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> Angseen 550W HVLP Electric Paint Sprayer User Manual (Model SPA8001)

Angseen SPA8001

Angseen 550W HVLP Electric Paint Sprayer User Manual

Model: SPA8001 | Brand: Angseen

IMPORTANT SAFETY INFORMATION

Before operating the Angseen 550W HVLP Electric Paint Sprayer, please read and understand all safety warnings and instructions. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment, including eye protection, gloves, and a respirator, when operating the paint sprayer.
- Ensure the work area is well-ventilated to prevent the accumulation of flammable vapors.
- Do not spray near open flames, pilot lights, or other ignition sources.
- Never point the spray gun at people or animals.
- Disconnect the power supply before cleaning, performing maintenance, or changing accessories.
- Keep children and pets away from the work area.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Angseen Paint Sprayer Unit
- 1 x 1200ml Container
- 4 x Copper Nozzles (1.0mm, 1.5mm, 2.0mm, 3.0mm)
- 1 x Cleaning Needle
- 1 x Cleaning Brush
- 1 x Viscosity Cup
- 1 x User Manual

TIPS: Be sure to watch the installation video before purchasing!



Image: The Angseen Paint Sprayer with its 1200ml container, four copper nozzles, cleaning tools, and viscosity cup.

PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of your Angseen Electric Paint Sprayer:



Image: Exploded view showing the Union Nut, Air Cap, Nozzle, O-Type Gasket, Trigger, and 1200ml Container of the Angseen Paint Sprayer.

- **Union Nut:** Secures the air cap and nozzle assembly.
- **Air Cap:** Directs the airflow to shape the spray pattern.
- **Nozzle:** Determines the spray output size and pattern. Four sizes are included.
- **O-Type Gasket:** Ensures a tight seal between components.
- **Trigger:** Activates the sprayer.
- **1200ml Container:** Holds the paint or coating material.

SETUP INSTRUCTIONS

Follow these steps to assemble and prepare your paint sprayer for use:

1. **Insert the Straw:** Place the straw into the container lid, ensuring it is securely seated.
2. **Attach Container:** Screw the 1200ml container onto the spray gun body and tighten it firmly.

- 3. Install Nozzle:** Select the appropriate nozzle size for your paint and project. Insert the nozzle into the spray gun head, then secure it with the union nut. Ensure it is tightened to prevent leaks.
- 4. Connect Front and Rear Ends:** Align the front spray assembly with the main motor unit and connect them securely.

Your browser does not support the video tag.

Video: This video demonstrates the assembly process of the Angseen Paint Sprayer, including inserting the straw, attaching the container, installing the nozzle, and connecting the main components.

NOZZLES RECOMMENDATIONS & APPLICATIONS

Nozzle	SIZE	Recommended Material	Recommended viscosity	Project
	1.0mm	Sealers, stains, enamel and varnish	30 Din-s	Chair, table, bicycle, shutter, cabinets, wooden artwork, model DIY
	1.5mm	Polyurethane, chalk and milk type paint	40 Din-s	Railings, heating pipes, window frames, boats, yard furniture, garage doors, metal garden fences
	1.8mm	Low viscosity primer and wall paint	45 Din-s	Internal wall, wooden garden fences, wooden pile, corridor
	2.5mm	Latex paint, low viscosity primer and wall paint	50 Din-s	External walls, outdoor floors, sports field line

WARM TIPS

- The smaller the size, the finer and the higher the surface quality; the larger the size, the larger the spray volume
- Large area, while high surface quality required, then 1.8mm can be recommended
- If you use latex paint, it is recommended to use a 2.5mm nozzle, because latex paint is viscous, which ensures better spraying of the paint

Image: The Angseen Electric Spray Gun in use, illustrating the importance of diluting paint and showing the three adjustable spray patterns: Circular 45°, Horizontal 90°, and Vertical 180°.

OPERATING INSTRUCTIONS

1. Paint Preparation

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

appropriate viscosity using the included viscosity cup.

- Use the viscosity cup to measure the paint's viscosity.
- Dilute the paint with the recommended thinner (water for latex, mineral spirits for oil-based) until it flows smoothly through the viscosity cup within the recommended time.
- Stir the paint thoroughly after dilution.
- Filter the paint to remove any particles or impurities that could clog the nozzle.

2. Nozzle Selection and Application

Choose the correct nozzle size based on the paint type and desired finish:

ELECTRIC SPRAY GUN

TIPS: Please be sure to dilute the paint according to the size of the nozzle you choose and stir well before use

TIPS: Be sure to watch the installation video before purchasing!



