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Airbrush Fengda fen-AS189A

Airbrush Fengda AS-189A Compressor Instruction Manual

Model: AS-189A

1. Introduction

Thank you for choosing the Airbrush Fengda AS-189A Compressor. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your new airbrush compressor. Please read these instructions thoroughly before use and retain them for future reference.

2. Safety Instructions

Always observe the following safety precautions to prevent injury or damage to the compressor:

- Ensure the power supply matches the voltage specified on the compressor (240 Volt).
- Do not operate the compressor in wet or damp conditions.
- Always disconnect the power plug from the outlet before performing any maintenance or when the compressor is not in use.
- Keep children and pets away from the operating compressor.
- Never direct the air stream towards people or animals.
- Ensure adequate ventilation when operating the compressor.
- Do not modify the compressor or its components. Use only original replacement parts.
- Wear appropriate personal protective equipment, such as eye protection, when airbrushing.

3. Package Contents

Upon unpacking, please verify that all components are present and undamaged. Typical contents include:

- Airbrush Fengda AS-189A Compressor
- Air hose
- Instruction Manual
- Power cord

If any items are missing or damaged, please contact your retailer immediately.

4. Product Overview

The Airbrush Fengda AS-189A is a compact and efficient airbrush compressor designed for hobby and professional airbrushing applications. It features a 3-liter air tank for consistent air pressure and reduced motor cycling.



Image 1: Airbrush Fengda AS-189A Compressor. This image shows the compact design of the compressor, including the pressure gauge, air tank, and various connections.

Key Features:

- Integrated 3-liter air tank for pulsation-free air delivery.
- Automatic shut-off when not in use, restarting when pressure drops.
- Pressure regulator with filter and manometer.
- Suitable for various airbrush applications.

5. Setup

Follow these steps to set up your Airbrush Fengda AS-189A Compressor:

1. **Placement:** Place the compressor on a stable, level surface in a well-ventilated area. Ensure there is sufficient space around the unit for air circulation.
2. **Connect Air Hose:** Attach one end of the air hose to the air outlet of the compressor (usually located near the pressure regulator). Ensure a secure connection.
3. **Connect Airbrush:** Attach the other end of the air hose to your airbrush.
4. **Power Connection:** Plug the power cord into a grounded 240 Volt electrical outlet.
5. **Initial Check:** Before turning on, ensure all connections are tight and there are no visible damages to the

compressor or cables.

6. Operating Instructions

To operate your Airbrush Fengda AS-189A Compressor:

1. **Power On:** Flip the power switch to the 'ON' position. The compressor will begin to fill the air tank until it reaches its maximum pressure, then it will automatically shut off.
2. **Adjust Pressure:** Use the pressure regulator knob to set the desired working pressure. The manometer will display the current pressure.
3. **Begin Airbrushing:** Once the desired pressure is set, you can begin your airbrushing work. The compressor will automatically restart when the pressure in the tank drops below a certain level.
4. **Power Off:** When finished, turn off the compressor by flipping the power switch to the 'OFF' position.
5. **Depressurize:** After turning off, it is recommended to release any remaining air pressure from the tank by briefly opening the airbrush trigger or using the drain valve (if present) at the bottom of the tank.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your compressor:

- **Drain Moisture:** Periodically drain any accumulated moisture from the air tank. This is typically done via a drain valve at the bottom of the tank. Moisture can lead to rust and affect air quality.
- **Clean Air Filter:** Check and clean the air filter regularly. A clogged filter can reduce compressor efficiency. Replace if necessary.
- **Inspect Hoses and Connections:** Regularly inspect the air hose and all connections for leaks or damage. Replace any worn or damaged parts.
- **General Cleaning:** Keep the exterior of the compressor clean and free of dust and debris. Use a soft, dry cloth.
- **Storage:** Store the compressor in a clean, dry place when not in use.

8. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Compressor does not turn on	No power supply; Power switch off; Faulty power cord	Check power connection; Ensure switch is ON; Inspect power cord for damage
Low air pressure / No air output	Air hose leak; Clogged air filter; Pressure regulator set too low; Airbrush clogged	Check hose connections; Clean/replace air filter; Adjust pressure regulator; Clean airbrush
Compressor runs continuously	Air leak in system; Pressure switch malfunction	Check all connections for leaks; Contact service for pressure switch issues
Excessive noise or vibration	Loose components; Compressor not on level surface	Check for loose parts and tighten; Place on a stable, level surface

If you encounter problems not listed here or if solutions do not resolve the issue, please contact customer support.

9. Specifications

Detailed technical specifications for the Airbrush Fengda AS-189A Compressor:

- **Brand:** Airbrush Fengda
- **Model Number:** fen-AS189A
- **Voltage:** 240 Volt
- **Energy Source:** Electric with cord
- **Item Weight:** 8.6 Kilograms
- **Capacity:** 3 Liter (Air Tank)
- **Recommended Use:** Airbrushing
- **UPC:** 734872114816
- **GTIN:** 734872114816

10. Warranty and Support

For warranty information, please refer to the terms and conditions provided by your retailer at the time of purchase. For technical support or service inquiries, please contact the Airbrush Fengda customer service or your authorized dealer.

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