

Ecarke Ecps-2025

Ecarke Cordless Paint Sprayer

MODEL: ECPS-2025 - COMPATIBLE WITH DEWALT 20V BATTERIES

1. Important Safety Information

WARNING: Not for Use with Latex Paint. This sprayer is specifically 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.

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

Ensure the work area is well-ventilated to prevent inhalation of paint fumes.

Keep the sprayer away from open flames, sparks, and other ignition sources.

2. Package Contents

Verify that all items are present in the package:

- 1 x Ecarke Cordless Paint Sprayer (Tool Only)
- 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

CORDLESS PAINT SPRAYER

- POWERFUL, CLOG-FREE & READY FOR ANY PROJECT

Compatible with DeWalt 20V Batteries
Battery Not Included



Side-Fill Design
No Tools Needed



Dual Nozzle Storage
Swap Instantly



43,000 RPM Motor
Pro-Level Power



1200ml
High Capacity Container
Spray Nonstop



4 Nozzles + 3 Patterns
Versatile Finishes



Deep-Reach Tube
0% Paint Waste



Hassle-Free Cleaning
Water-Based Ready



Adjustable Flow
Precision Control

3. Product Overview

The Ecarke Cordless Paint Sprayer is designed for efficient and mess-free painting. It features a powerful 43,000 RPM motor, a large 1200mL side-fill tank, and onboard nozzle storage for convenience.

- **High-Performance 43,000 RPM Motor:** Delivers strong, consistent spray power for a smooth finish.
- **Exclusive Side-Fill Design:** Allows quick paint refills without disassembling the tank.
- **Onboard Nozzle Storage:** Conveniently stores two of your most-used nozzles directly on the sprayer.
- **Adjustable Spray Patterns:** Easily switch between horizontal, vertical, and circular patterns.
- **Precision Flow Control:** Fine-tune the paint flow from a delicate mist to a heavy stream.
- **1200mL XL Tank:** Large capacity reduces the need for frequent refills, with a deep-reach tube to minimize paint waste.

capacity battery is recommended (battery and charger are not included).

1. Align the battery with the battery slot at the base of the sprayer handle.
2. Slide the battery into place until it clicks securely.



Image: Proper installation of a DeWalt 20V battery into the sprayer.

4.2 Nozzle Selection & Installation

The sprayer includes four brass nozzles for various project types:

- **1.0mm:** Fine finish, ideal for cabinets and small items.
- **1.5mm:** All-purpose, suitable for railings and multi-frame windows.
- **2.0mm:** General use, good for interior walls and wooden piles.
- **2.5mm:** Thick coatings, best for external walls and outdoor floors.

1. Unscrew the front mechanism of the sprayer.
2. Select the appropriate nozzle for your paint and project.
3. Insert the chosen nozzle into the sprayer head and secure it by twisting the cap nut.



Image: Visual guide to selecting the correct nozzle size for different applications.

4.3 Paint Preparation and Dilution

Always dilute your paint according to the manufacturer's instructions and the thinning chart provided on the paint container. Use the included viscosity cup to measure the paint's thickness. This sprayer is designed for oil-based paints, stains, varnishes, and enamels. **Do NOT use latex or acrylic paints.**

4.4 Filling the Paint Container

The Ecarke sprayer features an exclusive side-fill design for easy, no-mess refills.

1. Ensure the main container cap is securely tightened to prevent leaks.
2. Unscrew the side-fill cap on the hexagonal paint container.
3. Pour the prepared paint into the container through the side opening.
4. Securely close the side-fill cap.



Image: Demonstrating the convenience of the side-fill paint container.

5. Operating Instructions

5.1 Power On/Off

Press the trigger to power on the sprayer. Release the trigger to power off.

5.2 Adjusting Spray Patterns

Rotate the air cap to select one of three spray patterns:

- **Horizontal:** For vertical surfaces.
- **Vertical:** For horizontal surfaces.
- **Circular:** For small areas or corners.



Image: How to adjust the spray pattern for different applications.

5.3 Adjusting Flow Control

Use the adjustable flow dial to fine-tune the paint output. Start with a low flow and gradually increase as needed for desired coverage.

5.4 Testing Spray Pattern

Before painting your main project, always test the spray pattern on a piece of cardboard or scrap material to ensure even coverage and proper settings.

TRANSFORM YOUR HOME FASTER

Like a Pro, Without the Mess

- ✔ 60% Faster Than Brushing
- ✔ Smooth Finish Every Time
- ✔ No Drips or Streaks

