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› MirrorZone 800W High Power Electric Paint Sprayer Tool User Manual

## MirrorZone CN-6000

# MirrorZone Paint Sprayer Tool User Manual

Model: CN-6000 | Brand: MirrorZone

## 1. INTRODUCTION

Thank you for choosing the MirrorZone 800W High Power Electric Paint Sprayer Tool. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new paint sprayer. Please read this manual thoroughly before first use and keep it for future reference.

## 2. SAFETY INSTRUCTIONS

Always adhere to basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This tool is designed for painting applications; misuse can lead to hazards.

- **Electrical Safety:** Ensure the power source matches the sprayer's requirements. The motor features a fuse with temperature protection to prevent overheating. Do not operate with damaged cords or plugs. Double-layer insulation ensures safe operation.
- **Personal Protection:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and a respirator, especially when working with paints and solvents. Ensure adequate ventilation in your work area.
- **Flammable Materials:** Do not spray flammable liquids near open flames, pilot lights, or other ignition sources.
- **Children and Bystanders:** Keep children and bystanders away while operating the paint sprayer.
- **Cleaning:** Disconnect from power before cleaning. Follow cleaning instructions carefully to prevent paint buildup and clogging.

## 3. PACKAGE CONTENTS

Upon opening your package, please verify that all the following items are included:

- 1 x Paint Sprayer Unit
- 1 x Large Capacity Container (1400ml)
- 1 x Pair of Gloves
- 4 x Copper Nozzles (one pre-fitted)

- 3 x Paper Funnels
- 1 x Filter
- 1 x Viscosity Cup
- 1 x Cleaning Needle
- 1 x Cleaning Brush
- 1 x User Manual (this document)

## 4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your MirrorZone Paint Sprayer.



Figure 4.1: The MirrorZone 800W Electric Paint Sprayer shown with its various components and accessories, including the main unit, paint container, nozzles, and cleaning tools.

# 1000W PAINT SPRAYER



Figure 4.2: An exploded view illustrating the assembly of the paint sprayer, highlighting how the nozzle, container, and main body connect.

## Blowing out dust & Easy cleaning

*Easy cleaning and avoids clogging*



Figure 4.3: This diagram demonstrates the three adjustable spray patterns (circular, horizontal, vertical) and the flexible flow control mechanism of the sprayer.

## 3 SPRAY PATTERNS



Circular 45°



Horizontal 90°



Vertical 180°

## ADJUSTABLE FLOW CONTROL



0 ml/min ↔ 1200 ml/min



Figure 4.4: An illustration of the four copper nozzle sizes (0.8mm, 1.5mm, 1.8mm, 2.5mm) and their corresponding recommended paint viscosity ranges in Dins, allowing for versatile application.

## 5. SETUP

- 1. Prepare the Work Area:** Ensure your painting area is well-ventilated and protected from overspray. Cover any surfaces you do not wish to paint.
- 2. Prepare the Paint:** The consistency of your paint is crucial for optimal spraying. Use the included viscosity cup to test and adjust the paint's thickness. Add water or thinner as recommended by the paint manufacturer until the paint flows smoothly through the cup within the recommended time for your chosen nozzle. For example, a 0.8mm nozzle might require 10-20 Dins, while a 2.5mm nozzle can handle 80-120 Dins.
- 3. Select the Correct Nozzle:** Choose one of the four copper nozzles based on the paint type and desired spray pattern. Brass nozzles offer superior durability and are easier to clean than plastic alternatives.
- 4. Fill the Container:** Pour the prepared paint into the large capacity container (1400ml). Ensure the container is securely attached to the sprayer unit.
- 5. Test the Sprayer:** Before beginning your main project, always test the sprayer on a piece of scrap material to ensure the spray pattern and flow are as desired. Adjust the settings as needed.

## 6. OPERATING INSTRUCTIONS

The MirrorZone Paint Sprayer offers advanced technology and careful design for efficient painting.

