Master Airbrush G79-PROSET

Master Airbrush G79-PROSET Airbrushing System User Manual

Model: G79-PROSET (KIT-G79)

Introduction

This manual provides essential instructions for the safe and effective use of your Master Airbrush G79-PROSET Airbrushing System. Please read this manual thoroughly before operating the equipment to ensure proper setup, operation, and maintenance. Retain this manual for future reference.

Product Overview

The Master Airbrush G79-PROSET is a comprehensive airbrushing system designed for various applications. It includes a precision dual-action airbrush and a tankless air compressor.

Image: The complete Master Airbrush G79-PROSET Airbrushing System, showing the compressor, air hose, and airbrush kit in its case.

Key Components:

- **Master Airbrush Model G78 Airbrush:** An all-purpose precision fixed dual-action trigger style gravity feed airbrush.
- **Nozzle Sets:** Includes 0.3mm, 0.5mm, and 0.8mm nozzle sets for varied spray patterns.
- **Screw-On Cups:** Three sizes provided: 1/16 oz, 1/6 oz, and 1/2 oz.
- **Airbrush-Depot Model TC-20 Tankless Air Compressor:** Features an air regulator, automatic on/off shutoff, and a 1/5 HP single-piston motor.
- **Braided Air Hose:** A 6-foot braided air hose for connecting the airbrush to the compressor.



Image: Detailed diagram of the Master Airbrush G79, highlighting features such as the ergonomic pistol trigger, micro airflow adjustment control valve, preset fluid control knob, and the three screw-on gravity fluid cups. It also shows the 4-piece precision head system and the different needle sizes (0.3mm, 0.5mm, 0.8mm).

Image: Detailed diagram of the TC-320 Cool Runner II Air Compressor, showing its integrated dual fan system, regulator gauge, water trap, dual airbrush holder, and internal cooling fans for extended runtime.

Setup Instructions

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect for any damage.
2. **Position Compressor:** Place the Airbrush-Depot TC-20 compressor on a stable, level surface in a well-ventilated area. Ensure adequate space around the compressor for airflow.
3. **Connect Air Hose:** Attach one end of the 6-foot braided air hose to the air outlet on the compressor's air regulator. Hand-tighten securely.
4. **Connect Airbrush:** Attach the other end of the air hose to the air inlet on the Master Airbrush G78. Hand-tighten securely.
5. **Install Nozzle and Cup:** Select the desired nozzle set (0.3mm, 0.5mm, or 0.8mm) and screw-on fluid cup. Ensure they are properly installed on the airbrush according to the detailed diagram in the Product Overview.
6. **Power Connection:** Plug the compressor's power cord into a standard 120-volt electrical outlet.

Safety Note: Always ensure the compressor is turned off and unplugged before connecting or disconnecting components, or performing any maintenance.

Operating Instructions

1. **Prepare Paint:** Thin your paint to the appropriate consistency for airbrushing. Refer to your paint manufacturer's recommendations.
2. **Fill Fluid Cup:** Pour the prepared paint into the airbrush's fluid cup. Do not overfill.
3. **Turn On Compressor:** Flip the power switch on the compressor to the "ON" position. The compressor will automatically build pressure and shut off when the maximum pressure is reached. It will cycle on and off during use to maintain pressure.
4. **Adjust Air Pressure:** Use the air regulator knob on the compressor to set the desired air pressure. The gauge will display the current pressure.
5. **Test Spray:** Point the airbrush at a scrap surface.
    - **Air Only:** Press down on the trigger for air only.
    - **Air and Fluid:** Pull back on the trigger while pressing down to release paint. The further back you pull, the more paint is released.
6. **Adjust Spray Pattern:**
    - The G78 airbrush features a preset fluid control knob at the rear to limit how far the needle can retract, allowing for consistent line widths.
    - The micro airflow adjustment control valve on the airbrush can be used for fine-tuning air pressure directly at the airbrush.
7. **Begin Airbrushing:** Maintain a consistent distance from your work surface and use smooth, even strokes.

Maintenance

Airbrush Cleaning:

1. **Empty Fluid Cup:** After each use, empty any remaining paint from the fluid cup.
2. **Flush with Cleaner:** Fill the cup with an appropriate airbrush cleaner or solvent (compatible with your paint type). Spray through the airbrush until the cleaner runs clear.
3. **Disassemble and Clean:** For thorough cleaning, carefully disassemble the airbrush nozzle, needle, and fluid cup. Use small brushes and cleaning solutions to remove all paint residue. Pay close attention to the nozzle and needle tip.
4. **Reassemble:** Reassemble the airbrush carefully, ensuring all parts are correctly seated and tightened.

Compressor Maintenance:

- **Drain Moisture Trap:** Regularly check and drain the moisture trap located on the air regulator. This prevents water from entering your airbrush and paint.
- **Keep Vents Clear:** Ensure the compressor's cooling vents are free from dust and debris to prevent overheating.
- **Storage:** When not in use, store the compressor in a clean, dry environment.

Troubleshooting

Problem	Possible Cause	Solution
No air from airbrush	Compressor off; hose disconnected; regulator closed.	Check power, ensure hose connections are secure, open air regulator.
Paint sputtering or inconsistent spray	Paint too thick; clogged nozzle; loose nozzle/needle; moisture in air line.	Thin paint, clean nozzle/needle, check connections, drain moisture trap.
No paint flow	Clogged nozzle; needle not retracting; empty fluid cup.	Clean nozzle, check needle movement, refill fluid cup.
Airbrush leaks	Loose parts; damaged O-rings/seals.	Tighten components, inspect and replace damaged seals.

Specifications

Feature	Detail
Brand	Master Airbrush
Model Name	G79 PROSET
Part Number	KIT-G79
UPC	844925016988
Voltage	120 Volts
Noise Level	79 Decibels
Item Weight	12 Pounds
Maximum Power	0.2 Horsepower
Motor Horsepower	0.2 Horsepower

Feature	Detail

Air Flow Capacity	0.7 Cubic Feet Per Minute
Color	Silver
Style	Portable
Included Components	Air Hose, Nozzles, Airbrush, Compressor, Fluid Cups

Warranty and Support

The Master Airbrush G79-PROSET Airbrushing System comes with a **Full 1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product is free from defects in material and workmanship under normal use.
For warranty claims, technical assistance, or product support, please contact Master Airbrush customer service. Refer to the product packaging or the official Master Airbrush website for the most current contact information.
For additional resources and product information, you may visit theMaster Airbrush Store on Amazon.

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