet conditions.

2. Product Overview

The RYOBI ONE+ HP 18V Brushless Whisper Series Cordless Leaf Blower is designed for efficient clearing of leaves and debris from various surfaces. It features a brushless motor for enhanced performance and a Whisper Series design for reduced noise output.

Key Features:

- **Brushless Motor:** Provides increased power and longer motor life.
- **Whisper Series Technology:** Engineered for quiet operation (57dB).
- **High Air Volume & Speed:** Delivers up to 450 CFM (Cubic Feet Per Minute) and 130 MPH (Miles Per Hour).
- **Variable Speed Trigger:** Allows for precise control over airflow for delicate areas.
- **Cruise Control:** Reduces user fatigue during extended use.
- **Turbo Button:** Provides maximum power boost for stubborn debris.
- **Speed Tip Attachment:** Enhances air speed for heavier debris.
- **18V ONE+ System Compatibility:** Works with all RYOBI 18V ONE+ batteries.

Components:

1. Blower Housing
2. Blower Tube
3. Speed Tip (if included)

4. Battery Port (Battery and Charger sold separately)
5. Variable Speed Trigger
6. Cruise Control Lever
7. Turbo Button



Figure 1: The RYOBI ONE+ HP 18V Brushless Whisper Series Cordless Leaf Blower. This image displays the main unit with its attached blower tube, highlighting the ergonomic handle and battery port.

3. Setup

3.1. Assembly

1. Align the blower tube with the blower housing.
2. Push the tube onto the housing until it clicks securely into place.
3. If a speed tip is included, attach it to the end of the blower tube by twisting until it locks.



Figure 2: An assembled view of the RYOBI leaf blower, showing the main unit with the blower tube attached. This illustrates the compact design and ready-to-use configuration.

3.2. Battery Installation

- Ensure the battery is fully charged before use. (Battery and charger are sold separately).
- Slide the 18V ONE+ battery into the battery port on the blower until it clicks into place.
- To remove the battery, press the release latch and slide the battery out.

4. Operating Instructions

4.1. Starting the Blower

1. Ensure a charged battery is securely installed.
2. Grip the handle firmly.
3. Press the variable speed trigger to start the blower. The airflow speed will increase as you press the trigger further.

4.2. Using Variable Speed and Cruise Control

- The variable speed trigger allows you to adjust airflow for different tasks, from delicate flower beds to stubborn debris.
- For continuous operation at a set speed, engage the cruise control lever while holding the desired trigger position. Release the trigger to disengage.

4.3. Activating Turbo Mode

- For maximum power, press the Turbo button located on the top of the handle. This provides a temporary boost for heavy-duty clearing.

5. Maintenance

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

- **Cleaning:** After each use, remove the battery and clean the exterior of the blower with a damp cloth. Ensure air vents are free of debris.
- **Storage:** Store the blower in a dry, secure location out of reach of children. Remove the battery before long-term storage.
- **Battery Care:** Store batteries in a cool, dry place. Do not store batteries in a discharged state.

6. Troubleshooting

Problem	Possible Cause	Solution
Blower does not start.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge battery if necessary.
Reduced airflow.	Blower tube or air intake blocked.	Remove battery, then clear any obstructions from the tube or air intake.
Blower stops during operation.	Battery overheated or discharged.	Allow battery to cool down. Replace with a charged battery.

7. Specifications

- **Brand:** RYOBI
- **Model Name:** Ryobi One+
- **Item Model Number:** P21014BTLVNM
- **Power Source:** Battery Powered (18 Volts)
- **Air Flow Capacity:** 450 Cubic Feet Per Minute (CFM)
- **Maximum Speed:** 130 Miles per Hour (MPH)
- **Noise Level:** 57 Decibels (dB) - Whisper Series
- **Item Weight:** 6.93 pounds
- **Product Dimensions:** 22 x 8 x 14 inches
- **UPC:** 046396038784
- **Included Components:** Blower (Tool Only). Battery and Charger not included.

8. Warranty and Support

The RYOBI ONE+ HP 18V Brushless Whisper Series Cordless Leaf Blower is backed by a 3-year warranty. For warranty claims, technical support, or service inquiries, please refer to the contact information provided in your product packaging or visit the official RYOBI website.
Note: This product is sold as a "Tool Only" and does not include a battery or charger. These must be purchased separately.

© 2025 RYOBI. All rights reserved. Information 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

Open the live page

https://manuals.plus/asin/B0BNM6JRLQ

More documents and user manuals: **https://manuals.plus/**