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YEX-BUR YX-SG05

YEX-BUR Cordless Paint Sprayer User Manual

Model: YX-SG05

1. Introduction

Thank you for choosing the YEX-BUR Cordless Paint Sprayer. This tool is designed for efficient and convenient paint application for various home interior and exterior projects. It is compatible with Milwaukee 18V batteries (not included), offering freedom from power cords. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting.

Package Contents:

- 1 x Paint Sprayer
- 1 x 1000ml Spray Container
- 4 x Nozzles (1.0mm, 1.8mm, 2.5mm, 3.0mm)
- 6 x Paint Filters
- 1 x Viscosity Cup
- 1 x Nozzle Cleaning Needle
- 1 x Cleaning Brush
- 30 x Protective Gloves
- 1 x User Manual



Image: The YEX-BUR Cordless Paint Sprayer shown with its various accessories, including the spray gun, container, nozzles, filters, viscosity cup, cleaning tools, and gloves.

2. Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Ventilation:** Use the sprayer in a well-ventilated area. Paint fumes can be harmful.
- **Eye and Respiratory Protection:** Always wear safety glasses or goggles and a respirator mask to protect against paint particles and fumes.
- **Flammable Materials:** Do not spray flammable liquids near open flames, pilot lights, or other ignition sources.
- **Electrical Safety:** Ensure the battery is properly inserted and removed. Do not expose the sprayer to rain or wet conditions.
- **Material Compatibility:** Dilute paint and primer as recommended. Ensure proper outflow time for different types of paint to prevent clogging and ensure optimal spray.
- **Children and Pets:** Keep the sprayer and paint materials out of reach of children and pets.
- **Cleaning:** Always clean the sprayer immediately after use to prevent paint from drying and clogging the

components.

3. Product Overview

Familiarize yourself with the components of your YEX-BUR Cordless Paint Sprayer.



Image: Labeled diagram showing key parts: Copper Nozzle, Paint Shape Adjusting Knob, Release Button, Dust-proof Cooling Channel, Trigger Switch (On/Off), Flow Rate Adjusting Knob, Non-slip Rubber Handle, Spray Container, and Battery Interface.



Image: An internal view highlighting the brushless motor, indicating low voltage protection (15V), rated speed (42000rpm), power (200W), and viscosity range (30-80 Din-sec).

4. Setup

Battery Installation:

This paint sprayer is compatible with Milwaukee 18V batteries (e.g., 48-11-1852, 48-11-1811, 48-11-1815, 48-11-1820, 48-11-1822, 48-11-1828, 48-11-1840, 48-11-1841, 48-11-1850, 48-11-1865, 48-11-1880). Ensure the battery is fully charged before use. Slide the battery into the battery interface until it clicks into place.

Paint Preparation and Filling:

1. **Dilute Paint:** Use the included viscosity cup to determine the correct dilution for your paint. The maximum viscosity supported is 80 Din-s. Refer to the table below for general outflow times.
2. **Filter Paint:** Use the paint filters provided to strain the paint before pouring it into the container. This helps prevent clogging.
3. **Fill Container:** Pour the prepared paint into the 1000ml spray container.

4. **Attach Container:** Securely tighten the spray container to the main spray gun unit.



Image: A visual guide demonstrating paint dilution using the viscosity cup and a table of recommended outflow times for various paint types, including solvent-based primer/paint, water-based primer/paint, car paint, and wood preservative/stripper/oil.

Image: A step-by-step visual guide illustrating the process of assembling, diluting paint, pouring paint, tightening the container, adjusting flow, adjusting the tube for orientation, and disassembling for cleaning.

5. Operating Instructions

Selecting Nozzle and Spray Pattern:

The sprayer comes with 4 nozzle sizes (1.0mm, 1.8mm, 2.5mm, 3.0mm) to suit different paint viscosities and project needs. The 2.5mm nozzle is pre-installed. You can also adjust the spray pattern to one of three types:

- **Horizontal (180°):** For wide, horizontal surfaces.
- **Vertical (90°):** For tall, vertical surfaces.
- **Circular (45°):** For small, round, or intricate areas.

