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ENEACRO ENPS70

ENEACRO Paint Sprayer ENPS70 User Manual

Model: ENPS70

Brand: ENEACRO

1. INTRODUCTION

The ENEACRO 700W HVLP Paint Sprayer is a versatile tool designed for efficient and even application of paint for various home interior and exterior projects. Its powerful motor, adjustable settings, and multiple nozzle options allow for a smooth and superior finish on surfaces such as wood, metal, walls, and fences. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your paint sprayer.

2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines when operating the ENEACRO Paint Sprayer to prevent injury or damage:

- **Personal Protective Equipment (PPE):** Always wear appropriate eye protection (safety glasses or goggles), gloves, and a respirator or mask to protect against paint fumes and overspray.
- **Ventilation:** Operate the sprayer in a well-ventilated area to prevent the buildup of flammable vapors and to ensure proper air circulation.
- **Flammable Materials:** Do not spray flammable materials near open flames, pilot lights, or any ignition sources. Ensure the work area is free of sparks.
- **Electrical Safety:** Ensure the power cord is in good condition and avoid operating the sprayer in wet conditions. Always disconnect the power supply before cleaning, maintenance, or when not in use.
- **Work Area:** Keep the work area clean, tidy, and well-lit. Cluttered or dark areas invite accidents.
- **Children and Bystanders:** Keep children and bystanders away while operating the paint sprayer.

3. PACKAGE CONTENTS

Upon opening your ENEACRO Paint Sprayer package, verify that all the following components are included:

- 1 x 700W Paint Sprayer
- 1 x 1200ml Paint Container

- 5 x Copper Nozzles (1mm, 1.5mm, 2mm, 2.5mm, 3mm - one pre-assembled)
- 5 x Paper Funnels
- 1 x Spare Sponge
- 1 x Viscosity Cup
- 1 x Cleaning Needle
- 1 x Cleaning Brush
- 1 x User Manual

4. SETUP

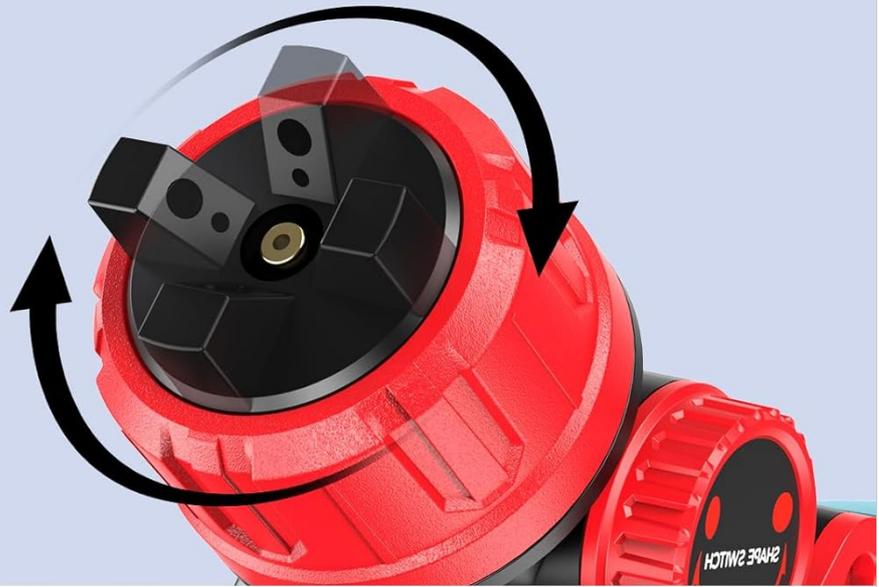
Proper setup is crucial for optimal performance and a smooth finish. Follow these steps to prepare your paint sprayer:

1. **Quick Assembly:** The paint sprayer is designed for quick assembly. Attach the paint container to the main sprayer unit.
2. **Nozzle Selection:** Choose one of the five durable brass nozzles (1mm, 1.5mm, 2mm, 2.5mm, 3mm) based on the paint type and desired spray pattern. Brass nozzles offer better corrosion resistance and smoother spraying compared to plastic alternatives.
3. **Paint Dilution:** Dilute your paint with the appropriate thinner according to the paint manufacturer's instructions. Use the included viscosity cup to measure the paint's viscosity. The paint should pass through the viscosity cup within 70 seconds for optimal spraying.
4. **Fill Paint Container:** Carefully pour the diluted paint into the 1200ml paint container.



