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Hoteche P801307A

Hoteche 700W HVLP Electric Paint Sprayer User Manual

Model: P801307A

1. INTRODUCTION

Thank you for choosing the Hoteche 700W HVLP Electric Paint Sprayer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your paint sprayer. Please read these instructions carefully before use and retain them for future reference.

This HVLP (High Volume Low Pressure) paint sprayer is designed for various painting tasks, offering a powerful 700W motor, an 800ML container, and a 3-meter flexible hose for extended reach. Its design ensures smooth, even paint distribution for both large-area projects and detailed work.



Image 1.1: The Hoteche 700W HVLV Electric Paint Sprayer, showcasing its compact design and integrated hose storage.

2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the equipment.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, a respirator mask, gloves, and protective clothing when operating the paint sprayer.
- **Ventilation:** Ensure adequate ventilation in the work area to prevent the accumulation of flammable vapors.
- **Flammable Materials:** Do not spray flammable or combustible materials near open flames, pilot lights, or other ignition sources.
- **Electrical Safety:** Do not expose the sprayer to rain or wet conditions. Keep the power cord away from

heat, oil, sharp edges, or moving parts.

- **Children and Bystanders:** Keep children and bystanders away while operating the sprayer.
- **Maintenance:** Disconnect the power plug before cleaning, servicing, or when not in use.

3. PRODUCT COMPONENTS

Understand the different parts of your Hoteche paint sprayer for correct assembly and operation.

PRODUCT INFORMATION



Image 3.1: Labeled diagram of the Hoteche paint sprayer components, including the spray gun, container, air hose, handle, and wheels.

1. **Spray Gun:** The handheld unit that atomizes and applies paint.
2. **Nozzle:** Controls the spray pattern and flow. (2.5mm copper nozzle)
3. **Air Cap:** Adjusts the spray pattern direction.
4. **Trigger:** Activates the spray function.
5. **Container (800ML):** Holds the paint material.
6. **Air Hose (3m):** Connects the main unit to the spray gun, providing air pressure.
7. **Handle:** For easy transport of the main unit.
8. **Lock for Handle:** Secures the handle in position.

9. **ON/OFF Switch:** Powers the unit on or off.
10. **Mains Cable:** Power supply cord.
11. **Knob:** Likely for flow control or other adjustments.
12. **Wheels:** For convenient mobility of the main unit.

Additional included accessories: Measuring cup, cleaning needle.

4. SETUP

Follow these steps to prepare your paint sprayer for use.

4.1 Assembly

1. **Connect Air Hose:** Securely attach the 3-meter air hose to both the main unit and the spray gun. Ensure connections are tight to prevent air leaks.
2. **Attach Spray Gun:** Ensure the spray gun is properly assembled with the nozzle and air cap in place.

4.2 Paint Preparation

Proper paint preparation is crucial for optimal spraying results and to prevent clogging.

- **Viscosity Test:** Use the included measuring cup to test the paint's viscosity. The maximum viscosity for this sprayer is 70 DIN/SEC. If your paint is too thick, thin it according to the paint manufacturer's recommendations.
- **Straining Paint:** Always strain your paint through a paint filter or cheesecloth to remove any lumps or debris that could clog the nozzle.

4.3 Filling the Container

1. Unscrew the container from the spray gun.
2. Pour the prepared paint into the 800ML container. Do not overfill.
3. Screw the container back onto the spray gun securely.

5. OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe operation of your paint sprayer.

5.1 Power On

1. Plug the mains cable into a suitable power outlet.
2. Turn the ON/OFF switch to the 'ON' position. The main unit will start.

5.2 Adjusting Spray Patterns

The air cap on the spray gun allows you to select one of three spray patterns: horizontal, vertical, or round. Rotate the air cap to change the pattern.

PRODUCT INFORMATION



Horizontal Pattern



Round Pattern



Vertical Pattern



Image 5.1: Illustration of the three adjustable spray patterns: horizontal, round, and vertical, achieved by rotating the air cap.

- **Horizontal Pattern:** Ideal for spraying vertical surfaces (e.g., fences, walls).
- **Vertical Pattern:** Suitable for spraying horizontal surfaces (e.g., decks, tabletops).
- **Round Pattern:** Best for small objects, corners, or detailed work.

5.3 Spraying Technique

- **Test Spray:** Always test the spray pattern and flow on a piece of scrap material before beginning your project.
- **Distance:** Maintain an even distance of approximately 5-15 cm (2-6 inches) from the object being sprayed.