Adjust the spray pattern by rotating the air cap on the front of the sprayer.



Image: A diagram illustrating the three adjustable spray patterns (Circular 45°, Vertical 90°, Horizontal 180°) and the four available nozzle sizes (3.0mm, 2.5mm, 1.8mm, 1.0mm) with their corresponding DIN viscosity ranges.

Adjusting Flow Rate:

The output volume of paint can be controlled by adjusting the flow rate knob located near the trigger. Turn the knob to increase or decrease the paint flow to match your project requirements and desired finish.

Spraying Technique:

- Hold the sprayer at a consistent distance (typically 8-12 inches) from the surface.
- Move the sprayer in smooth, even strokes, overlapping each pass slightly.
- Release the trigger at the end of each stroke to avoid paint buildup.
- Practice on a scrap piece of material to get a feel for the spray pattern and flow before starting your main project.

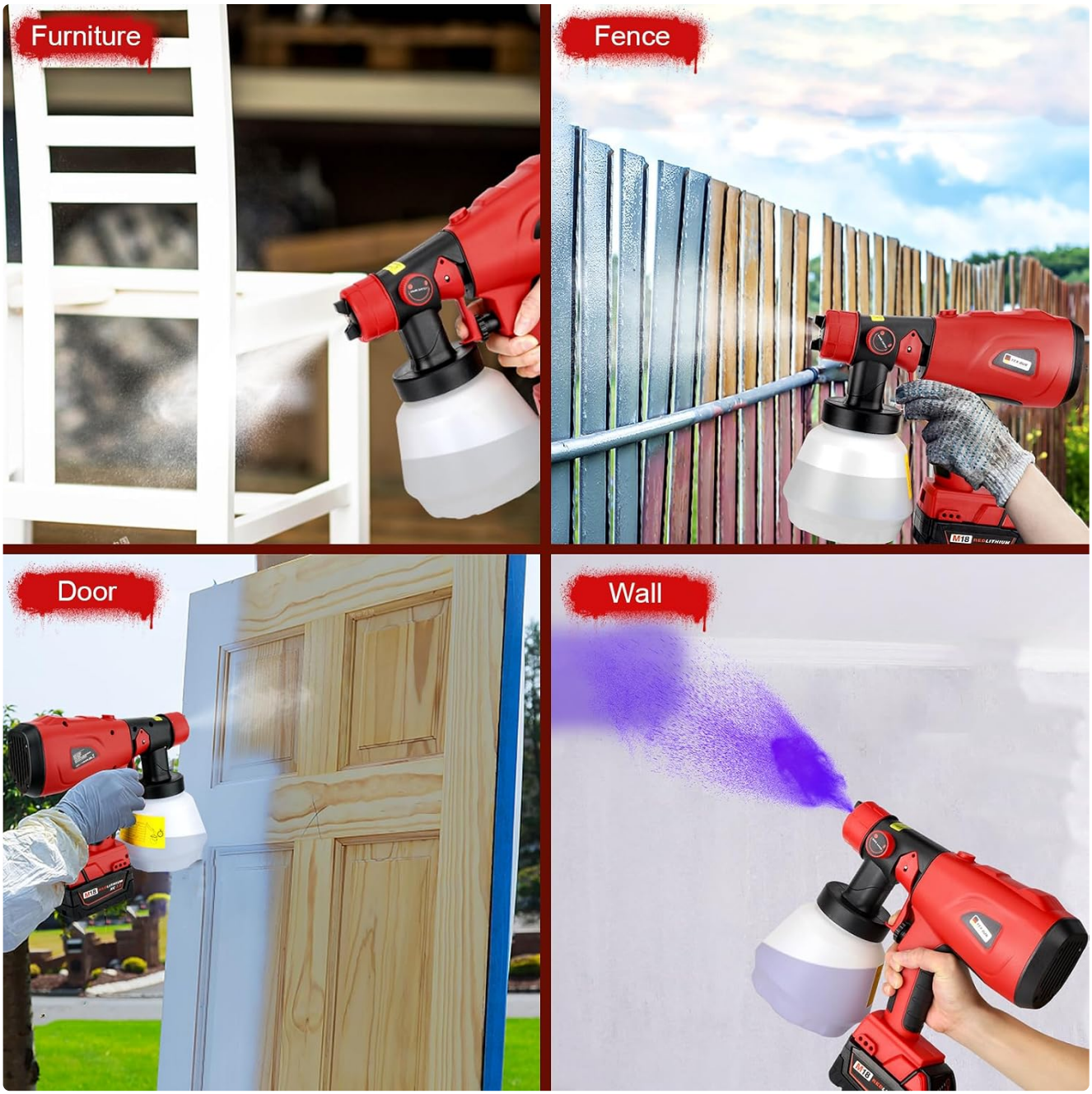


Image: Examples of the paint sprayer being used on various surfaces such as furniture, fences, doors, and walls, demonstrating its versatility for home painting projects.

6. Maintenance

Proper cleaning and maintenance are crucial for the longevity and performance of your paint sprayer.

Cleaning After Use:

Clean the sprayer immediately after each use. Dried paint can permanently damage the unit.

1. **Empty Container:** Remove the spray container and empty any remaining paint.
2. **Rinse Container:** Rinse the container thoroughly with water (for water-based paints) or appropriate cleaning solution (for oil-based paints).
3. **Disassemble:** Disassemble the nozzle and air cap components.
4. **Clean Components:** Use the provided cleaning brush and needle to thoroughly clean all parts that came into contact with paint, including the nozzle, air cap, and suction tube.
5. **Run Cleaner:** Fill the container with clean water or cleaning solution and spray it through the unit until the

liquid runs clear.

6. **Wipe Down:** Wipe the exterior of the sprayer with a damp cloth.
7. **Dry and Store:** Ensure all parts are completely dry before reassembling and storing the sprayer in a clean, dry place.



