LINGYUE TM-PQ18V

LINGYUE Cordless HVLP Paint Sprayer (Model TM-PQ18V) User Manual

Model: TM-PQ18V | Brand: LINGYUE

Safety Information Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Safety Information

Always operate the LINGYUE Cordless HVLP Paint Sprayer in a well-ventilated area to prevent inhalation of paint mist. Avoid using near heat sources or open flames. Ensure proper disposal of paint materials and containers according to local, state, and federal regulations. Wear appropriate personal protective equipment, including safety glasses, gloves, and a respirator, during operation and cleaning.

2. Setup

2.1 Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that all items listed in the "Comprehensive Accessories" section are present.

- 1 x Paint Sprayer
- 1 x 800ml/25oz Container
- 3 x Copper Nozzles (1mm, 1.5mm, 2.5mm)
- 1 x Cleaning Brush
- 1 x Viscosity Cup
- 2 x Gaskets for Container
- 1 x User Manual

2.2 Battery Installation

This paint sprayer is compatible with 18V Makita batteries (BL1830, BL1840, BL1850, BL1850B, BL1860, BL1860B). Ensure the battery is fully charged before use.

1. Align the battery with the battery slot on the bottom of the sprayer handle.
2. Slide the battery into place until it clicks securely.
3. To remove, press the release button on the battery and slide it out.

Note: Battery is not included with the product.

2.3 Assembling the Sprayer

The sprayer can be easily disassembled and reassembled for cleaning and nozzle changes.

1. Attach the paint container to the sprayer body by twisting it clockwise until secure.
2. Select the appropriate copper nozzle (1mm, 1.5mm, or 2.5mm) based on the paint viscosity and desired spray pattern. The 1mm nozzle is suitable for thinner materials, while the 2.5mm nozzle is for thicker coatings.
3. Insert the selected nozzle into the nozzle cap and then screw the cap onto the sprayer head.

Your browser does not support the video tag.

Video: Demonstrates the assembly of the LINGYUE Cordless Paint Sprayer, including attaching the paint container and nozzle.



Image: The LINGYUE paint sprayer with its 800ml container detached, illustrating how it connects to the main unit.

2.4 Paint Preparation and Viscosity Test

Proper paint viscosity is crucial for optimal spraying performance. Use the included viscosity cup to test your paint.

1. Fill the viscosity cup with the paint.

2. Measure the time it takes for the paint to completely drain from the cup. Refer to your paint manufacturer's recommendations for ideal spray viscosity.
3. If the paint is too thick, thin it gradually with the recommended solvent (water for latex, mineral spirits for oil-based) until the desired viscosity is achieved.
4. The sprayer supports a maximum viscosity of 120 DIN.

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Video: Demonstrates the process of preparing paint and testing its viscosity using the provided cup for optimal sprayer performance.

3. Operation

3.1 Adjusting Spray Patterns

The LINGYUE paint sprayer offers three adjustable spray patterns: horizontal, vertical, and circular. This allows for versatile application across different surface sizes and shapes.

- **Horizontal (90°):** Ideal for wide surfaces, such as walls or fences.
- **Vertical (180°):** Suitable for tall or narrow objects, like railings or cabinet doors.
- **Circular (45°):** Best for small areas, corners, or detailed work.

To change the spray pattern, rotate the air cap to align the desired pattern with the nozzle.



Image: A visual guide illustrating the three adjustable spray patterns (horizontal, circular, vertical) available on the sprayer.

3.2 Adjusting Flow Rate

The flow control knob allows you to adjust the paint output, providing variable spraying effects.

1. Rotate the flow control knob to increase or decrease the paint flow.
2. Test the spray on a scrap piece of material to ensure the desired coverage and finish before applying to your project.

3.3 Spraying Technique

Maintain a consistent distance from the surface (typically 6-12 inches) and move the sprayer in smooth, even strokes. Overlap each pass by approximately 50% to ensure uniform coverage. Avoid tilting the sprayer excessively, as this can affect paint flow.

Wide range of applications

Pet House,Railing,Bike,Chair,Table,Wall.....