Circular 45° **Horizontal 90°** **Vertical 180°**

Image: Table detailing nozzle size recommendations, suitable materials, recommended viscosity, and project types for the Angseen Paint Sprayer.

Nozzle Recommendations

Nozzle Size	Recommended Material	Recommended Viscosity	Project
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Nozzle Size	Recommended Material	Recommended Viscosity	Project
1.0mm	Sealants, Stains, Enamel, Varnish	30 Din-s	Chairs, Tables, Bicycles, Shutters, Cabinets, Wooden Artwork, Model DIY
1.5mm	Polyurethane, Chalk, Milk-type Paint	40 Din-s	Railings, Heating Pipes, Window Frames, Boats, Yard Furniture, Garage Doors, Metal Garden Fences
1.8mm	Low Viscosity Primer, Wall Paint	45 Din-s	Internal Walls, Wooden Garden Fences, Wooden Piles, Corridors
2.5mm	Latex Paint, Low Viscosity Primer, Wall Paint	50 Din-s	External Walls, Outdoor Floors, Sports Field Lines

Warm Tips:

- Smaller nozzles provide a finer finish and higher surface quality.
- For large areas requiring high surface quality, a 1.8mm nozzle is recommended.
- When using latex paint, a 2.5mm nozzle is recommended due to its higher viscosity, ensuring better spray performance.

3. Adjusting Spray Patterns and Flow Control

The Angseen paint sprayer offers three adjustable spray patterns and flow control for versatile application:

- **Spray Patterns:** Rotate the air cap to switch between vertical, horizontal, and circular spray patterns.
- **Flow Control:** Use the knob to adjust the paint flow rate, controlling the spraying speed and coverage. This helps conserve paint and adapt to different project requirements.

Wide Application



Image: Various applications of the Angseen Paint Sprayer, including painting walls, fences, wood, cars, and furniture.

MAINTENANCE AND CLEANING

Regular cleaning and maintenance are essential to ensure the longevity and optimal performance of your paint sprayer.

1. **Disconnect Power:** Always unplug the sprayer from the power source before cleaning.
2. **Empty Container:** Remove any remaining paint from the container.
3. **Disassemble:** Detach the container, nozzle, air cap, and other removable parts.
4. **Clean Components:** Use the provided cleaning brush and needle to thoroughly clean all paint-contacting parts. For water-based paints, use warm soapy water. For oil-based paints, use appropriate solvent.
5. **Rinse:** Rinse all parts with clean water or solvent until all paint residue is removed.
6. **Dry and Reassemble:** Allow all parts to dry completely before reassembling the sprayer.



**DETACHABLE
AND
EASY TO CLEAN**

Image: A four-panel image demonstrating the detachable and easy-to-clean features of the Angseen Paint Sprayer, showing the use of a cleaning brush and needle under running water.

TROUBLESHOOTING

Refer to this section for solutions to common issues:

Problem: Nozzle is clogged.

Cause: Paint contains particles or impurities, paint viscosity is too high, or the sprayer was not cleaned promptly after use.

Solution: Use a cleaning needle or brush to clear the nozzle. Ensure paint is filtered and stirred, and its viscosity is suitable. Clean the spray gun immediately after each use.

Problem: Rough paint spray or bubbles.

Cause: Paint is too viscous, nozzle is not clean, or incorrect nozzle selection.

Solution: Dilute the paint to the appropriate viscosity. Ensure the nozzle is clean. Consider replacing the nozzle with a different size for testing.

Problem: Uneven or dripping spray.

Cause: Paint is too viscous, nozzle is not clean, or incorrect nozzle selection.

Solution: Dilute the paint to the appropriate viscosity. Ensure the nozzle is clean. Consider replacing the nozzle with a different size for testing.

SPECIFICATIONS

Feature	Specification
Power	550W
Maximum Flow	900ml/min
Maximum Viscosity	120 DIN-s
Container Capacity	1200ml
Nozzle Sizes	1.0mm, 1.5mm, 2.0mm, 3.0mm (Copper)
Spray Patterns	3 (Vertical, Horizontal, Circular)
Power Cord Length	2m
Voltage	120V, 60Hz
Weight	Approximately 2.93 lbs
Material	Plastic
Model Number	SPA8001

WARRANTY AND SUPPORT

Angseen provides customer support for its products. If you encounter any questions or issues with your paint sprayer, please contact us through your order platform. Our technical and after-sales teams are available to assist you and aim to provide a response within 24 hours.