

Makita DUB187Z

Makita DUB187Z Cordless Leaf Blower/Vacuum Cleaner 18V Instruction Manual

Model: DUB187Z | Brand: Makita

1. INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your Makita DUB187Z Cordless Leaf Blower/Vacuum Cleaner. Please read this manual thoroughly before using the product to ensure proper handling and to prevent injury or damage.

The Makita DUB187Z is a versatile 18V cordless tool designed for both blowing and vacuuming leaves and light debris, offering convenience and portability for garden and outdoor cleaning tasks.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate personal protective equipment (PPE):** Always wear eye protection, hearing protection, and sturdy footwear.
- **Keep bystanders away:** Do not allow children or untrained individuals to operate the tool.
- **Inspect the work area:** Remove any objects that could be thrown or become entangled in the tool.
- **Use only specified batteries and chargers:** Refer to Makita's official website for compatible 18V LXT batteries and chargers.
- **Do not operate in wet conditions:** Avoid using the tool in rain or damp environments.

3. PRODUCT OVERVIEW

The Makita DUB187Z functions as both a leaf blower and a vacuum cleaner, featuring an ergonomic design for comfortable use.



Figure 3.1: Overall view of the Makita DUB187Z in vacuum configuration with collection bag and shoulder strap.

Key Features:

- **Dual Functionality:** Easily switches between blowing and vacuuming modes.
- **Variable Speed Control:** Infinitely adjustable speed via a control wheel.
- **Continuous Operation:** Lockable switch for extended use without holding the trigger.

- **Ergonomic Design:** Rubberized soft grip handle for increased comfort.
- **Deep Discharge Protection:** Automatically switches off when the battery is low to protect the battery.
- **Integrated Rollers:** Rollers at the end of the suction tube for easier guidance during vacuuming.
- **Collection Bag:** 25-liter capacity for vacuumed debris.



Figure 3.2: Rear view illustrating the attachment of the collection bag.

4. SETUP AND ASSEMBLY

4.1 Attaching the Tubes and Collection Bag

1. **For Blower Mode:** Attach the blower tube securely to the air outlet. Ensure it clicks into place.

2. **For Vacuum Mode:** Attach the wider suction tube to the air inlet. Connect the 25-liter collection bag to the air outlet. Ensure all connections are firm to prevent air leakage and ensure efficient operation.





Figure 4.1: Detail of the collection bag attachment mechanism.

4.2 Battery Installation and Removal

The Makita DUB187Z operates on an 18V LXT Lithium-Ion battery (not included). Ensure the battery is fully charged before use.

- **To Install:** Align the battery with the battery slot on the tool and slide it in until it locks into place.
- **To Remove:** Press the release button on the battery and slide it out of the tool.

Note: This product is sold without a battery or charger. Compatible batteries and chargers can be found on the official Makita website.

5. OPERATING INSTRUCTIONS

5.1 Switching Between Blower and Vacuum Modes

The tool features a mode selector switch to change between blowing and vacuuming functions.



Figure 5.1: Mode selector switch (left) and speed control dial (right).

- Rotate the switch to the desired mode (blower or vacuum). Ensure the correct tubes and collection bag are attached for the selected mode.

5.2 Blower Operation

1. Ensure the blower tube is attached and the mode selector is set to 'Blower'.
2. Hold the tool firmly with both hands.
3. Press the trigger to start. Adjust the air speed using the control wheel. For continuous operation, engage the lockable switch.
4. Direct the airflow towards leaves and debris to clear the area.



Figure 5.2: Operating the tool in blower mode.

5.3 Vacuum Operation

1. Ensure the suction tube and collection bag are attached, and the mode selector is set to 'Vacuum'.
2. Hold the tool firmly. The integrated rollers at the end of the suction tube allow for easy guidance along the ground.
3. Press the trigger to start. Adjust the suction power using the control wheel. Engage the lockable switch for continuous operation.
4. Move the suction tube over leaves and light debris. The tool will collect and shred the material into the collection bag.
5. Empty the collection bag regularly to maintain optimal suction performance.



Figure 5.3: Operating the tool in vacuum mode.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Makita DUB187Z.

6.1 Cleaning

- **Tool Body:** Wipe the exterior of the tool with a clean, damp cloth. Do not use strong detergents or solvents.
- **Tubes:** Periodically check the blower and suction tubes for blockages and clear any accumulated debris.
- **Collection Bag:** Empty the collection bag frequently. Clean it as needed by shaking out debris or rinsing with water and allowing it to dry completely before reattaching.

6.2 Storage

- Store the tool in a dry, secure place, out of reach of children.

- Remove the battery from the tool before storage.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Makita DUB187Z, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly Battery discharged Tool malfunction	Reinstall battery securely Charge battery Contact Makita service center
Low blowing/suction power	Blocked tube/inlet Collection bag full Battery low	Clear any blockages Empty collection bag Charge battery
Tool stops unexpectedly	Battery deep discharge protection activated Overheating	Charge battery Allow tool to cool down

8. SPECIFICATIONS

Technical specifications for the Makita DUB187Z Cordless Leaf Blower/Vacuum Cleaner:

Specification	Value
Model	DUB187Z
Power Source	Battery operated (18V LXT)
Idle Speed	9,000 - 13,500 min ⁻¹
Air Speed	64 m/s
Weight (with battery)	3.7 - 4.0 kg (8.16 - 8.82 lbs)
Product Dimensions (L x W x H)	1168 x 164 x 416 mm (45.98"L x 6.46"W x 16.38"H)
Noise Power Level (LWA)	94.32 dB(A)
Noise Pressure Level (LpA)	81.8 dB(A)
Vibration	≤ 2.5 m/s ²
Collection Bag Capacity	25 Liters
Included Components	1 x DUB187Z unit, GB00000185 collection bag

9. WARRANTY AND SUPPORT

For detailed warranty information, service, and to find compatible accessories or replacement parts, please visit the official Makita website or contact your local Makita service center.

Makita Official Website: [Makita.de](https://www.makita.de)

ASK A QUESTION ABOUT THIS MANUAL

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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.

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