

VONFORN VF803

VONFORN 700W HVLP Electric Spray Paint Gun User Manual

Model: VF803

1. INTRODUCTION

Thank you for choosing the VONFORN 700W HVLP Electric Spray Paint Gun. 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.



Figure 1: VONFORN 700W HVLP Electric Spray Paint Gun

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This product is designed for 110V US standard outlets only. Do not use with 220V systems.

2.1 General Safety

- **Read All Instructions:** Familiarize yourself with the controls and proper use.
- **Work Area:** Ensure the work area is well-ventilated and free from flammable materials. Keep children and bystanders away.
- **Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses or goggles), a respirator or face mask to prevent inhalation of paint fumes, and gloves.
- **Electrical Safety:** Do not expose the sprayer to rain or wet conditions. Do not abuse the cord. Keep the cord away from heat, oil, sharp edges, or moving parts.

- **Flammable Materials:** Do not spray flammable liquids near open flames, pilot lights, or other ignition sources.
- **Proper Ventilation:** Ensure adequate ventilation to prevent the buildup of hazardous vapors.

3. PRODUCT OVERVIEW AND COMPONENTS

The VONFORN 700W HVLP Electric Spray Paint Gun comes with several components designed for versatile painting tasks.



Figure 2: Included Components

3.1 Included Components

- 1X Paint Sprayer Unit
- 4X Size Nozzles (1.0mm, 1.5mm, 2.0mm, 3.0mm)
- 5X Paint Filters
- 1X Viscosity Cup
- 1X Nozzle Cleaning Needle
- 1X Cleaning Brush
- 1X Dust Blowing Joint
- 1X Clean Connector
- 1X Pot Lid
- 1X User Manual



Figure 3: Internal Components and Features

The sprayer features a 700W strong motor, 3 spraying patterns, 4 nozzles, a 1200ml container, easy cleaning, and flexible flow control.

4. SETUP

Proper setup ensures optimal performance and prevents issues during operation.

4.1 Assembly

The paint sprayer is designed for easy assembly. Connect the paint sprayer body to the container and ensure all parts are securely fastened.



Figure 4: Easy Assembly

4.2 Nozzle Selection and Paint Preparation

Select the appropriate nozzle size based on the viscosity of your paint and the desired spray pattern. Use the included viscosity cup to test your paint. Thin the paint as needed until it flows through the viscosity cup within the recommended time for your chosen nozzle.



Figure 5: Nozzle Sizes and Recommendations

- **1.0mm Nozzle:** For wooden artwork, DIY projects (15-25 DIN-S).
- **1.5mm Nozzle:** For chairs, shutters, cabinets (25-35 DIN-S).
- **2.0mm Nozzle:** For railings, window frames (35-50 DIN-S).
- **3.0mm Nozzle:** For walls, decks, fences, wooden artwork, DIY (50-80 DIN-S).

Use the included paint filters to ensure no particles clog the nozzle.

4.3 Visual Guide: Setup and Features

Your browser does not support the video tag.

Video 1: This official seller video provides a comprehensive overview of the paint sprayer, including unboxing, assembly, nozzle types, spray patterns, flow control, and cleaning procedures. It demonstrates the ease of installation and various features.

5. OPERATING INSTRUCTIONS

Achieve optimal results by understanding the spray patterns and flow control.

5.1 Spray Patterns

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

- **Horizontal:** For wide surfaces.
- **Circular:** For small areas or intricate details.
- **Vertical:** For tall or narrow surfaces.

5.2 Flexible Flow Control

Adjust the flow control knob to regulate the paint output. Turn clockwise for more flow and counter-clockwise for less flow. This allows for precise application and prevents overspray.

4 Nozzles Sizes and Recommendation

	1.0 mm 	1.5 mm 
	15-25DINS	25-35DINS
	for Wooden Artwork, DIY...	for Chair, Shutter, Cabinets...
	2.0 mm 	3.0 mm 
35-50DINS	50-80DINS	for Walls, Decks, Fences... for Wooden Artwork, DIY...
for Railings, Window Frames...		

Figure 6: Flexible Flow Control

5.3 Application Examples

The VONFORN paint sprayer is suitable for a wide range of applications, including doors, wardrobes, chairs, fences, cabinets, and more.

700W PAINT SPRAYER

Great Beginner Sprayer



700W Strong Motor



3 Spraying Patterns



4 Nozzles



1200ml Container



Easy to clean



Flexible Flow Control



Figure 7: Key Features of the Paint Sprayer

6. MAINTENANCE AND CLEANING

Regular cleaning is crucial for maintaining the sprayer's performance and extending its lifespan. A small amount of lubricating oil on the black nozzle is normal.

6.1 Cleaning Procedure

After each use, thoroughly clean the sprayer. Disassemble the nozzle and container. Use the provided cleaning needle to clear any paint residue from the nozzle and the cleaning brush for the straw and other components. Rinse all parts with appropriate cleaning solution (water for water-based paints, mineral spirits for oil-based paints).



Figure 8: Easy Cleaning Steps

6.2 Unique Blowing & Cleaning Functions

The sprayer includes a dust blowing joint and a clean connector for added convenience in cleaning and preparing surfaces.

UNIQUE BLOWING & CLEANING FUNCTIONS



Figure 9: Unique Blowing & Cleaning Functions



Figure 10: Cleaning Connector



Figure 11: Dust Blowing Joint

7. TROUBLESHOOTING

If you encounter issues with your paint sprayer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No spray or weak spray	Nozzle clogged; Paint too thick; Air cap loose; Suction tube blocked.	Clean nozzle with cleaning needle; Thin paint to correct viscosity; Tighten air cap; Clear suction tube.
Uneven spray pattern	Nozzle partially clogged; Incorrect spray pattern setting; Inconsistent movement.	Clean nozzle; Adjust air cap for desired pattern; Maintain consistent distance and speed.
Paint sputtering or spitting	Low paint level; Air leak; Nozzle not fully tightened.	Refill paint container; Check all connections for tightness; Ensure nozzle is securely fastened.
Motor not running	No power; Overheating.	Check power connection and outlet; Allow unit to cool down if it has been used continuously.

8. SPECIFICATIONS

Feature	Specification
Brand	VONFORN
Model Name	Paint Sprayer
Part Number	VF803
Power Source	AC (110V US Standard)
Input Power	700W

Feature	Specification
Tank Volume	1200 Milliliters
Nozzle Sizes	1.0mm, 1.5mm, 2.0mm, 3.0mm
Spray Patterns	Horizontal, Circular, Vertical
Item Weight	3.74 Pounds
Product Dimensions	5.9"W x 11.42"H
Material	Plastic

9. WARRANTY AND SUPPORT

VONFORN is committed to providing high-quality products and customer satisfaction. If you have any questions about the product, require assistance with setup, operation, or troubleshooting, please do not hesitate to contact us. Our customer support team is ready to help.

Please refer to your purchase documentation for specific warranty details and contact information.