ALWAYS HOLD THE SPRAY GUN AT AN EVEN DISTANCE OF APPROX

5-15cm from the object to be sprayed



Image 5.2: Visual guide demonstrating the optimal spraying distance of 5-15 cm from the surface for consistent coverage.

- **Movement:** Use smooth, even strokes, moving your arm rather than just your wrist. Overlap each pass by about 50% to ensure even coverage.
- **Trigger Control:** Press the trigger fully to start spraying and release it at the end of each pass.

5.4 Applications

The Hoteche paint sprayer is suitable for a wide range of applications, including:

- Furniture refinishing
- Cabinet painting
- Shed and fence painting
- Chair and other small object painting
- DIY projects

WIDE APPLICATION



Image 5.3: Examples of the sprayer's versatility, showing its use on furniture, cabinets, sheds, and chairs.

6. MAINTENANCE AND CLEANING

Proper cleaning after each use is essential to prolong the life of your paint sprayer and ensure consistent performance.

6.1 Immediate Cleaning (After Each Use)

1. **Disconnect Power:** Always unplug the sprayer from the power outlet before cleaning.
2. **Empty Container:** Remove any remaining paint from the container.
3. **Rinse Container:** Fill the container with an appropriate cleaning solution (water for latex/water-based paints, mineral spirits/thinner for oil-based paints).
4. **Spray Cleaning Solution:** Reattach the container and spray the cleaning solution through the gun until it runs clear. Do this in a well-ventilated area or into a waste container.
5. **Disassemble Spray Gun:** Carefully disassemble the spray gun components: nozzle, air cap, and any other removable parts.
6. **Clean Components:** Thoroughly clean all disassembled parts with the appropriate cleaning solution and

the included cleaning needle/brush. Pay close attention to the nozzle and air cap to remove all paint residue.

7. **Wipe Down:** Wipe the exterior of the spray gun and main unit with a damp cloth.
8. **Dry and Reassemble:** Allow all parts to dry completely before reassembling the spray gun. Store the sprayer in a clean, dry place.

6.2 Long-Term Storage

For extended storage, ensure the sprayer is completely clean and dry. Lightly lubricate any moving metal parts with a suitable lubricant to prevent corrosion.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No spray or weak spray	<ul style="list-style-type: none">• Clogged nozzle or air cap• Paint too thick• Container empty• Air hose loose	<ul style="list-style-type: none">• Clean nozzle and air cap thoroughly.• Thin paint to correct viscosity.• Refill container.• Check and tighten air hose connections.
Uneven spray pattern	<ul style="list-style-type: none">• Partially clogged nozzle/air cap• Incorrect spray distance• Inconsistent movement	<ul style="list-style-type: none">• Clean nozzle and air cap.• Maintain consistent 5-15 cm distance.• Use smooth, even strokes.
Paint dripping or spitting	<ul style="list-style-type: none">• Paint too thin• Nozzle loose• Damaged nozzle/seal	<ul style="list-style-type: none">• Thicken paint slightly or use a smaller nozzle if available.• Tighten nozzle.• Inspect and replace damaged parts.
Motor not starting	<ul style="list-style-type: none">• No power supply• ON/OFF switch faulty	<ul style="list-style-type: none">• Check power connection and outlet.• Contact customer support if switch is faulty.

8. SPECIFICATIONS

Technical details for the Hoteche 700W HVLP Electric Paint Sprayer.

Feature	Specification
Model Name	HVLP Electric Paint Sprayer
Model Number	P801307A
Power	700W
Max Flow Rate	1000 ml/min
Max Viscosity	70 DIN/SEC
Container Volume	800 Milliliters

Feature	Specification
Nozzle Size	2.5mm (Copper)
Operating Pressure	0.1-0.3 BAR (4.35 PSI Max)
Hose Length	3 Meters
Power Source	AC
Item Weight	5 Pounds
Product Dimensions	9.5"W x 18"H
Included Components	Instruction Guide, Measuring Cap, Cleaning Needle

9. WARRANTY AND SUPPORT

Hoteche products are manufactured to high-quality standards. For warranty information, technical support, or replacement parts, please refer to the warranty card included with your purchase or visit the official Hoteche website.

For further assistance, you may contact Hoteche customer service through their official channels. Please have your model number (P801307A) and purchase details ready.