

VEVOR TC-20B

VEVOR Airbrush Kit TC-20B User Manual

Model: TC-20B

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your VEVOR Airbrush Kit TC-20B. Please read these instructions thoroughly before using the product and retain them for future reference.

2. SAFETY INFORMATION

- Always operate the airbrush kit in a well-ventilated area.
- Wear appropriate personal protective equipment, including eye protection and a respirator, especially when spraying paints or chemicals.
- Ensure the power supply matches the specifications listed on the compressor.
- Keep the compressor away from water and damp environments.
- Do not touch the compressor motor during or immediately after operation, as it may be hot.
- Keep children and pets away from the operating area.
- Disconnect the power supply before performing any maintenance or cleaning.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1/6 HP Air Compressor with Tank
- 3 Dual-Action Professional Airbrushes (with 0.3 mm, 0.3 mm, and 0.5 mm tips)
- Air Hose
- Acrylic Paint Set (6 colors)
- Cleaning Kit (including 20ml cleaner and 5 mini cleaning brushes)

- Instruction Guide
- Measuring Cap
- Nozzle Adapter
- Replacement Seal
- Gun Lubricant
- Shoulder Strap
- Strainer
- Viscosity Cup



Figure 1: Overview of the VEVOR Airbrush Kit components.

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Placement:** Place the air compressor on a stable, level surface in a well-ventilated area. Ensure adequate space around the unit for airflow.
3. **Connect Air Hose:** Connect one end of the air hose to the air outlet on the compressor and the other

end to the airbrush. Ensure connections are secure to prevent air leaks.

4. **Power Connection:** Plug the compressor's power cord into a suitable electrical outlet (120V, 60Hz).
5. **Airbrush Holder:** Attach the airbrush holder to the compressor if desired for convenient storage during breaks.



Figure 2: Airbrush kit fully assembled and ready for use.

5. OPERATING INSTRUCTIONS

1. **Prepare Paint:** Thin your paint to the appropriate consistency for airbrushing. Use the included viscosity cup if needed. Pour the prepared paint into the airbrush cup.

2. **Power On:** Turn on the compressor using the power switch. The compressor will build pressure in the tank.
3. **Adjust Air Pressure:** Use the twist knob on the compressor to adjust the air pressure (typically 15-50 PSI depending on paint and application). Start with a lower pressure and increase as needed.
4. **Test Spray:** Point the airbrush at a test surface. Press down on the trigger to release air. Pull the trigger back to release paint. Practice controlling the air and paint flow simultaneously for desired results.
5. **Application:** Maintain a consistent distance from your work surface. Move the airbrush in smooth, even strokes.



Figure 3: Demonstrating easy control with the adjustable pressure knob and dual-action airbrush lever.

Your Ultimate Tool for Endless Projects



Ideal for cakes, models, automotive, nail art, and canvas painting

Figure 4: Precision atomization for flawless finishes on a model.

