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> VonHaus Electric HVLP Spray Gun Instruction Manual

VonHaus B079TYFFZY

VonHaus Electric HVLP Spray Gun Instruction Manual

Model: B079TYFFZY

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INTRODUCTION

Thank you for choosing the VonHaus Electric HVLP Spray Gun. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your new paint sprayer. Please read these instructions thoroughly before initial use and retain them for future reference.



The VonHaus Electric HVLV Spray Gun, including the main unit, spray gun attachment, air hose, and cleaning tools.

SAFETY INFORMATION

WARNING: Always follow basic safety precautions when using electrical appliances 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 appropriate personal protective equipment (PPE):** This includes safety glasses, a respirator mask, gloves, and protective clothing.
- **Ensure proper ventilation:** Use the spray gun in a well-ventilated area to avoid inhaling fumes.

- **Flammable materials:** Do not spray flammable materials near open flames, pilot lights, or other ignition sources.
- **Electrical safety:** Ensure the power cord is undamaged and connected to a grounded outlet. Do not expose the unit to rain or wet conditions.
- **Keep children and bystanders away:** Do not allow children or untrained persons to operate the spray gun.
- **Secure workpiece:** Always ensure the item being sprayed is stable and secure.
- **Cleaning:** Always disconnect the power before cleaning or performing maintenance.

PRODUCT COMPONENTS

The VonHaus Electric HVLP Spray Gun consists of several key parts:

- **Motor Unit:** The main power unit that generates airflow.
- **Spray Gun:** The handheld component where paint is atomized and sprayed.
- **Air Hose:** Connects the motor unit to the spray gun.
- **Paint Container:** Attaches to the spray gun to hold the paint material.
- **Nozzle/Air Cap:** Controls the spray pattern.
- **Flow Control Knob:** Adjusts the volume of paint sprayed.
- **Viscosity Cup:** Used for measuring paint viscosity.
- **Cleaning Brush & Needle:** For maintenance and cleaning.



A close-up view of the spray gun's trigger, flow control knob, and adjustable valve, which allow for precise control over paint application.

SETUP

1. Material Preparation (Thinning & Straining)

Proper material preparation is crucial for optimal spray performance and to prevent clogging. Always refer to the paint manufacturer's instructions for thinning recommendations.

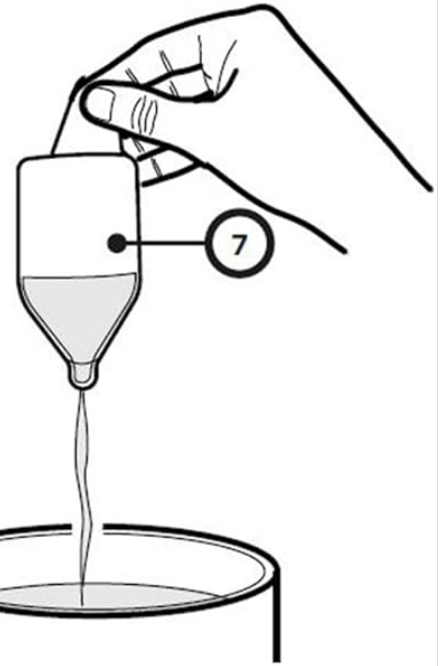
- **Stir thoroughly:** Always stir the spraying material thoroughly before measuring viscosity.
- **Measure viscosity:** Use the provided viscosity cup. Dip the cup completely into the material and measure the time in seconds until the cup empties. This is the 'Runout Time'.
- **Thinning:** If the runout time is too long, thin the material with the appropriate solvent (e.g., water for latex, mineral spirits for oil-based paints) until the desired viscosity is achieved. Do not use materials with a flashpoint below 102°F (39°C). Maximum viscosity: 60 DIN-S.
- **Strain material:** Always strain the prepared material to remove any impurities or lumps that could clog the nozzle.

IMPORTANT Before spraying, the material being used may need to be thinned with solvent; as specified by the material manufacturer.

WARNING Do not use materials with a flashpoint below 102°F.

Max Viscosity: 60 DIN-S

NOTE Follow the instructions below.



Stir the spraying material thoroughly before measuring viscosity.

Dip the **VISCOSITY CUP (7)** completely into the spraying material.

Hold the **VISCOSITY CUP (7)** and measure the time in seconds until the spray material empties out.

This time duration is referred to below as ***Runout Time**.

