

Acouto 24mm Exhaust Muffler

Acouto 24mm Exhaust Muffler for Eberspacher Heaters

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Acouto 24mm exhaust muffler. This product is designed to reduce exhaust noise from compatible Eberspacher diesel heaters. Please read these instructions carefully before installation and retain them for future reference.



Image: The Acouto 24mm exhaust muffler, designed for diesel heaters.

2. PRODUCT FEATURES

- **High-Quality Material:** Constructed from stainless steel for excellent heat and corrosion resistance, ensuring durability.
- **Effective Noise Reduction:** Designed to significantly reduce exhaust noise from diesel heaters.
- **Flexible Installation:** Allows the exhaust pipe to expand and contract freely during heater operation and shutdown, preventing additional stress on the exhaust system.
- **Comprehensive Kit:** Includes the muffler, two clamps, one mounting bracket, and three screws for a complete installation.
- **Standard Dimensions:** Outer diameter of 24mm (0.94 inches) and inner diameter of 18.5mm (0.73 inches).



Made of high quality stainless steel, has sufficient heat resistance and corrosion resistance, extremely durable.



Image: Close-up of the stainless steel muffler, showcasing its robust material.

3. COMPATIBILITY

This exhaust muffler is compatible with various Eberspacher diesel heaters, including but not limited to:

- Eberspacher Airtronic D2
- Eberspacher Airtronic D4
- Eberspacher Airtronic D4S
- Eberspacher D1LC
- Eberspacher D1LC Compact
- Eberspacher D3LC
- Eberspacher D3LC Compact
- Eberspacher D5LC

4. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Acouto 24mm Exhaust Muffler
- 2 x Exhaust Pipe Clamps
- 1 x Mounting Bracket
- 3 x Mounting Screws



Image: All components included in the package, ready for installation.

5. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of the exhaust muffler. Ensure the heater is turned off and cooled down before beginning.

1. **Prepare the Exhaust Pipe:** Ensure the existing exhaust pipe from your Eberspacher heater is clean and free from obstructions. The muffler is designed for 24mm diameter exhaust pipes.
2. **Position the Muffler:** Slide the muffler onto the exhaust pipe. Ensure a snug fit. The muffler's design allows for thermal expansion and contraction of the exhaust pipe.
3. **Secure with Clamps:** Use the provided exhaust pipe clamps to secure the muffler firmly to the exhaust pipe at both ends. Tighten the clamps sufficiently to prevent leaks but avoid over-tightening, which could damage the pipe.
4. **Mount the Bracket:** Attach the mounting bracket to a suitable, stable surface near the muffler using the provided screws. This bracket helps support the muffler and reduce vibration.
5. **Connect Muffler to Bracket:** Secure the muffler to the mounting bracket. Ensure the muffler is positioned to avoid contact with other vehicle components and allows for proper heat dissipation.

6. **Check Connections:** After installation, visually inspect all connections to ensure they are secure and there are no potential exhaust leaks.



24mm/0.94inch Exhaust Pipe Silencer Muffler Clamps Bracket for Eberspacher Diesel Heater



Image: Example of muffler placement in a vehicle exhaust system.

6. OPERATION

The Acouto exhaust muffler operates passively as part of your Eberspacher heater's exhaust system. Once correctly installed, it functions automatically to reduce exhaust noise during heater operation. No user interaction is required for its function.

The design allows the exhaust pipe to expand and contract during heating and cooling cycles without placing undue stress on the muffler or connections, contributing to the safety and reliability of the exhaust system.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your exhaust muffler.

- **Periodic Inspection:** Regularly inspect the muffler and all connections (clamps, bracket) for signs of wear, corrosion, or looseness.
- **Check for Leaks:** Periodically check for any exhaust leaks, especially around the connections. Leaks can reduce the muffler's effectiveness and pose safety risks.

- **Cleaning:** Clean the exterior of the muffler as needed to remove dirt and debris. Use a damp cloth; avoid abrasive cleaners that could damage the stainless steel finish.
- **Tighten Fasteners:** Re-tighten clamps and mounting screws if they appear loose.
- **Damage Assessment:** If the muffler shows signs of significant damage, such as cracks, holes, or severe corrosion, it should be replaced to maintain proper function and safety.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Muffler is still loud / Ineffective noise reduction	<ul style="list-style-type: none"> • Loose connections or exhaust leaks. • Muffler internal damage. • Incorrect muffler size for the heater. 	<ul style="list-style-type: none"> • Check and tighten all clamps and connections. • Inspect the muffler for cracks or holes; replace if damaged. • Verify the muffler's compatibility and size (24mm) with your heater's exhaust pipe.
Exhaust leaks detected	<ul style="list-style-type: none"> • Clamps are not tight enough. • Damaged exhaust pipe or muffler. • Improper seating of the muffler on the pipe. 	<ul style="list-style-type: none"> • Re-tighten clamps securely. • Inspect the exhaust pipe and muffler for damage; repair or replace as necessary. • Ensure the muffler is fully seated and aligned correctly on the exhaust pipe.
Muffler rattling or vibrating	<ul style="list-style-type: none"> • Loose mounting bracket or clamps. • Muffler contacting other vehicle components. 	<ul style="list-style-type: none"> • Check and tighten the mounting bracket and clamps. • Adjust the muffler's position to ensure adequate clearance from other parts.

9. SPECIFICATIONS

Specification	Detail
Brand	Acouto
Material	Stainless Steel
Length	16.5 cm (6.5 inches)
Width	8.7 cm (3.42 inches)
Outer Pipe Diameter	24 mm (0.94 inches)
Inner Pipe Diameter	18.5 mm (0.73 inches)
Weight	295 g

Specification	Detail
Compatible Heater Types	Eberspacher Airtronic D2, D4, D4S, D1LC, D1LC Compact, D3LC, D3LC Compact, D5LC
Manufacturer Part Number	Acoutow5m69cdfsu
UPC	736077361712



Image: Detailed dimensions of the exhaust muffler.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or assistance with your Acouto exhaust muffler, please contact the manufacturer directly through their official website or the retailer where the product was purchased.

Keep your proof of purchase for any warranty claims.

You can visit the Acouto store on Amazon for more information: [Acouto Store](#)