

MAKO AIRTEK AME-EL350

MAKO AIRTEK Air Filter AME-EL350 Instruction Manual

Model: AME-EL350

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1. INTRODUCTION

This instruction manual provides essential information for the proper installation, maintenance, and safe use of your MAKO AIRTEK AME-EL350 Air Filter. This filter is designed as a direct replacement and is compatible with SMC systems, ensuring optimal performance and longevity of your air compressor equipment. Please read this manual thoroughly before proceeding with installation or maintenance.

2. SAFETY INFORMATION

Always observe the following safety precautions when handling or installing air filters:

- **Disconnect Power:** Before performing any maintenance or installation on an air compressor system, ensure that the power supply is completely disconnected and the system is depressurized.
- **Wear Personal Protective Equipment (PPE):** Always wear appropriate safety glasses and gloves to protect against potential hazards.
- **Consult System Manual:** Refer to your air compressor system's specific manual for additional safety guidelines and procedures.
- **Proper Disposal:** Dispose of used filter elements according to local environmental regulations.
- **Use Correct Tools:** Ensure you have the correct tools for the job to prevent damage to the filter or system components.

3. PRODUCT OVERVIEW

The MAKO AIRTEK AME-EL350 is a high-quality replacement air filter element designed to maintain the purity of compressed air in your system. It is engineered to meet or exceed original manufacturing standards, providing efficient filtration and protecting downstream equipment from contaminants.



Image 3.1: MAKO AIRTEK AME-EL350 Air Filter Element. This image displays two cylindrical filter elements, one with a perforated metal outer casing and an inner filter medium, and the other appearing as a solid filter cartridge. Both have metal end caps.

4. INSTALLATION (FILTER REPLACEMENT)

Follow these steps to replace your air filter element. Always refer to your specific air compressor system's manual for detailed instructions on accessing the filter housing.

1. **Prepare the System:** Ensure the air compressor system is turned off, disconnected from its power source, and completely depressurized. Verify that all air pressure has been released from the system before proceeding.
2. **Locate Filter Housing:** Identify the air filter housing within your compressed air system.
3. **Open Housing:** Carefully open or unbolt the filter housing. Be aware that there might be residual oil or condensate inside.
4. **Remove Old Filter:** Grasp the old filter element and pull it out. Inspect the housing for any debris or contamination and clean if necessary.

- 5. **Install New Filter:** Insert the new MAKO AIRTEK AME-EL350 filter element into the housing. Ensure it seats properly and securely. Do not force the filter.
- 6. **Close Housing:** Reassemble and securely close the filter housing. Ensure all seals and gaskets are correctly positioned to prevent air leaks.
- 7. **Restore System:** Reconnect the power supply and slowly repressurize the air compressor system. Check for any leaks around the filter housing.

5. MAINTENANCE

Regular maintenance of your air filter is crucial for efficient operation and to extend the life of your air compressor and downstream equipment. The MAKO AIRTEK AME-EL350 filter is designed for long-lasting performance, but its lifespan depends on operating conditions and air quality.

- **Inspection:** Periodically inspect the filter element for signs of excessive dirt, discoloration, or damage. The frequency of inspection should align with your system's maintenance schedule.
- **Replacement Schedule:** Replace the filter element according to your air compressor manufacturer's recommendations or when a significant pressure drop across the filter is observed. A general guideline for replacement is every 2000-4000 operating hours, but this can vary.
- **Pressure Differential Gauge:** If your system is equipped with a pressure differential gauge, replace the filter when the gauge indicates that the maximum allowable pressure drop has been reached.

6. TROUBLESHOOTING

This section addresses common issues related to air filter performance.

Problem	Possible Cause	Solution
Reduced Airflow / Pressure Drop	Clogged or dirty filter element.	Replace the filter element (refer to Section 4).
Contaminants in Compressed Air	Damaged filter element or improper installation (leaks).	Inspect filter for damage; ensure proper seating and sealing during installation. Replace if damaged.
Short Filter Lifespan	High contaminant load in the air supply; incorrect filter type for application.	Evaluate upstream filtration; ensure the AME-EL350 is the correct filter grade for your application. Increase inspection frequency.

7. SPECIFICATIONS

Key specifications for the MAKO AIRTEK AME-EL350 Air Filter:

- **Model:** AME-EL350
- **Brand:** MAKO AIRTEK
- **Compatibility:** Direct replacement for SMC systems (verify specific model compatibility with your system's manual).
- **Material:** High-quality filtration media and components.
- **Performance:** Engineered to meet original manufacturing standards for filtration efficiency.

8. WARRANTY INFORMATION

For specific warranty terms and conditions regarding your MAKO AIRTEK AME-EL350 Air Filter, please refer to the purchase documentation or contact MAKO AIRTEK directly. Warranty coverage typically applies to manufacturing defects and does not cover normal wear and tear or damage resulting from improper installation or misuse.

9. CUSTOMER SUPPORT

Should you have any questions, require technical assistance, or encounter issues with your MAKO AIRTEK AME-EL350 Air Filter, please do not hesitate to contact our customer support team.

Contact Hours: Monday to Friday

We aim to respond to all inquiries within 1 business day (excluding public holidays).

For the most current contact information, please visit the official MAKO AIRTEK website or refer to your purchase invoice.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question