### 6.1. Pre-Spraying Preparation

- Before applying paint, you can utilize the sprayer's air-blowing function to clear dust and debris from the surface, ensuring a cleaner and more professional finish.

### 6.2. Adjusting Spray Modes and Flow

The sprayer offers three adjustable spray modes and flexible flow control:

- **Spray Modes:** Easily switch between horizontal, vertical, and circular spray patterns by rotating the air cap.
- **Flow Control:** The adjustable flow control knob allows you to regulate the paint output from 0ml/min to 1200ml/min, suiting different tasks and paint types. Turn counter-clockwise for more flow, and clockwise for less flow.

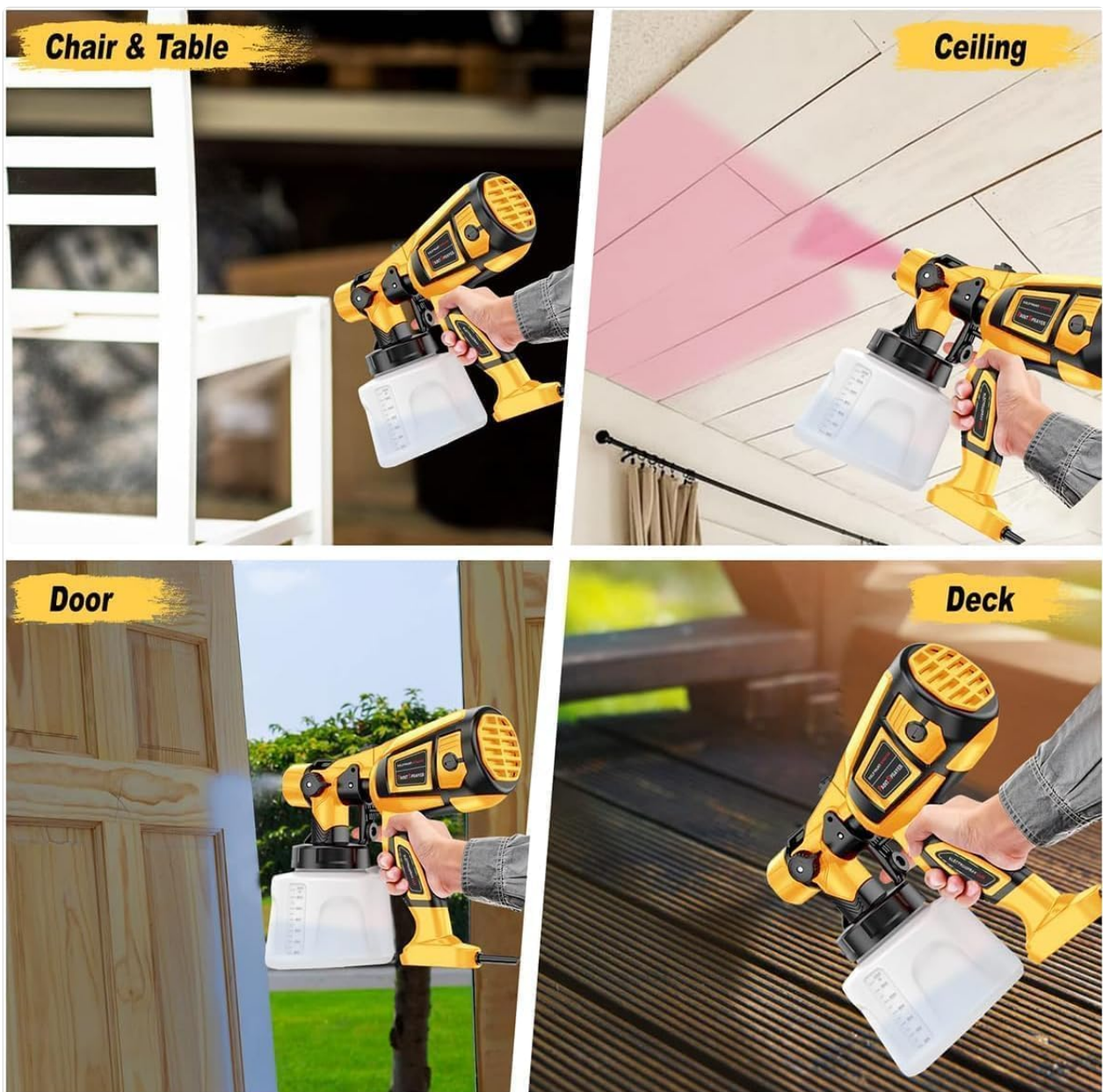


Figure 6.1: The paint sprayer being used on various surfaces including a chair, table, ceiling, door, and deck, demonstrating its versatility.



Figure 6.2: The paint sprayer in action on diverse projects such as iron furniture, a wooden fence, kitchen cabinets, and interior walls.

## 7. MAINTENANCE AND CLEANING

Proper cleaning after each use is essential to maintain the performance and longevity of your paint sprayer. Neglecting thorough cleaning can lead to clogging and malfunction.

1. **Empty and Rinse:** After painting, empty any remaining paint from the container. Fill the container with an appropriate cleaning solution (water for latex paints, mineral spirits for oil-based paints) and spray it through the unit until the liquid runs clear.
2. **Disassemble for Cleaning:** Dismantle the motor and other components for a more thorough cleaning.
3. **Clean Nozzle and Components:** Use the included cleaning brush and cleaning needle to effectively clear any hardened paint from the nozzle and other small parts. Pay close attention to the brass nozzles, as they are designed for durability and easy cleaning.
4. **Wipe Down:** Wipe all external surfaces of the sprayer with a damp cloth.
5. **Dry and Store:** Ensure all parts are completely dry before reassembling and storing the sprayer in a clean, dry place.

