Master Airbrush S68

Master Airbrush S68 Instruction Manual

Multi-Purpose Precision Dual-Action Siphon Feed Airbrush Gun

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Master Airbrush S68 Multi-Purpose Precision Dual-Action Siphon Feed Airbrush Gun. Designed for versatility and precision, this airbrush is suitable for a wide range of applications, from fine art and illustration to automotive touch-ups and cake decorating. Please read these instructions carefully before first use to ensure optimal performance and longevity of your airbrush.

Product Overview

The Master Airbrush S68 is a dual-action, siphon feed airbrush featuring a 0.35mm tip for detailed work. It includes a 3/4 oz fluid bottle, a 1/6 oz metal color cup, and a 6-foot braided air hose, providing a complete system for various airbrushing needs.



Figure 1: Master Airbrush S68 with key components labeled.

Key Features:

- **Dual-Action Control:** Allows independent control of both air and fluid, providing precise spray patterns.
- **Siphon Feed:** Ideal for larger volumes of paint and quick color changes, drawing paint from a bottle or cup mounted below the airbrush body.
- **0.35mm Tip:** Optimized for fine detail work and general-purpose spraying.
- **Versatile Applications:** Suitable for automotive, art, cake decorating, hobby, illustration, and makeup.

Setup

1. **Unpack Components:** Carefully remove all items from the molded plastic storage case. Verify that all included components are present: airbrush gun, 3/4 oz fluid bottle, 1/6 oz color cup, 6-foot braided air hose, and nozzle wrench.
2. **Connect Air Hose:** Attach one end of the 6-foot braided air hose to the air inlet on the bottom of the airbrush handle. Securely fasten the other end of the hose to your air compressor or air source. Ensure all connections are tight to prevent air leaks.
3. **Attach Fluid Container:** Depending on your project, screw either the 3/4 oz fluid bottle or the 1/6 oz

metal color cup onto the siphon feed connection point located beneath the airbrush body. Ensure it is securely attached.

4. **Initial Cleaning:** Before first use, it is recommended to flush the airbrush with an appropriate cleaning solution (e.g., airbrush cleaner or distilled water) to remove any manufacturing residues. Fill the fluid container with cleaner, connect to air, and spray through until the cleaner runs clear.

Operating Instructions

The Master Airbrush S68 features dual-action control, allowing for precise manipulation of both air and paint flow.

1. **Prepare Your Paint:** Most airbrush paints require thinning to achieve the correct consistency for optimal spraying. Refer to your paint manufacturer's recommendations for thinning ratios. The paint should have a milk-like consistency for best results.
2. **Fill Fluid Container:** Pour the prepared paint into the attached 3/4 oz fluid bottle or 1/6 oz metal color cup. Do not overfill.
3. **Hold the Airbrush:** Hold the airbrush like a pen or pencil, ensuring a comfortable grip. Your index finger should rest on the trigger.
4. **Activate Air Flow:** Press down on the trigger to release air. This should be done before pulling back for paint.
5. **Control Paint Flow:** While holding the trigger down for air, gently pull the trigger back to release paint. The further back you pull, the more paint will be released.
6. **Adjust Spray Pattern:** The distance between the airbrush and the surface, along with the amount of air and paint, will determine the spray pattern. Closer distances and less paint/air create finer lines, while further distances and more paint/air create broader coverage.



Figure 2: Proper grip and use of the airbrush for detailed work.

