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Master Airbrush Kit-S622-848

Master Airbrush S62 Set with the TC-848 Four-Cylinder Piston Air Compressor

Model: Kit-S622-848

Introduction and Overview

This manual provides detailed instructions for the Master Airbrush S62 Set and TC-848 Four-Cylinder Piston Air Compressor. This high-performance system is designed for various airbrushing applications, offering precision and consistent airflow. Please read this manual thoroughly before operating the equipment to ensure safe and effective use.

Components Included

The Master Airbrush S62 Set with TC-848 Compressor includes the following key components:

- High-Performance Four-Cylinder Piston Air Compressor with Tank (TC-848)
- Master Hi-Flow Airbrush Model S62 (S622-SET)
- All-Purpose Precision Dual-Action Siphon Feed Airbrush
- 6-foot Braided Air Hose with 1/8" BSP Connection
- Air Filter with Water Trap and Pressure Regulator
- Compressor Mounted Airbrush Holder
- Multiple Needle and Nozzle Sizes (0.3mm, 0.5mm, 0.8mm)
- 3/4 Ounce Siphon Feed Fluid Bottle



Image: Overview of the complete Master Airbrush S62 Set and TC-848 Compressor, showing all included components.

Setup Instructions

1. **Unpacking and Inspection:** Carefully remove all components from the packaging. Inspect for any signs of damage. Retain packaging for future storage or transport.
2. **Placement:** Place the TC-848 compressor on a stable, level surface in a well-ventilated area. Ensure adequate space around the unit for airflow.
3. **Attach Air Hose:** Connect one end of the braided air hose to the air outlet on the compressor's pressure regulator. Connect the other end to the air inlet of the Master S62 airbrush. Ensure connections are secure to prevent air leaks.
4. **Install Airbrush Holder:** Attach the compressor-mounted airbrush holder to the compressor as desired for convenient storage during use.
5. **Power Connection:** Ensure the compressor's power switch is in the 'OFF' position. Plug the power cord into a grounded electrical outlet.



Image: Close-up of the TC-848 Compressor, highlighting the regulator, water trap, and air tank.



Image: The 6-foot braided air hose, essential for connecting the airbrush to the compressor.

Operating Instructions

1. **Prepare Fluid:** Fill the 3/4 ounce siphon feed fluid bottle with your desired airbrush medium. Ensure the medium is properly thinned for airbrush use. Attach the bottle securely to the airbrush.
2. **Power On Compressor:** Turn the power switch on the TC-848 compressor to the 'ON' position. The compressor will build pressure and then automatically shut off when the tank is full. It will cycle on and off during use to maintain pressure.
3. **Adjust Air Pressure:** Use the pressure regulator knob on the compressor to set the desired air pressure. The gauge will display the current working pressure. Start with a lower pressure and adjust as needed for your specific application and medium.
4. **Airbrush Operation (Dual-Action):**
    - Press down on the ergonomic trigger to release air.

- Pull back on the trigger to release fluid. The further back you pull, the more fluid is released.
- Practice on scrap material to get a feel for the airbrush's response and to achieve desired spray patterns.

5. **Adjusting Fluid Flow:** The Master S62 airbrush features a preset fluid control knob at the rear. This allows you to limit how far back the trigger can pull, providing consistent fluid output for repetitive tasks.
6. **Quick Flush Cutaway Handle:** The cutaway handle allows for quick access to the needle chuck for cleaning or adjusting the needle without disassembling the entire airbrush.