THINNING CHART

MATERIAL	*RUNOUT TIME (SEC)
OIL ENAMEL	25 - 40
OIL BASED PRIMER	30 - 45
OIL STAIN	NO THINNING REQUIRED
CLEAR SEALER	NO THINNING REQUIRED
POLYURETHANE	NO THINNING REQUIRED
VARNISH	20 - 50

IMPORTANT Material to be sprayed should always be strained to remove any impurities in the paint which may enter and clog the system.

Impurities in the paint may give poor performance and a poor finish.

Diagram illustrating the use of the viscosity cup and a thinning chart providing recommended runout times for various materials like oil enamel, oil-based primer, oil stain, clear sealer, polyurethane, and varnish.

2. Assembly

1. Connect the air hose to both the motor unit and the spray gun securely.
2. Fill the paint container with your prepared and strained material.
3. Attach the filled paint container to the spray gun, ensuring it is tightly sealed.
4. Select the desired spray pattern by rotating the air cap.

OPERATION

1. Adjusting Spray Patterns

The spray gun offers three adjustable spray patterns: horizontal, vertical, and circular. To change the pattern, rotate the air cap to align the 'ears' with the desired orientation:

- **Horizontal:** For spraying up and down motions.
- **Vertical:** For spraying side-to-side motions.
- **Circular:** For small areas or detailed work.

2. Flow Control

The flow control knob on the spray gun allows you to adjust the volume of paint being sprayed. Turn the knob clockwise to decrease flow and counter-clockwise to increase flow. Always test on a scrap piece of material to find the optimal setting.

3. Spraying Technique

- **Distance:** Hold the spray gun approximately 6-12 inches (15-30 cm) from the surface.
- **Movement:** Move the gun in smooth, even strokes, keeping it perpendicular to the surface. 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 stroke.
- **Practice:** Always practice on a piece of scrap material to get a feel for the spray pattern and flow before starting your project.



A user demonstrating the VonHaus Electric HVLP Spray Gun in action, applying paint to a wooden surface, showcasing its use for outdoor projects.



The VonHaus Electric HVLP Spray Gun being used to paint an indoor wall, illustrating its versatility for various painting tasks.

MAINTENANCE

Thorough cleaning after each use is essential to prolong the life of your spray gun and ensure consistent performance.

1. Cleaning Procedure

1. **Disconnect power:** Always unplug the unit from the power source before cleaning.
2. **Empty container:** Empty any remaining paint from the container back into its original can.
3. **Rinse container:** Fill the container with the appropriate cleaning solution (water for latex, solvent for oil-based paints) and spray it through the gun into a waste container until clear.
4. **Disassemble:** Unscrew the paint container, remove the air cap, nozzle, and needle.
5. **Clean components:** Use the provided cleaning brush and needle to thoroughly clean all disassembled parts, including the container, air cap, nozzle, and fluid tip. Pay special attention to small holes and crevices.
6. **Wipe down:** Wipe the exterior of the spray gun and motor unit with a damp cloth.

7. **Dry and reassemble:** Ensure all parts are completely dry before reassembling the spray gun.



A user cleaning the paint container and spray gun components under running water in a sink, demonstrating the ease of post-project cleanup.

2. Storage

Store the cleaned and reassembled spray gun in a dry, cool place, away from direct sunlight and out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle/fluid tip; Insufficient material; Air hose disconnected; Motor unit not running.	Clean nozzle/fluid tip; Refill container; Check air hose connection; Ensure power is on and motor is running.

Problem	Possible Cause	Solution
Uneven spray pattern	Incorrect air cap setting; Material too thick; Partially clogged nozzle.	Adjust air cap; Thin material further; Clean nozzle thoroughly.
Paint spitting or dripping	Material too thin; Nozzle loose; Air cap not seated correctly; Low material level.	Thicken material slightly; Tighten nozzle; Re-seat air cap; Refill container.
Motor unit overheating	Prolonged continuous use; Blocked air vents.	Allow unit to cool down; Clear any obstructions from air vents.

SPECIFICATIONS

- **Brand:** VonHaus
- **Model:** B079TYFFZY
- **Style Name:** Gun
- **Spray Patterns:** 3 (Horizontal, Vertical, Circular)
- **Flow Control:** Adjustable
- **Max Viscosity:** 60 DIN-S (approximate, refer to thinning chart)

WARRANTY & SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact VonHaus customer service directly. Keep your proof of purchase for any warranty claims.

For further assistance, visit the official VonHaus website or contact their customer support team.