Image: A series of images demonstrating the disassembly and cleaning process for the paint sprayer, emphasizing the importance of cleaning immediately after use.

7. Troubleshooting

Problem	Possible Cause	Solution
Sprayer does not turn on.	Battery not inserted correctly or discharged. Low voltage protection activated.	Ensure battery is fully charged and properly seated. If voltage is below 15V, the unit will not operate; recharge battery.

Problem	Possible Cause	Solution
No paint or inconsistent spray.	Nozzle clogged. Paint too thick. Suction tube blocked. Air cap dirty.	Clean the nozzle and air cap thoroughly. Dilute paint to the correct viscosity. Check and clear the suction tube.
Paint drips or runs.	Paint too thin. Sprayer too close to surface. Too much paint flow.	Adjust paint dilution. Increase distance from surface. Reduce flow rate using the adjustment knob.
Rough or grainy spray pattern.	Paint not properly filtered. Nozzle partially clogged.	Ensure paint is filtered before filling. Clean nozzle and check for debris.

8. Specifications

- **Model Name:** YX-SG05
- **Brand:** YEX-BUR
- **Power Source:** Battery Powered (Compatible with Milwaukee 18V batteries)
- **Motor Power:** 200W
- **Rated Speed:** 42000rpm
- **Low Voltage Protection:** 15V
- **Max Viscosity:** 80 Din-s
- **Air Flow:** 160L/min
- **Spray Width:** 8-12 inches
- **Tank Volume:** 1000ml
- **Nozzle Sizes:** 1.0mm, 1.8mm, 2.5mm, 3.0mm
- **Spray Patterns:** Horizontal, Vertical, Circular
- **Material:** Plastic (with Brass Nozzles)
- **Item Weight:** 1.98 Pounds
- **Product Dimensions:** 10.9 x 3.74 x 9.13 inches

9. Warranty and Support

YEX-BUR is committed to providing quality products. If you have any questions or require assistance with your Cordless Paint Sprayer, please contact us via your order. Our technical and after-sales support teams are available to assist you.
For further information or to explore other YEX-BUR products, please visit the official YEX-BUR store on Amazon: YEX-BUR Store

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