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## Makita DHW180Z

# Makita DHW180Z Cordless Pressure Washer User Manual

MODEL: DHW180Z

## Introduction

Thank you for choosing the Makita DHW180Z Cordless Pressure Washer. This lightweight and portable pressure cleaner is designed for light washing tasks, offering two power modes (8 or 24 bar) for versatile use, from cleaning equipment on job sites to watering plants at home. Its cordless design provides exceptional maneuverability, and it connects easily to an external water supply via a hose. This manual provides essential information for the safe and effective operation, setup, maintenance, and troubleshooting of your device.

Key features include:

- External water supply connection via hose.
- Two power modes (High/Low).
- Highly maneuverable and easy to transport.
- Space-saving design, no high-pressure hose required.
- XPT (eXtreme Protection Technology) for water splash protection.

## Safety Instructions

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operation.

- **Personal Safety:** Always wear appropriate personal protective equipment, such as safety glasses, when operating the pressure washer. Do not direct the spray at people, animals, or electrical components.
- **Electrical Safety:** This tool is battery-powered. Ensure the battery pack is fully charged before use. Do not expose the battery or tool to water or wet conditions. Use only Makita genuine batteries and chargers.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate the pressure washer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Product Handling:** Do not force the tool. Use the correct tool for your application. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- **Water Connection:** Ensure all water connections are secure to prevent leaks. Do not use the pressure

washer with contaminated water.

## Setup

Follow these steps to prepare your Makita DHW180Z for use:

1. **Attach the Nozzle Assembly:** Securely attach the long nozzle assembly to the main unit. Ensure it clicks into place firmly.



Image: The nozzle assembly of the Makita DHW180Z, showing the connection point to the main unit.



Image: Close-up of the multi-spray nozzle head, indicating different spray patterns.

2. **Install the Water Filter:** Insert the water filter into the water inlet connection point on the bottom of the unit. This helps protect the pump from debris.



Image: The transparent water filter component, ready to be inserted into the pressure washer's water inlet.

3. **Connect Water Supply:** Attach your garden hose or water supply hose to the water inlet connection. Ensure a tight and leak-free connection. The device can draw water from various sources, including buckets or bottles, using the appropriate accessory (not included).



Image: Close-up of the water inlet connection point on the underside of the pressure washer, where a hose is attached.

4. **Insert Battery:** Slide a charged Makita 18V Lithium-Ion battery into the battery compartment until it clicks into place. Ensure it is securely seated.



Image: The battery compartment of the Makita DHW180Z, designed for an 18V Lithium-Ion battery.

## Operating

Operating your Makita DHW180Z is straightforward:

1. **Select Power Mode:** Use the power mode switch located near the handle to select between the two pressure settings: High (24 bar) for tougher cleaning tasks or Low (8 bar) for lighter duties like watering plants.



Image: Close-up of the power mode switch on the handle, allowing selection between two pressure settings.

2. **Adjust Spray Pattern:** Rotate the nozzle head to select the desired spray pattern. Options typically include a

direct jet, fan spray, or a wider spray for watering.

3. **Start Operation:** Point the nozzle at the surface to be cleaned or watered, ensuring a safe distance. Press the trigger to start the water flow. Release the trigger to stop.



Image: A person using the Makita DHW180Z to clean a window, demonstrating its handheld use.



Image: A person using the Makita DHW180Z to clean a car, showing its portability with a water container.



Image: A person using the Makita DHW180Z to water plants, highlighting its lower pressure mode capability.

4. **After Use:** Release the trigger, disconnect the water supply, and remove the battery.

## Maintenance

Regular maintenance ensures the longevity and optimal performance of your pressure washer:

- **Cleaning:** After each use, wipe down the exterior of the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Water Filter:** Periodically remove and clean the water filter to prevent blockages and ensure consistent water flow. Rinse it under running water to remove any trapped debris.
- **Storage:** Store the pressure washer in a dry, cool place, away from direct sunlight and freezing temperatures. Ensure all water is drained from the unit before storage to prevent damage.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.

## Troubleshooting

If you encounter issues with your Makita DHW180Z, refer to the following common problems and solutions:

- **No Water Flow:**
  - Check if the water supply is connected and turned on.
  - Ensure the water filter is not clogged. Clean if necessary.
  - Verify the battery is charged and properly inserted.
- **Low Pressure:**
  - Confirm the power mode switch is set to the desired pressure (High/Low).
  - Check for kinks or blockages in the water supply hose.
  - Ensure the nozzle is clean and free from debris.
- **Unit Not Starting:**
  - Verify the battery is fully charged and correctly inserted.

- Check if the power mode switch is engaged.

- **Water Leaking:**

- Ensure all hose connections are tight and sealed.
- Check for damaged O-rings or seals and replace if necessary.

If the problem persists after attempting these solutions, please contact Makita customer support or an authorized service center.

## Specifications

Specification	Value
Manufacturer	MAKITA
Model Number	DHW180Z
Product Dimensions (L x W x H)	41.9 x 9.9 x 23.9 cm
Weight	2.4 Kilograms
Color	Petrol
Power Source Type	Battery Powered
Voltage	18 Volts
Batteries Included	No
Batteries Required	Yes
Country of Origin	China

## Warranty and Support

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Makita website. Warranty terms and conditions may vary by region and retailer.

For technical support, spare parts, or service inquiries, please contact your local Makita authorized service center or the retailer from whom you purchased the product. Always provide the model number (DHW180Z) and serial number (if applicable) when seeking support.