Easy Control for Ideal Results

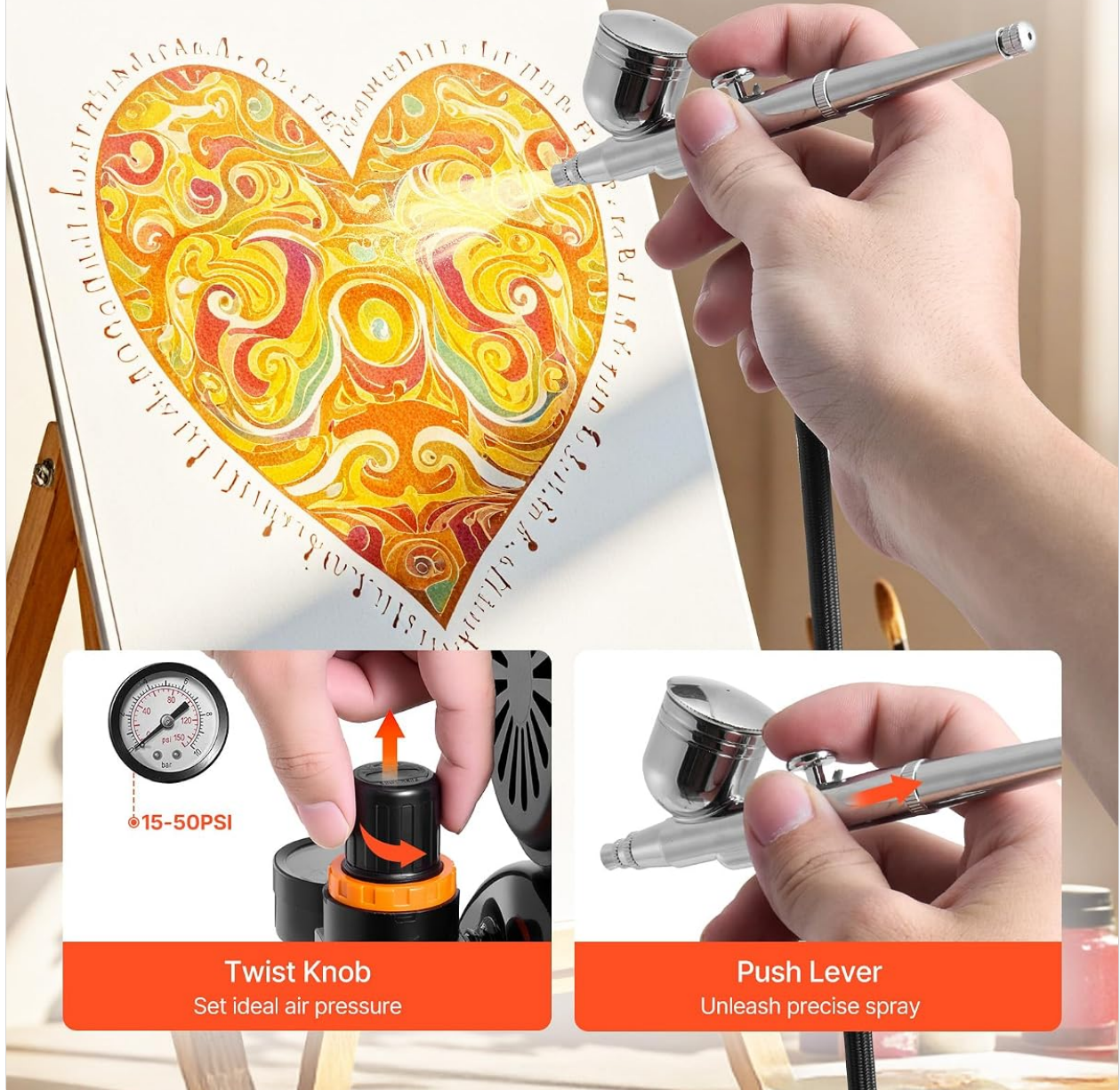


Figure 5: The airbrush kit is versatile for various projects such as cake decorating, model painting, and nail art.

6. MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and performance of your airbrush kit.

1. **Immediate Cleaning:** After each use, empty any remaining paint from the airbrush cup. Add a few drops of appropriate cleaner (water for acrylics, solvent for other paints) to the cup and spray it through until clear.
2. **Thorough Cleaning:** For a more thorough clean, disassemble the airbrush nozzle and needle components. Use the included mini cleaning brushes and cleaner to remove all paint residue from the internal parts and the smooth inner chamber.

3. **Lubrication:** Apply a small amount of the included gun lubricant to the needle and trigger mechanism periodically to ensure smooth operation.
4. **Compressor Care:** Keep the compressor clean and free of dust. Ensure the cooling fans are not obstructed to prevent overheating.
5. **Drain Moisture:** Periodically drain any accumulated moisture from the air tank by opening the drain valve at the bottom of the tank.



Item Model Number: **TC-20B**

Ratings: **120V,60Hz**

Power: **1/6HP / 120W**

Air Flow: **23-25L / min**

Dimension of Nozzle: **0.3 & 0.3 & 0.5mm**

Volume of Cup: **2mL & 9mL & 22mL**

Figure 6: Quick cleaning for easy color changes using the provided cleaner and brushes.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No paint flow or uneven spray	Clogged nozzle/needle, paint too thick, bent needle	Clean nozzle and needle thoroughly. Thin paint. Inspect needle for damage and replace if bent.
Air leaks	Loose connections, damaged O-rings	Tighten all connections. Inspect and replace O-rings if damaged.
Compressor overheats	Blocked cooling vents, prolonged continuous use	Ensure cooling vents are clear. Allow compressor to cool down after 20+ minutes of continuous use.
Compressor runs constantly	Air leak, pressure switch malfunction	Check for air leaks. If problem persists, contact VEVOR support.

8. SPECIFICATIONS

Feature	Specification
Model Number	TC-20B
Power	1/6 HP / 120W
Ratings	120V, 60Hz
Air Flow	23-25 L/min
Tank Volume	3 Liters
Nozzle Dimensions	0.3 mm, 0.3 mm, 0.5 mm
Cup Volume	2 mL, 9 mL, 22 mL
Item Weight	13.34 Pounds
Dimensions (W x H)	12.2"W x 12.4"H
Material	Metal, Plastic



Figure 7: Detailed specifications and dimensions of the VEVOR Airbrush Kit.

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For warranty information, please refer to the warranty card included with your product or visit the official VEVOR website.

If you encounter any issues or have questions regarding your VEVOR Airbrush Kit TC-20B, please contact VEVOR customer support for assistance. Our team is available to help with troubleshooting, parts replacement, and general inquiries.

Contact Information: Please refer to the contact details provided on the VEVOR official website or your product packaging.