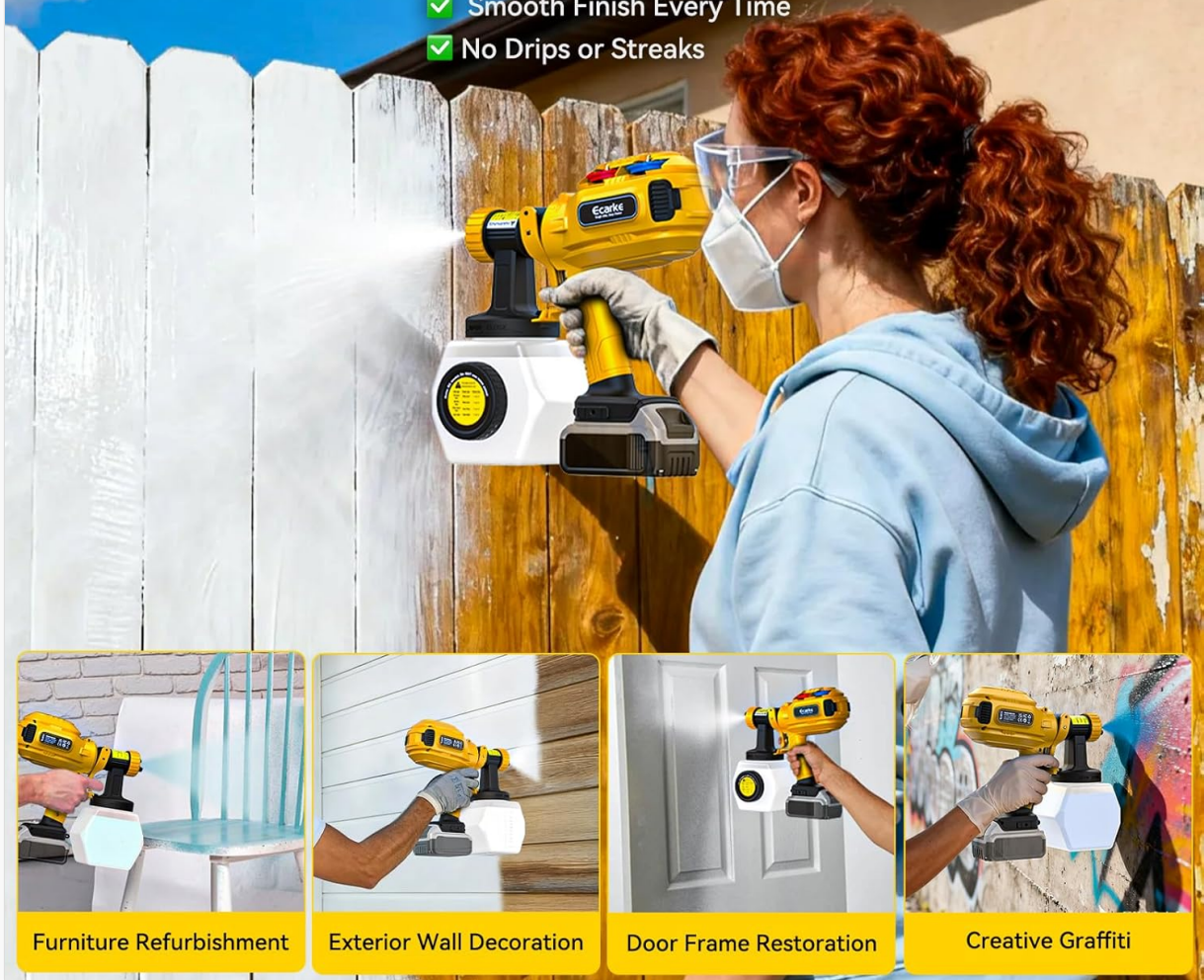


Image: Demonstrating the paint sprayer in use on a wooden fence.

Video: The Cordless Sprayer That Actually Understands You. This video demonstrates the sprayer's features and ease of use.

Video: No More Messy Refills. The Smarter Way to Paint. This video showcases the side-fill design and overall user experience.

6. Maintenance and Cleaning

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

1. **Empty Remaining Paint:** Pour any unused paint back into its original container.
2. **Initial Rinse:** Fill the paint container with a suitable cleaning solution (paint thinner for oil-based paints, water for water-based stains/varnishes if compatible). Spray the solution through the nozzle until it runs clear.
3. **Disassemble and Clean:** Unscrew the paint container, remove the nozzle, air cap, and suction tube.
4. **Brush Cleaning:** Use the provided cleaning brush to thoroughly clean the inside of the container and the suction tube.
5. **Nozzle Cleaning:** Use the nozzle cleaning needle to clear any blockages in the nozzle orifice.

6. **Final Rinse:** Rinse all components with clean water until all paint residue is removed.
7. **Dry and Store:** Allow all parts to dry completely before reassembling and storing the sprayer in the provided storage bag.



Image: Detailed steps for disassembling and cleaning the sprayer.

7. Troubleshooting

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle, insufficient paint, improper dilution, low battery.	Clean nozzle, refill paint, adjust dilution, charge/replace battery.
Uneven spray pattern	Incorrect nozzle, improper flow setting, paint too thick.	Select correct nozzle, adjust flow dial, dilute paint further.
Paint leaking	Loose container cap, damaged gasket.	Tighten caps, check and replace gasket if damaged.
Sprayer not turning on	Battery not installed correctly, battery discharged.	Ensure battery is clicked in, charge battery.

8. Specifications

- **Brand:** Ecarke
- **Model Name:** Cordless Paint Sprayer
- **Item Model Number:** Ecps-2025
- **Power Source:** Battery Powered (Compatible with DeWalt 20V batteries)
- **Motor Speed:** 43,000 RPM
- **Tank Volume:** 1200 Milliliters
- **Material:** Plastic
- **Item Weight:** 1.2 Kilograms (2.64 pounds)
- **Product Dimensions:** 4.7"W x 7"H
- **Style:** Handheld
- **Recommended Uses:** Painting (Oil-based paints, stains, varnishes, enamels)

9. Warranty and Support

For warranty information, technical support, or replacement parts, please refer to the contact details provided in your product packaging or visit the official Ecarke website. Keep your purchase receipt as proof of purchase.