Makita DUB363ZV

Makita DUB363ZV Twin 18V (36V) Li-ion LXT Brushless Blower Instruction Manual

Model: DUB363ZV

1. Important Safety Instructions

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

General Safety

- Read all instructions before using the appliance.
- Wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.
- Keep children and bystanders away while operating the blower.
- Do not operate the blower in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Ensure all guards and safety devices are in place and functioning correctly before operation.

Battery Safety

- Use only Makita LXT 18V Li-ion batteries with this tool. The DUB363ZV is **not compatible with G-Series batteries**.
- Do not expose batteries to water or excessive heat.
- Do not short-circuit a battery.
- The tool features a battery protection circuit designed to protect the battery from damages due to over-discharge, overload current, and overheating.
- Always remove batteries when not in use or during maintenance.

Blower Specific Safety

- Never point the nozzle at people or animals.
- Be aware of flying debris.
- Do not use the blower to spread chemicals or other hazardous materials.

- The eXtreme Protection Technology (XPT) provides increased dust and water resistance, but the tool is not waterproof. Avoid direct exposure to heavy rain.

2. Product Overview

The Makita DUB363ZV is a powerful cordless blower and vacuum, designed for efficient clearing of leaves and debris. It operates on two 18V Li-ion LXT batteries, providing 36V performance. This model features a brushless motor for extended durability and efficiency.



Figure 1: Makita DUB363ZV Blower (Batteries not included)

Key Features

- **Twin 18V (36V) Li-ion LXT Power:** Utilizes two 18V batteries for high power output.
- **Brushless Motor:** Provides increased power, efficiency, and longer tool life.
- **Blower and Vacuum Functionality:** Capable of both blowing and vacuuming debris (vacuum function requires dust bag).
- **Variable Speed Control:** Trigger-controlled speed for precise operation.
- **Cruise Control Function:** Allows locking the variable speed trigger at a desired power level for continuous use.
- **3-Stage Telescopic Long Nozzle:** Adjustable nozzle with a 100mm range for versatile use.
- **Sub Handle:** Designed for comfortable sideways operation in both blower and vacuum modes.
- **Motor Interlock System:** Ensures the motor does not start until the nozzle and fan are securely installed.
- **eXtreme Protection Technology (XPT):** Enhanced resistance to dust and water.
- **Mulching Capability:** Mulches collected leaves before adding to the collection bag (in vacuum mode).

3. Setup

Battery Installation

1. Ensure the blower is switched off.
2. Align two fully charged Makita 18V LXT Li-ion batteries with the battery slots on the blower.

3. Slide the batteries into the slots until they click into place. Ensure they are securely latched.
4. To remove, press the release button on each battery and slide them out.

Nozzle and Vacuum Kit Attachment

The DUB363ZV features a motor interlock system. The motor will not start until both the nozzle and the fan cover (for vacuum mode) are securely installed.

1. **For Blower Mode:** Attach the desired nozzle (end nozzle or flat nozzle) to the blower outlet. Twist or push until it locks securely.
2. **For Vacuum Mode:**
    - Remove the blower nozzle.
    - Attach the vacuum kit components, including the intake pipe and the dust bag, according to the instructions provided with the vacuum kit.
    - Ensure the dust bag is properly attached and zipped.

4. Operating Instructions

Starting and Stopping

- Ensure batteries are installed and attachments are secure.
- To start, pull the trigger switch. The motor will start instantly.
- To stop, release the trigger switch.

Variable Speed Control

The blower's speed is controlled by the trigger switch. Pressing the trigger further increases the air velocity and volume.

Cruise Control Function

For continuous operation at a set speed:

1. Pull the trigger to the desired speed.
2. Engage the cruise control lever to lock the trigger in position.
3. To disengage, release the cruise control lever or pull the trigger fully and then release.

Blower Operation

- Direct the nozzle towards the debris to be cleared.
- Use the 3-stage telescopic long nozzle to adjust the length for optimal reach and comfort (adjustment range of 100mm).
- The sub handle can be used for improved control when operating the blower sideways.



Figure 2: Operating the Makita DUB363ZV in vacuum mode with the collection bag attached.

Vacuum Operation

- Ensure the vacuum kit and dust bag are correctly installed.
- Move the intake pipe over the debris. The blower will draw in leaves and mulch them before depositing them into the collection bag.
- Regularly check and empty the dust bag to maintain optimal performance.

5. Maintenance

Cleaning

- Always remove batteries before cleaning.
- Wipe the exterior of the blower with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clear any debris from the air intake vents and nozzle/vacuum inlet to ensure proper airflow.
- Empty and clean the dust bag after each use in vacuum mode.

Storage

- Store the blower in a clean, dry place, out of reach of children.
- Remove batteries from the tool before long-term storage.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
Blower does not start.	Batteries not installed or discharged. Nozzle or fan cover not securely installed (Motor Interlock System). Battery protection circuit activated.	Install fully charged batteries. Ensure all attachments are securely locked in place. Remove batteries, allow them to cool, then reinsert.
Reduced air volume/suction.	Air intake or nozzle/pipe blocked. Dust bag full (in vacuum mode). Batteries low on charge.	Clear any obstructions. Empty the dust bag. Replace with fully charged batteries.
Blower stops unexpectedly.	Battery protection circuit activated (overload, overheating, over-discharge). Batteries fully discharged.	Allow batteries and tool to cool down. Replace with charged batteries. Replace with fully charged batteries.

7. Specifications

Feature	Specification
Brand	Makita
Model Name	DUB363ZV
Power Source	Battery Powered (Twin 18V Li-ion LXT)
Voltage	36 Volts
Max Air Velocity	Up to 65 meters per second
Max Air Volume	Up to 13.4 cubic meters per minute
No-load Speed	Up to 7,850 rpm
Noise Level	94.9 dB
Item Weight	4.5 Kilograms (9.9 pounds)
Product Dimensions (L x W x H)	32.91" x 7.6" x 16.34"
Included Components	1 x End nozzle, 1 x Flat nozzle, 1 x Makita DUB363ZV unit, 1 x Pipe, 1 x Shoulder belt, 1 x Vacuum kit

Feature	Specification
Special Feature	Cordless, Brushless Motor, XPT, Cruise Control

8. Warranty and Support

Warranty Information

This Makita product comes with a **1-year manufacturer warranty**. An additional **2 years of warranty** can be obtained by registering the product within 30 days of purchase. Please refer to the official Makita website for registration details.

Important Warranty Exclusions:

- The guarantee does not apply where non-genuine or non-recommended parts or accessories are fitted to the tool.
- The use of non-genuine or incompatible batteries and chargers with Makita tools will invalidate the Makita guarantee for the tools.

Customer Support

For technical assistance, spare parts, or warranty claims, please contact your local authorized Makita service center or visit the official Makita website for support resources.

You can find more information and contact details on theMakita Store on Amazon.