

Mayoki MFSP12L-03

Mayoki 3-Gallon Lawn Garden Sprayer (Model MFSP12L-03)

INSTRUCTION MANUAL

Brand: Mayoki | Model: MFSP12L-03

1. Product Overview

The Mayoki 3-Gallon Lawn Garden Sprayer is a battery-powered backpack unit designed for efficient spraying in various outdoor applications. It features compatibility with Makita 18V batteries, a translucent tank for easy monitoring, and adjustable pressure settings for versatile use.



Figure 1: Mayoki 3-Gallon Lawn Garden Sprayer with included accessories.

2. Safety Information

WARNING: Always read and follow the instructions provided with the product. Keep out of reach of children and pets. Avoid contact with eyes and skin. Use in a well-ventilated area. Do not use near heat sources. Do not mix chemicals. Dispose of contents and container responsibly. Store in a cool, dry place. In case of accidental ingestion or contact with eyes, seek medical attention immediately.

3. Package Contents

Verify that all items listed below are included in your package:

- 1x Backpack Sprayer (3-Gallon / 12L Tank)
- 1x 18V 2.0Ah Battery
- 1x 2A Battery Charger
- 2x Spray Wands (1x Adjustable-length SS rod, 1x Plastic rod)
- 7x Nozzles (various spray patterns)

3 GAL BATTERY OPERATED BACKPACK SPRAYER



18V 2.0 AH BATTERY



2 AMP CHARGER

Figure 2: Included 18V 2.0Ah Battery and 2A Charger.

4. Setup

4.1. Charging the Battery

Before first use, fully charge the included 18V 2.0Ah battery using the provided 2A charger. The charger will indicate when the battery is fully charged.

4.2. Assembling the Spray Wand

1. Connect the desired spray wand (adjustable SS rod or plastic rod) to the spray handle. Ensure a secure, leak-free connection.
2. Select one of the 7 nozzles and attach it to the end of the spray wand.



7 NOZZLES FOR VARIOUS SPRAYING NEEDS



22" PLASTIC WAND



20" - 38" EXTENDABLE BRASS WAND

Figure 3: Attaching the spray wand to the handle and selecting a nozzle.

4.3. Connecting the Hose

Connect the hose from the backpack sprayer to the spray handle. Tighten securely to prevent leaks.

4.4. Installing the Battery

Open the battery compartment on the side of the sprayer. Insert the charged 18V battery until it clicks into place. Close the compartment cover securely.



Figure 4: Battery compartment for the 18V battery.

5. Operating Instructions

5.1. Filling the Tank

1. Unscrew the large cap on top of the translucent tank.
2. Ensure the inlet filtration screen is in place to prevent debris from entering the pump.
3. Pour your desired liquid (water, herbicide, pesticide, cleaner) into the 3-gallon tank. The translucent tank allows for easy monitoring of liquid levels.
4. Securely replace the cap.



Figure 5: Tank opening with filter screen for filling.

5.2. Adjusting Pressure

Locate the speed control knob on the side of the sprayer. Turn the knob to adjust the pressure, with a maximum of 55 PSI. This allows you to control the flow rate (up to 0.33 gal/min) and spray distance (up to 25 feet) according to your needs.

LOW VOLTAGE PROTECTION



Automatically stops below 14.4V to protect your battery

Figure 6: Speed control knob to adjust spray pressure.

5.3. Spraying

Press the trigger on the spray handle to begin spraying. The handle features a lock ring for continuous spraying, reducing hand fatigue during extended use.

5.4. General Operation Demonstration

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Video 1: Demonstration of the Mayoki 3-Gallon Lawn Sprayer in operation, showing its ease of use and spray capabilities.

6. Nozzle Types and Usage

The sprayer comes with 7 different nozzles to suit various spraying needs, from fine mist to direct stream. The adjustable-length SS rod (20" to 38") and plastic rod provide flexibility for reaching different areas.



Figure 7: Various nozzles included for different spray patterns.