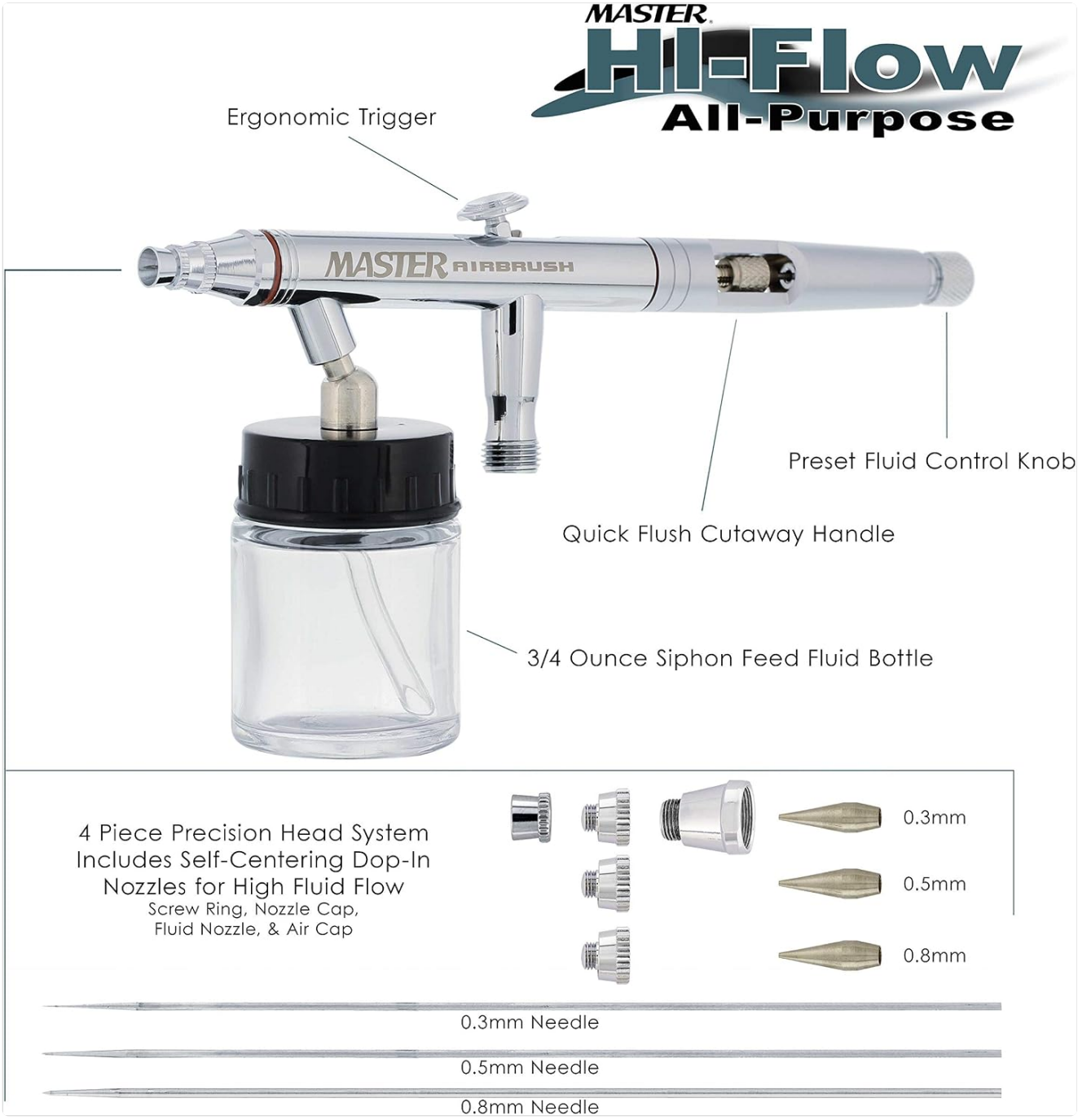


Image: Close-up of the Master S62 Airbrush, showing the ergonomic trigger, fluid control knob, and siphon feed bottle.

Maintenance

Proper maintenance is crucial for the longevity and performance of your airbrush system.

1. **Airbrush Cleaning (After Each Use):**
   - Empty any remaining fluid from the bottle.
   - Rinse the bottle with appropriate cleaner (water for water-based paints, solvent for solvent-based paints).

- Fill the bottle with cleaner and spray through the airbrush until the spray runs clear.
- For thorough cleaning, disassemble the needle, nozzle, and air cap. Clean each component with a soft brush and cleaner. Be extremely careful with the needle tip and nozzle, as they are delicate.
- Reassemble the airbrush carefully.

2. **Compressor Water Trap:** The TC-848 compressor is equipped with a water trap to remove moisture from the air. Regularly check the water trap and drain any accumulated water by opening the drain valve at the bottom of the trap. This prevents moisture from reaching your airbrush and affecting your work.
3. **Air Filter:** Periodically inspect the air filter on the compressor. Clean or replace if it appears clogged or dirty to ensure optimal airflow.
4. **General Care:** Keep the compressor and airbrush clean and free of dust. Store the equipment in a dry, dust-free environment when not in use.

Troubleshooting

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
No paint flow or sputtering	Clogged nozzle/needle, paint too thick, air pressure too low, bent needle tip.	Clean airbrush thoroughly, thin paint, increase air pressure, inspect and replace needle if bent.
Air bubbles in fluid bottle	Loose nozzle, cracked nozzle, air leak in fluid connection.	Tighten nozzle, inspect nozzle for cracks and replace if necessary, ensure fluid bottle connection is secure.
Compressor not building pressure	Air leak, faulty pressure switch, motor issue.	Check all connections for leaks, ensure drain valve on water trap is closed. If problem persists, contact support.
Inconsistent spray pattern	Partial clog, improper paint thinning, damaged air cap.	Clean airbrush, adjust paint consistency, inspect air cap for damage.

Specifications

Brand	Master Airbrush
Model Name	TC 848 (Compressor) / S62 (Airbrush)
Part Number	Kit-S622-848
Power Source	Corded Electric
Motor Horsepower	0.25 Horsepower (1/4 hp)
Air Flow Capacity	1.5 Cubic Feet Per Minute (CFM)
Noise Level	59 dB
Tank Capacity	0.75 Gallons (approx. 2.8 liters)

Item Weight	30.7 Pounds
Special Feature	Portable
Included Components	Filters, Nozzles

Official Product Videos

No official product videos from the seller were found for this item in the provided data.

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official Master Airbrush website. You may also contact Master Airbrush customer service directly for assistance with your product.
Manufacturer: Master Airbrush

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