Figure 4.1: Exploded view showing the components of the ENEACRO Paint Sprayer, including the various nozzles and the container.

ADJUSTABLE SPRAY PATTERN



SPRAY ANGLE CONTROL



Figure 4.2: Illustration of the 360-degree adjustable spray pattern and how to control the spray angle for wide or narrow application.

Video 4.1: This video demonstrates the quick assembly of the ENEACRO HVLV Paint Sprayer, including how to choose and install the suitable nozzle, dilute paint using the viscosity cup, and pour the diluted paint into the container.

5. OPERATING INSTRUCTIONS

Once the sprayer is set up, follow these instructions for effective painting:

1. **Adjust Spray Pattern:** The 360° adjustable air cap allows you to freely adjust the spray patterns. Rotate the air cap to achieve horizontal, vertical, or circular spray patterns.
2. **Adjust Flow Control:** Use the flow rate adjust knob to control the paint's flow speed, meeting different working demands and ensuring an even coat.
3. **Spraying Technique:** Spray slowly and evenly, maintaining a consistent distance from the surface for a smooth and superior finish.
4. **Anti-Backflow System:** For spraying upwards (e.g., ceilings), turn the suction pipe backwards. For spraying downwards, turn the suction pipe forwards. This ensures continuous paint flow regardless of the spraying angle.

5. **Application:** The sprayer is suitable for various projects, including painting wood and metal doors, decks, fences, ceilings, furniture, walls, cabinets, and garage doors.



Figure 5.1: The anti-backflow system allows for spraying in various directions by adjusting the suction pipe.

WHY CHOOSE ENEACRO?

Ours



Brass Nozzle



Smooth



1200ml High capacity

Others



Plastic Nozzle



Rough



Low capacity

Figure 5.2: Key features of the ENEACRO sprayer, including its brass nozzle for smooth application and large 1200ml container.

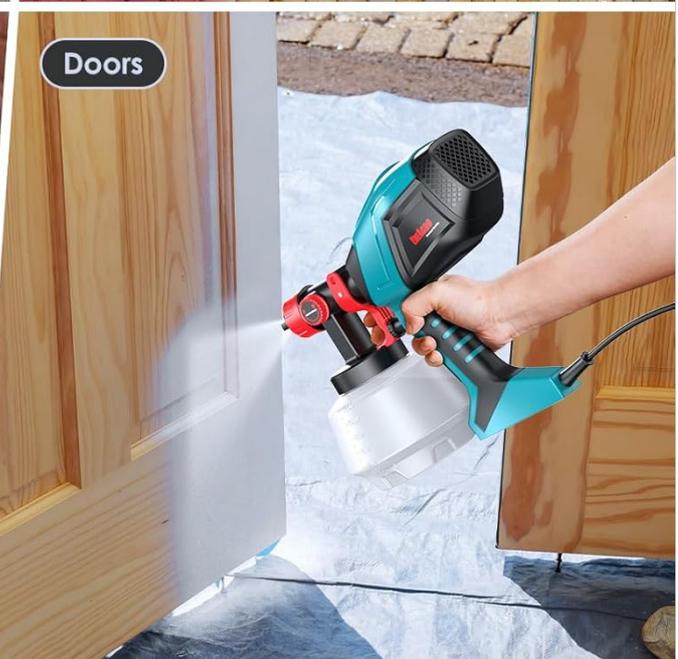
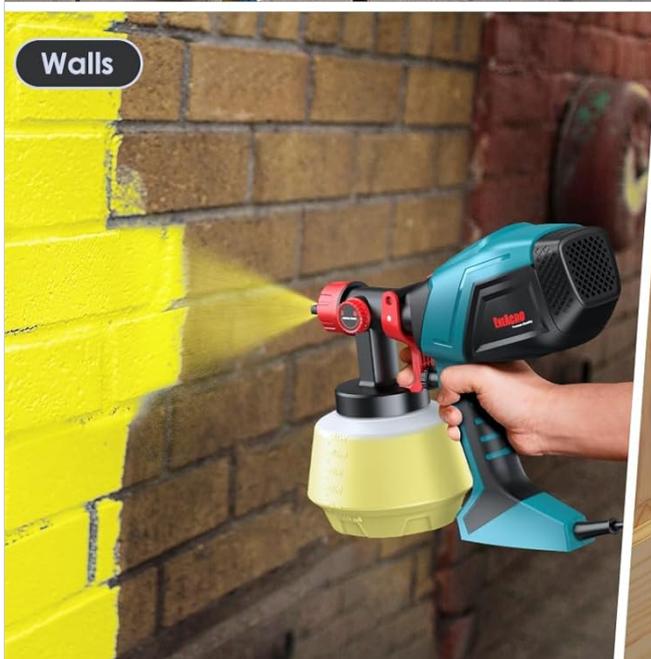