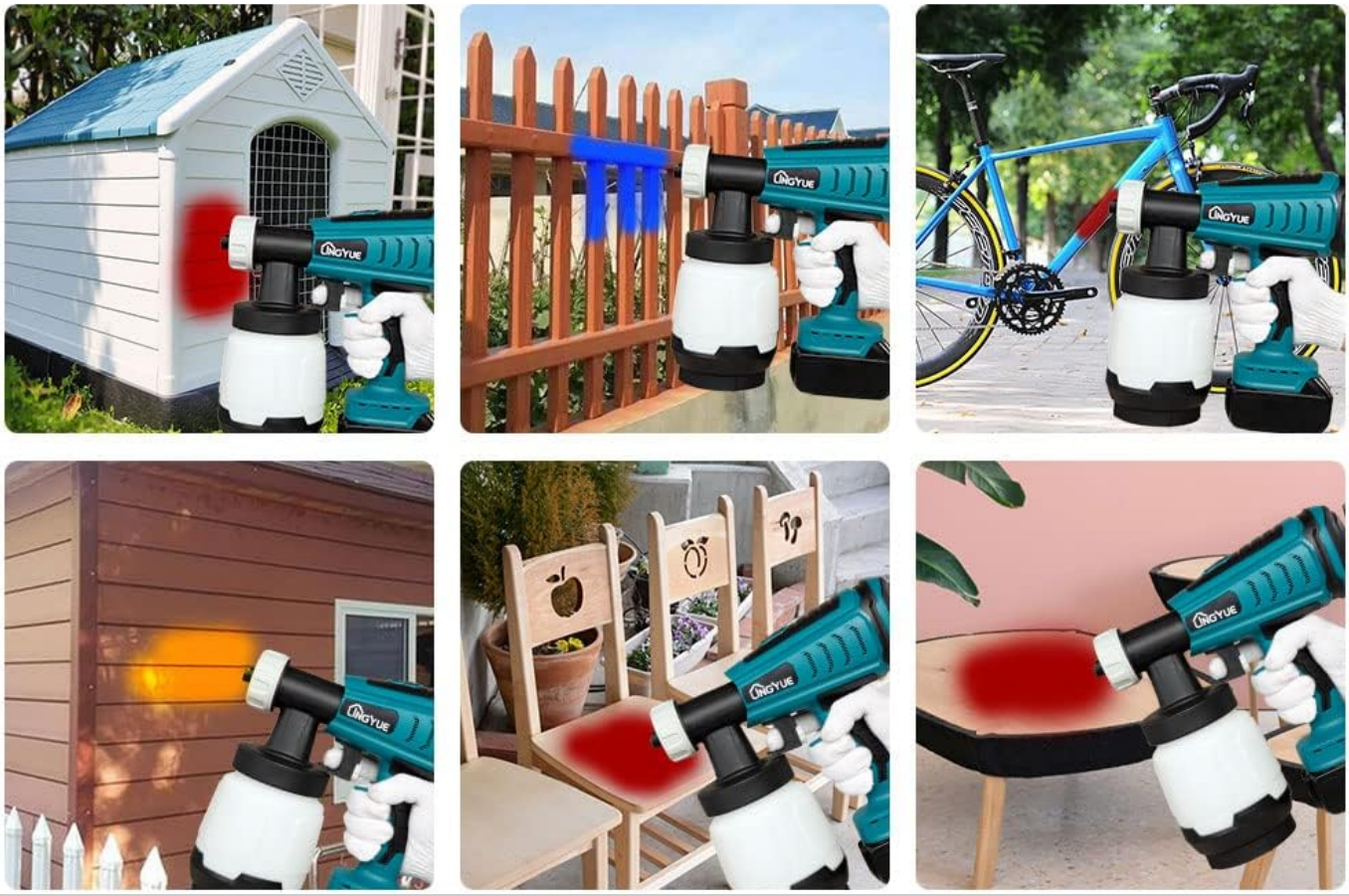


Image: A user demonstrating the application of paint on a fence, highlighting the sprayer's versatility for outdoor projects.



Image: A collage showcasing the wide range of applications for the LINGYUE paint sprayer, including pet houses, railings, bicycles, chairs, tables, and walls.

4. Maintenance

4.1 Cleaning the Sprayer

Thorough cleaning after each use is essential to prevent clogging and ensure the longevity of your paint sprayer.

1. Empty any remaining paint from the container.
2. Fill the container with the appropriate cleaning solution (water for latex paint, mineral spirits for oil-based paint).
3. Spray the cleaning solution through the sprayer until it runs clear.
4. Disassemble the sprayer (container, nozzle, air cap).
5. Use the provided cleaning brush and needle to thoroughly clean all components, paying close attention to the nozzle and fluid tip to remove any paint residue.
6. Rinse all parts with clean water and allow them to dry completely before reassembling or storing.

5. Troubleshooting

Problem	Possible Cause	Solution
No spray or weak spray	• Clogged nozzle • Paint too thick • Low battery • Air filter blocked	• Clean the nozzle thoroughly with the provided needle. • Thin paint to the correct viscosity. • Recharge or replace the battery. • Clean or replace the air filter.
Uneven spray pattern	• Incorrect nozzle selection • Improper spray technique • Partially clogged nozzle	• Select the appropriate nozzle for paint viscosity. • Maintain consistent distance and even strokes. • Clean the nozzle.
Paint spitting or dripping	• Paint too thick or too thin • Loose nozzle or container • Damaged gasket	• Adjust paint viscosity. • Ensure all parts are securely tightened. • Inspect and replace gaskets if damaged.

6. Specifications

Feature	Detail
Brand	LINGYUE
Model Name	TM-PQ18V
Power Source	Battery Powered (18V Makita compatible)
Motor Type	Brushless Motor
Max Flow Rate	1000 ml/min
Max Viscosity	120 DIN
Tank Volume	800 Milliliters (25 oz)
Nozzle Sizes	1mm, 1.5mm, 2.5mm (Copper)
Spray Patterns	Horizontal, Vertical, Circular
Material	Plastic
Item Weight	1.47 Kilograms (3.24 pounds)
Product Dimensions	27"W x 12"H (Note: This dimension seems unusually large for a handheld sprayer, likely a typo in source data. User should refer to actual product for precise dimensions.)

7. Warranty and Support

For information regarding product warranty, please refer to the documentation included with your purchase or contact LINGYUE customer support directly. Keep your purchase receipt as proof of purchase.
If you encounter any issues or have questions not covered in this manual, please reach out to the manufacturer's customer service for assistance.

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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.

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