

Ecarke 011M0A01

Ecarke Cordless Paint Sprayer (Model 011M0A01) Instruction Manual

Compatible with Milwaukee 18V Batteries

1. IMPORTANT SAFETY INFORMATION

WARNING: Not for Use with Latex Paint. This sprayer is engineered for oil-based paints, stains, varnishes, and enamels. It is NOT compatible with latex or acrylic paints. Using latex paint will cause clogs and damage to the tool. Always check paint compatibility before use.

Battery and charger are not included. Use compatible Milwaukee 18V batteries (4.0Ah or higher capacity recommended for best performance).

Always wear appropriate personal protective equipment, including safety glasses, gloves, and a respirator, when operating the paint sprayer.

Ensure adequate ventilation in your work area to prevent the buildup of hazardous fumes.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Cordless Paint Sprayer
- 1 x 1200mL Paint Container
- 4 x Nozzles (different calibers: 1.0mm, 1.5mm, 2.0mm, 2.5mm)
- 10 x Disposable Gloves
- 1 x Nozzle Cleaning Needle
- 1 x Cleaning Brush
- 1 x Viscosity Cup
- 10 x Filter Papers
- 1 x Brush

- 1 x User Manual
- 1 x Storage Bag



Image: All components of the Ecarke Cordless Paint Sprayer package, including the sprayer unit, paint container, various nozzles, cleaning tools, and protective gear.

3. SETUP

3.1 Attaching the Paint Container

1. Ensure the sprayer unit is clean and free of debris.
2. Align the paint container with the sprayer body.
3. Twist the container clockwise until it is securely tightened. Ensure the threads are properly aligned to prevent cross-threading and paint leakage.

3.2 Installing the Battery

1. Insert a compatible Milwaukee 18V battery into the battery slot at the base of the sprayer handle.
2. Push firmly until the battery clicks into place, indicating a secure connection.



Image: A user inserting a Milwaukee 18V battery into the base of the Ecarke Cordless Paint Sprayer, demonstrating battery compatibility.

3.3 Selecting and Installing Nozzles

1. Choose the appropriate brass nozzle (1.0mm, 1.5mm, 2.0mm, or 2.5mm) for your project type. Smaller nozzles are for finer finishes, larger for thicker coatings.
2. Unscrew the cap nut from the front of the sprayer.
3. Insert the chosen nozzle into the sprayer head.
4. Replace and tighten the cap nut securely.

The sprayer features onboard nozzle storage for two tips, allowing for quick changes during a project.



Image: Close-up of the Ecarke Cordless Paint Sprayer highlighting the onboard storage for two nozzles and the four different brass nozzle sizes.

4. OPERATING INSTRUCTIONS

4.1 Paint Preparation and Refilling

1. Always dilute paint according to the manufacturer's instructions and test viscosity using the included viscosity cup. Proper dilution is crucial for optimal spray performance and to prevent clogging.
2. Use the convenient side-fill port to add paint to the 1200mL tank without disassembling the entire unit. This minimizes mess and speeds up refills.
3. Securely close the side-fill cap after refilling.

OTHERS

OURS

Others Require Full Disassembly → Ours: Fill & Go!

1200ML

Quick Side-Fill • No Removal Needed

Image: A visual comparison illustrating the ease of refilling the Ecarke sprayer via its side-fill port compared to traditional methods requiring full disassembly.

4.2 Adjusting Spray Patterns and Flow Control

The sprayer offers three adjustable spray patterns: horizontal, vertical, and circular. Rotate the air cap to switch between these patterns to suit your application needs.

Use the adjustable flow dial to fine-tune the paint output, from a delicate mist to a heavy stream, for precise coverage on various surfaces.



Image: Detailed view of the sprayer's adjustable air cap for changing spray patterns and the flow control dial for precise paint output.

4.3 General Operation

1. Hold the sprayer approximately 6-12 inches from the surface, maintaining a consistent distance.
2. Press the trigger to begin spraying. Move the sprayer in smooth, even strokes to ensure uniform coverage.
3. Release the trigger to stop spraying.

ACHIEVE PERFECT RESULTS: USE THE RIGHT PAINT!



Image: A person using the Ecarke Cordless Paint Sprayer to apply paint to a surface, demonstrating typical operation.

4.4 Product Video Demonstration

Video: This video demonstrates the unique side-fill design of the Ecarke Cordless Paint Sprayer, highlighting how paint can be refilled without disassembling the tank, offering convenience and ease of use.

5. MAINTENANCE

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

1. Immediately after use, empty any remaining paint from the container.
2. For oil-based and metallic paints, first clean with paint thinner. Then rinse thoroughly with clear water.
3. For water-based paints, clean with clear water.
4. Disassemble the nozzle and air cap components.
5. Use the provided cleaning brush and nozzle cleaning needle to thoroughly clean all parts, ensuring no paint residue remains.
6. Rinse the paint container and suction tube.
7. Allow all components to dry completely before reassembling and storing.



Image: A visual guide demonstrating the steps for disassembling and cleaning the paint sprayer components to prevent clogs.

6. TROUBLESHOOTING

- **Sprayer Clogs:** Ensure paint is properly diluted and filtered before use. Thoroughly clean all components, especially the nozzle and air cap, after each use.
- **Uneven Spray Pattern:** Check that the nozzle is correctly installed and not damaged. Adjust the air cap to select the desired spray pattern. Ensure consistent distance and movement during spraying.
- **No Spray/Weak Spray:** Verify that the battery is fully charged and securely connected. Check for any blockages in the suction tube or nozzle. Ensure the paint container is securely tightened.
- **Paint Leakage:** Confirm that the paint container and side-fill cap are tightly secured. Inspect all seals and O-rings for damage.

7. SPECIFICATIONS

Feature	Specification
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Brand	Ecarke
Model Name	Cordless Paint Sprayer
Item Model Number	011M0A01
Power Source	Battery Powered (Compatible with Milwaukee 18V)
Motor Speed	43,000 RPM
Tank Volume	1200 Milliliters
Nozzle Sizes	1.0mm, 1.5mm, 2.0mm, 2.5mm (Brass)
Spray Patterns	Horizontal, Vertical, Circular
Item Weight	2.87 pounds (1.31 Kilograms)
Product Dimensions	4.7"W x 7"H
Recommended Use	Painting (Oil-based paints, stains, varnishes, enamels)

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your purchase or visit the official Ecarke website.

Protection plans are available for purchase separately. Please check Amazon for details on 3-Year, 4-Year, and Complete Protect plans.