

Dicfeos DIC025

Dicfeos HVLP Electric Paint Sprayer DIC025 Instruction Manual

MODEL: DIC025

Brand: Dicfeos

1. SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating this paint sprayer. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and a respirator.
- Ensure the work area is well-ventilated to prevent the accumulation of flammable vapors.
- Keep children and bystanders away while operating the paint sprayer.
- Do not spray near open flames, pilot lights, or other ignition sources.
- Always disconnect the power cord before cleaning, adjusting, or performing maintenance.
- Use only paints and materials compatible with HVLP sprayers. Refer to paint manufacturer's instructions for thinning recommendations.

2. PACKAGE CONTENTS

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

- Dicfeos HVLP Electric Paint Sprayer Unit
- 1300ml Paint Container
- 4 Nozzle Sizes (1.3mm, 1.8mm, 2.6mm, 3.0mm)

- Viscosity Measuring Cup
- Cleaning Brush
- Cleaning Needle
- Instruction Guide



Image: The Dicfeos paint sprayer unit along with its 1300ml container, various nozzles, cleaning tools, and instruction manual.

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Video: A user unboxes the Dicfeos paint sprayer, showcasing all the components included in the package.

3. SETUP

3.1 Paint Preparation and Viscosity

Proper paint thinning is crucial for optimal spray performance. Use the included viscosity measuring cup to test your paint. Fill the cup with paint and time how long it takes for the paint to flow out. Refer to your paint manufacturer's

recommendations for ideal viscosity. Thin paint with water (for water-based paints) or appropriate thinner (for oil-based paints) until the desired viscosity is achieved.

3.2 Nozzle Selection

The sprayer comes with four different nozzle sizes, each suitable for different paint types and applications:

- **1.3mm & 1.8mm:** Ideal for thin paints like sealers and varnish.
- **2.6mm:** Suitable for thin paints, sealers, and varnish.
- **3.0mm:** Best for thicker materials such as latex paint, chalk type paint, and milk type paint.



Image: Close-up view of the four interchangeable nozzles (1.3mm, 1.8mm, 2.6mm, 3.0mm) with descriptions of their recommended uses.

3.3 Assembly

1. Attach the desired nozzle to the spray gun.
2. Ensure the suction tube is correctly oriented. If spraying downwards, the tube should point towards the front of the container. If spraying upwards, it should point towards the back.
3. Fill the 1300ml container with your prepared paint.
4. Securely attach the container to the spray gun unit.

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Video: A detailed demonstration of assembling the paint sprayer, including attaching the container and adjusting the suction tube.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Spray Pattern

The spray pattern can be adjusted by rotating the air cap on the front of the sprayer. There are three common patterns:

- **Circular (45°):** For small areas or detail work.
- **Vertical (180°):** For horizontal surfaces.
- **Horizontal (90°):** For vertical surfaces.



Flow Control Knob
Maximum 1200ml/min



Image: A visual guide illustrating the three adjustable spray patterns: circular, vertical, and horizontal.

4.2 Flow Control

Use the flow control knob located on the trigger to adjust the paint output volume. Turn it clockwise for more paint and counter-clockwise for less. Start with a lower setting and gradually increase until the desired coverage is achieved.

4.3 Spraying Technique

Hold the sprayer approximately 6-12 inches from the surface, keeping it perpendicular to the surface. Move the sprayer in smooth, even strokes, overlapping each pass by about one-third. Release the trigger at the end of each stroke to avoid paint buildup.



Image: A user demonstrating the paint sprayer in action, applying paint to a wooden fence.

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Video: A short clip demonstrating the paint sprayer being used for a home project, showing the spray action and coverage.

5. MAINTENANCE

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

1. Disconnect the power cord.
2. Empty any remaining paint from the container.
3. Disassemble the spray gun (container, nozzle, air cap, suction tube).
4. Clean all disassembled parts with warm soapy water for water-based paints, or appropriate solvent for oil-based paints. Use the provided cleaning brush and needle to clear any blockages in the nozzle and air cap.
5. Rinse all parts thoroughly and allow them to dry completely before reassembly or storage.



Image: An exploded view of the paint sprayer highlighting its detachable components, designed for easy cleaning and maintenance.

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Video: A user demonstrates the process of disassembling and cleaning the paint sprayer components after use.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle, paint too thick, air cap blocked, suction tube not immersed.	Clean nozzle and air cap. Thin paint. Adjust suction tube.
Uneven spray pattern	Incorrect spray pattern setting, dirty air cap, inconsistent sprayer movement.	Adjust air cap. Clean air cap. Maintain consistent movement.
Paint dripping	Paint too thin, sprayer too close to surface, excessive flow rate.	Adjust paint viscosity. Increase distance from surface. Reduce flow rate.
Sprayer motor runs but no paint	Empty container, clogged suction tube, air leak.	Refill container. Clean suction tube. Check for tight connections.

7. SPECIFICATIONS

Feature	Detail
Brand	Dicfeos
Model Name	DIC025
Power Source	Electrical (700W)
Tank Volume	1300 Milliliters
Material	Plastic, Stainless Steel
Item Weight	3.54 pounds
Recommended Uses	Painting (Fence, Cabinet, Furniture)

8. WARRANTY & SUPPORT

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

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question