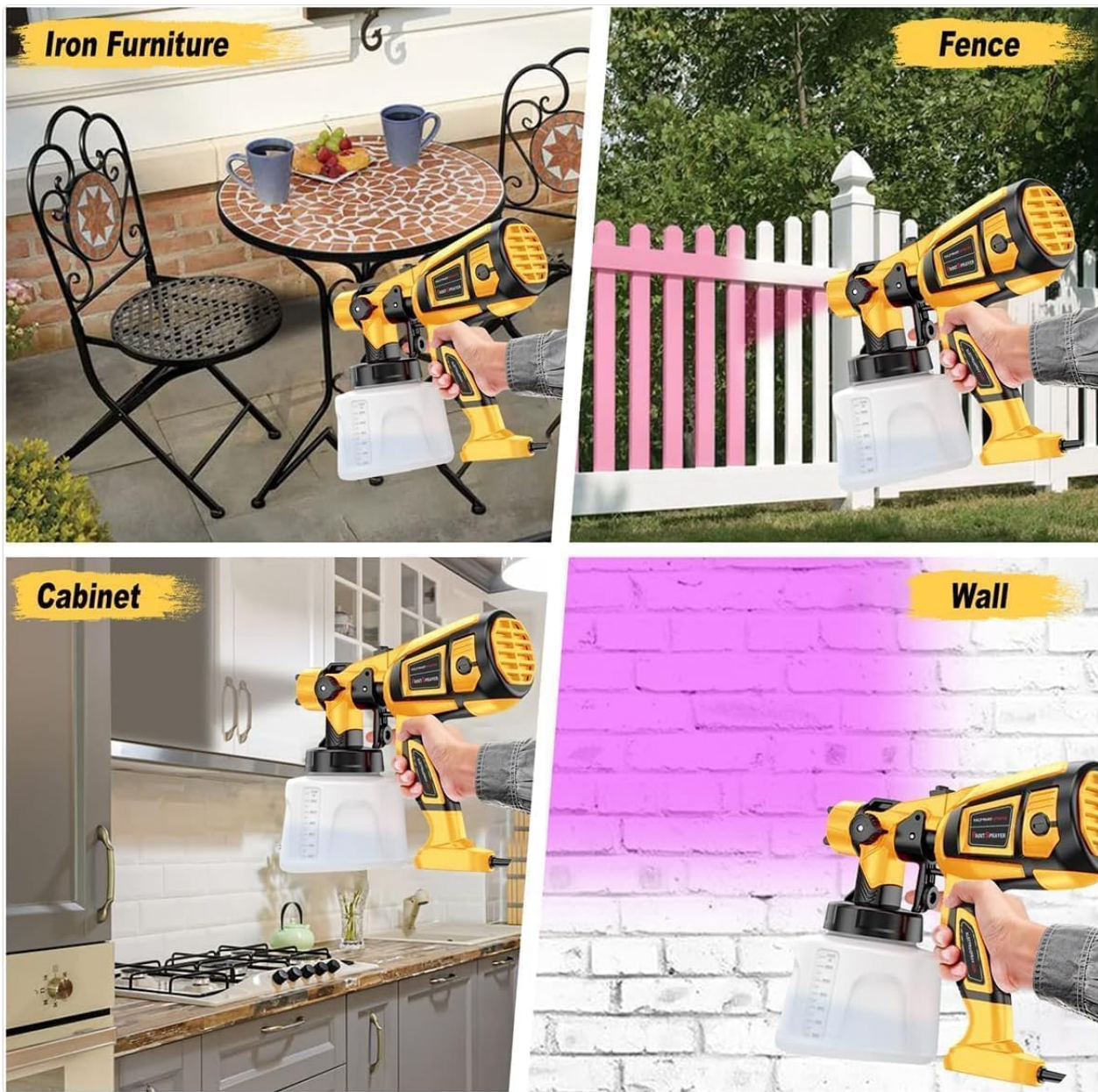


Figure 7.1: Visual representation of the cleaning process, including submerging parts in water and using the sprayer to blow away sanding residue before painting.

## 8. TROUBLESHOOTING

This section addresses common issues you might encounter with your paint sprayer.

Problem	Possible Cause	Solution
Sprayer not spraying or paint flow is weak	Nozzle clogged; Paint too thick; Suction tube blocked; Air cap dirty.	Clean the nozzle with the cleaning needle. Dilute paint to proper viscosity. Check and clear suction tube. Clean air cap.
Uneven spray pattern	Nozzle partially clogged; Incorrect spray mode setting; Inconsistent paint viscosity.	Thoroughly clean the nozzle. Adjust the air cap to the desired spray mode (horizontal, vertical, circular). Re-check paint viscosity.
Paint sputtering	Low paint level in container; Air leak; Paint too thick.	Refill paint container. Ensure all connections are tight. Dilute paint.
Motor overheating	Prolonged use; Blocked air vents.	Allow the unit to cool down. Ensure air vents are clear. The built-in fuse will cut power if temperature is too high.
Paint goes everywhere / Excessive overspray	Incorrect distance from surface; Flow control too high; Incorrect nozzle size.	Maintain proper distance (approx. 6-8 inches). Reduce flow control. Select a smaller nozzle for finer work.

## 9. SPECIFICATIONS

Feature	Specification
Brand	MirrorZone
Model Name	CN-6000
Power Source	AC (800W)
Tank Volume	1400 Milliliters
Nozzle Sizes	Four copper nozzles included
Spray Modes	Horizontal, Vertical, Circular
Flow Control	Adjustable (0-1200ml/min)
Material	Plastic (body), Brass (nozzles)
Item Weight	3 Pounds
Product Dimensions	7"W x 6"H
Recommended Uses	Painting furniture, cabinets, fences, walls, doors, garden chairs
Country of Origin	China

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact MirrorZone directly through their official channels. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance or inquiries, please visit the MirrorZone Store on Amazon.