Figure 8: Telescopic spray wand for reaching higher or distant areas.

6.1. Nozzle Installation Tutorial

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Video 2: Tutorial demonstrating how to install and change sprayer nozzles.

7. Battery and Charging

The sprayer is compatible with Makita 18V batteries. The included 18V 2.0Ah battery and 2A charger allow for extended use. The sprayer and battery both feature low voltage protection, automatically shutting off when the voltage drops below 14.4V to prolong battery service life.

8. Maintenance

8.1. Cleaning the Tank

After each use, especially when using chemicals, thoroughly rinse the tank with clean water. The drain port at the bottom allows for easy emptying without tipping the sprayer.

8.2. Cleaning Nozzles and Wand

Remove nozzles and rinse them with clean water. Clear any blockages. Rinse the spray wand and handle. Store all components dry.

8.3. Storage

Store the sprayer in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is removed if storing for extended periods.

9. Troubleshooting

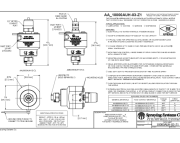
- **No Spray/Weak Spray:** Check if the battery is charged and properly installed. Ensure all hose connections are secure. Clean the nozzle for any blockages. Verify the speed control knob is set to an appropriate pressure.
- **Leaks:** Check all connections for tightness. Ensure gaskets are properly seated and not damaged. Replace worn gaskets if necessary.
- **Pump Not Activating:** Check battery charge. Ensure the power switch is in the 'ON' position.

10. Specifications

Brand	Mayoki
Model Name	12L Backpack Sprayer
Item Model Number	MFSP12L-03
Tank Volume	3 Gallons (12 Liters)
Power Source	Battery Powered (Compatible with Makita 18V)
Battery Included	1x 18V 2.0Ah Lithium Ion
Charger Included	1x 2A Charger
Maximum Pressure	55 PSI
Flow Rate	0.33 gal/min
Spray Distance	Up to 25 feet
Item Weight	10.58 pounds (4.81 Kilograms)
Product Dimensions	10"W x 20"H
Material	Plastic
Color	Green

11. Warranty and Support

For warranty information or product support, please contact Mayoki customer service. Refer to your product packaging or the official Mayoki website for the most up-to-date contact details.

	TeeJet IC45 Sprayer Software Release Notes: Features, Fixes, and Updates Detailed release notes for TeeJet IC45 Sprayer software, covering new features, bug fixes, and improvements across versions v2.10, v2.02, v2.01, v2.00, v1.96, v1.07, v1.03, v1.02, and v1.01. Includes information on DynaJet, TrackMatic, and ISOBUS integration.
	GARDENA Water Control EasyPlus Art. 01897 Operator's Manual Official operator's manual for the GARDENA Water Control EasyPlus (Art. 01897), providing detailed instructions for automatic garden irrigation, setup, operation, and maintenance in multiple languages.
	Kobalt Fogger KFG 1024B-03 User Manual This manual provides instructions for the safe and effective use, care, and maintenance of the Kobalt Fogger KFG 1024B-03. It includes safety warnings, assembly instructions, operating procedures, troubleshooting tips, and warranty information.
	Kobalt KPM 1040B-03 Brushless Push Lawn Mower User Manual Comprehensive user manual for the Kobalt KPM 1040B-03 Brushless Push Lawn Mower, covering safety, operation, assembly, and maintenance.
	Kobalt 42-Inch Max-Lithium Riding Lawn Mower Manual This manual provides comprehensive instructions for the Kobalt 42-Inch Max-Lithium Riding Lawn Mower, covering safety information, assembly, operation, maintenance, and troubleshooting.
	Pulsajet 10000AUH-03-Z1 Automatic Spray Nozzle - Spraying Systems Co. Technical data sheet for the Spraying Systems Co. Pulsajet 10000AUH-03-Z1, an electrically actuated automatic spray nozzle designed for Zone 1 hazardous areas. Features include ATEX certification, FM approval, and various material options.