Figure 5.3: Examples of the paint sprayer in use on different household items and structures.



Figure 5.4: The sprayer offers increased efficiency and reduces fatigue compared to manual painting methods.

6. MAINTENANCE

Regular cleaning and maintenance are essential to prolong the life of your paint sprayer and ensure consistent performance. It is very important to clean the paint sprayer immediately and thoroughly after each use.

1. **Disassembly:** Disassemble the paint container and nozzle components from the main unit.
2. **Cleaning Container:** Empty any remaining paint from the container. Fill the container with appropriate cleaning solution (water for water-based paints, mineral spirits or solvent for oil-based paints) and spray it through the unit until clear.
3. **Clean Components:** Use the provided cleaning brush and cleaning needle to thoroughly clean the nozzle, air cap, and other disassembled parts. Pay close attention to small openings to prevent clogging. The spare sponge can also assist in cleaning.
4. **Rinse and Dry:** Rinse all components with clean water (if using water-based paints) or appropriate solvent. Ensure all parts are completely dry before reassembling or storing the sprayer.



Figure 6.1: Step-by-step visual guide for cleaning the paint sprayer components after use.

7. TROUBLESHOOTING

If you encounter issues with your ENEACRO Paint Sprayer, refer to the following common problems and solutions:

- **No Spray or Weak Spray:**

- Check if the nozzle is clogged. Clean it thoroughly with the cleaning needle.
- Ensure the paint is properly diluted and passes the viscosity test.
- Verify the suction pipe is correctly positioned for the spraying direction (upwards/downwards).
- Check for any air leaks in the connections.

- **Uneven Spray Pattern:**

- Adjust the air cap to ensure the desired spray pattern is selected.
- Maintain a consistent distance and speed during spraying.
- Ensure the nozzle is clean and free from dried paint.

- **Paint Dripping:**

- Check if the nozzle is securely tightened.
- Ensure the paint is not too thin.

- **Motor Not Starting:**

- Verify the power cord is securely plugged into a working outlet.
- Check for any tripped circuit breakers.

For issues not covered here, please refer to the contact information in the 'Warranty and Support' section.

8. SPECIFICATIONS

Feature	Specification
Brand	ENEACRO
Model Name	ENPS70

Power	700W
Tank Volume	1.2 Liters (1200ml)
Color	Blue
Recommended Uses	Painting
Material	Copper, Plastic
Style	Handheld
Power Source	AC
Product Dimensions	9 x 6.3 x 10 inches
Item Weight	4.11 pounds
Manufacturer	ENEACRO

9. WARRANTY AND SUPPORT

ENEACRO is committed to customer satisfaction. If you have any questions or require assistance with your paint sprayer, please contact our service team via your order. Our team aims to provide a reply within 12 hours.

For additional product information and support, you may visit the official [ENEACRO Store](#).