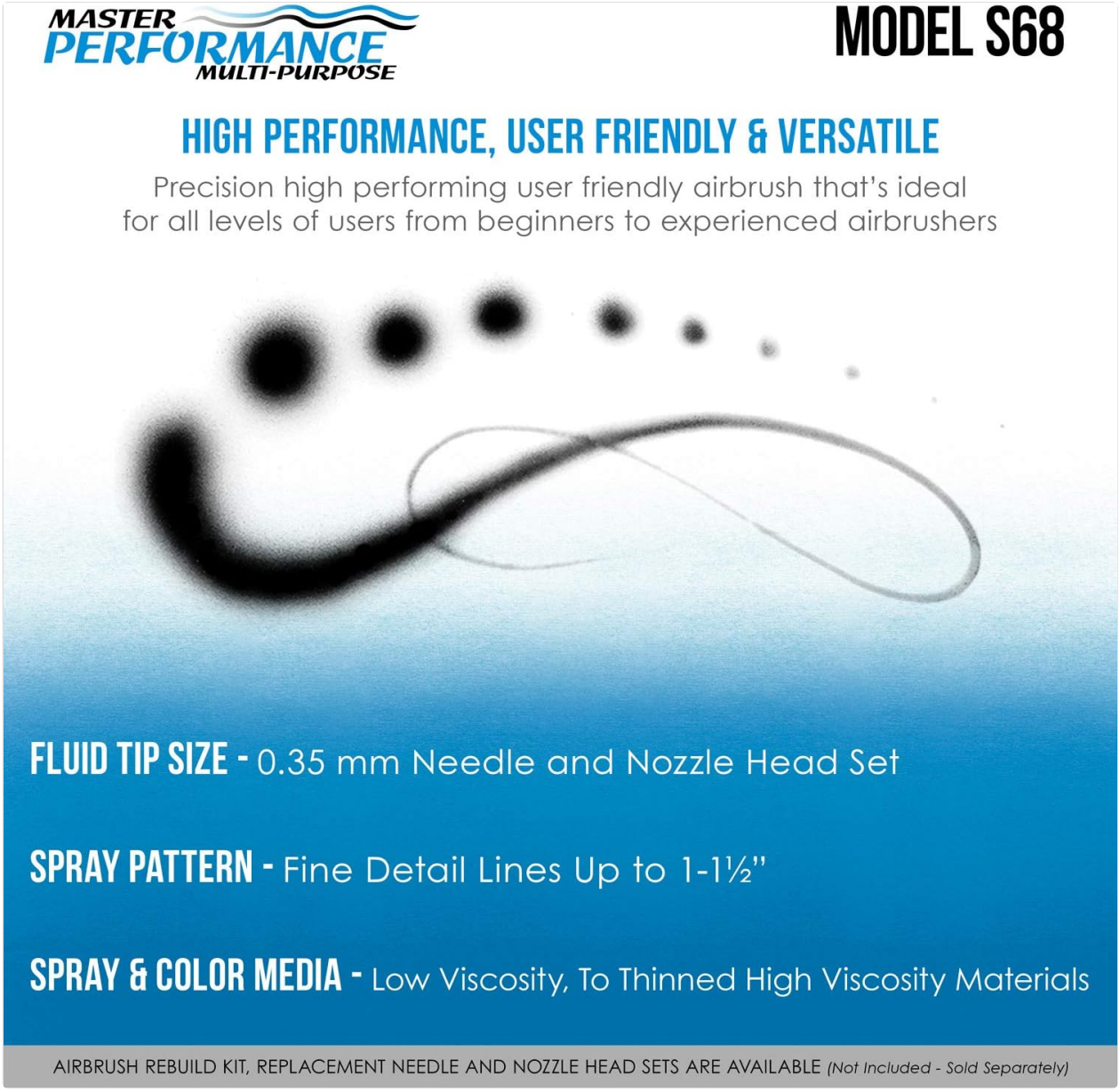


Figure 3: Example spray patterns from fine detail lines to broader coverage.

Official Product Videos

Master Performance S68 Multi-Purpose Precision Dual-Action Siphon Feed Airbrush

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This video demonstrates the Master Performance S68 airbrush, showcasing its features and how it operates for various applications. It provides a visual guide to the airbrush's capabilities and ease of use.

The All-Around Look and Use of the S68 Airbrush

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This video offers a comprehensive overview of the S68 airbrush, detailing its design and practical application. It illustrates how to handle and utilize the airbrush for different artistic and hobby projects.

Maintenance and Cleaning

Proper cleaning and maintenance are crucial for the longevity and optimal performance of your airbrush. Clean your airbrush immediately after each use, especially when changing colors or finishing a session.

1. **Basic Flush Cleaning:** Empty any remaining paint from the fluid container. Fill the container with airbrush cleaner or appropriate solvent for your paint type. Spray the cleaner through the airbrush onto a paper towel or into a cleaning pot until the spray runs clear.
2. **Needle and Nozzle Cleaning:** For a more thorough cleaning, carefully disassemble the front end of the airbrush. Unscrew the needle cap, air cap, and fluid nozzle. Gently pull the needle out from the rear of the airbrush. Clean all components with a soft brush and airbrush cleaner. Use the included nozzle wrench if needed for the fluid nozzle.
3. **Reassembly:** Reassemble the airbrush in reverse order. Be extremely careful when inserting the needle to avoid bending the tip. Ensure all parts are snug but do not overtighten.
4. **Lubrication:** Occasionally, apply a small amount of airbrush lubricant to the needle packing and trigger mechanism to ensure smooth operation.



Figure 4: Exploded view of the Master Airbrush S68 for detailed cleaning and maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No paint flow	Clogged nozzle or needle tip Insufficient air pressure Paint too thick Fluid container empty	Clean nozzle and needle Increase air pressure Thin paint to proper consistency Refill fluid container
Sputtering or inconsistent spray	Partially clogged nozzle Loose fluid nozzle or air cap Air leak in connections Paint consistency issues	Thoroughly clean airbrush Tighten all components Check air hose connections Adjust paint thinning
Air bubbles in fluid cup	Loose fluid nozzle Damaged fluid nozzle	Tighten fluid nozzle Replace fluid nozzle
Bent or damaged needle	Improper handling or cleaning	Replace needle (available separately)

Specifications

- **Model:** S68
- **Type:** Dual-Action, Siphon Feed
- **Nozzle/Needle Size:** 0.35 mm
- **Fluid Bottle Capacity:** 3/4 oz (22 ml)
- **Metal Color Cup Capacity:** 1/6 oz (5 ml)
- **Air Hose Length:** 6 feet (1.8 meters)
- **Included Components:** Airbrush gun, 3/4 oz fluid bottle, 1/6 oz metal color cup, 6-foot braided air hose, nozzle wrench, molded plastic storage case.
- **Part Number:** S68-H
- **UPC:** 844998008941

Warranty and Support

Your Master Airbrush S68 is designed for durability and performance. For any questions regarding operation, maintenance, or if you encounter issues not covered in this manual, please contact Master Airbrush customer support. Keep your purchase receipt for warranty purposes.