

## Head tube 2051/3065

# Air Compressor Exhaust Tube User Manual

Model: Head tube 2051/3065



## PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the Generic Air Compressor Exhaust Tube, specifically the Head tube 2051/3065 model. This component is crucial for the safe and efficient operation of your air compressor system.

The exhaust tube features a 3/4-16UNF threaded port, ensuring a secure and stable connection within your air compressor. Its robust structure is designed for reliable performance and enhanced work safety. With an outer diameter of approximately 12mm (0.47in), this hose is widely utilized as an exhaust pipe for various air compressor models.

Constructed primarily from copper-coated aluminum alloy, the tube offers excellent durability and resistance, ensuring a long service life even under demanding conditions. Its compact size and lightweight design facilitate convenient and straightforward installation.







Image 2: A vertical side view of the exhaust tube, emphasizing its corrugated structure and the internal copper-coated aluminum alloy material visible through the corrugations.



Image 3: A detailed view of one end of the exhaust tube, showing the 3/4-16UNF threaded port. This image also provides a closer look at the internal structure and material.



Image 4: A hand holding the exhaust tube, illustrating its compact size and ease of handling. This perspective helps in understanding the physical dimensions of the component.



Image 5: An angled view of the exhaust tube, providing another perspective of its corrugated design and the hexagonal nuts at each end for secure fastening.



Image 6: A top-down view of the exhaust tube, showing the full length and the consistent corrugation along its body. This view emphasizes the uniform construction.



Image 7: The exhaust tube shown with a slight bend, demonstrating its flexibility while maintaining structural integrity. This highlights its adaptability in installation.



Image 8: A close-up of one end of the exhaust tube, focusing on the internal threading and the opening. This view is useful for understanding the connection mechanism.



Image 9: Another view of the exhaust tube, providing a clear perspective of the threaded port and the internal structure, emphasizing the quality of the connection point.

## SPECIFICATIONS

Attribute	Value
Item Type	Air Compressor Exhaust Tube
Brand	Generic
Model	Head tube 2051/3065
Thread Interface	3/4-16UNF
Aluminium Tube Outer Diameter	Approx. 12mm / 0.47in
Material	Copper-coated Aluminium Alloy
Function	Air Compressor Exhaust Tube
Item Weight	5.8 ounces (164 Grams)
Product Dimensions	9.84 x 1.18 x 0.04 inches (9.84"L x 1.18"W)
Country of Origin	China
Manufacturer	Generic
Length (Distance Between Ports) for Model 2051/3065	18cm / 7.09in
Length (Distance Between Ports) for Model 2065	23cm / 9.06in
Length (Distance Between Ports) for Model 1051	25cm / 9.84in

## SETUP AND INSTALLATION

The Air Compressor Exhaust Tube is designed for straightforward installation. Please follow these general guidelines:

1. **Safety First:** Before beginning any installation, ensure that the air compressor is completely powered off and all pressure has been safely released from the system. Failure to do so can result in serious injury.
2. **Inspect the Tube:** Carefully inspect the new exhaust tube for any signs of damage, kinks, or ruptures before installation. Do not install a damaged tube.
3. **Remove Old Component:** If replacing an existing exhaust tube, carefully disconnect and remove the old component. Be mindful of any residual pressure or hot surfaces.
4. **Connect the Tube:** Align the 3/4-16UNF threaded ports of the new exhaust tube with the corresponding connections on your air compressor. Hand-tighten first to ensure proper alignment, then use an appropriate wrench to secure the connections firmly. Avoid over-tightening, which can strip threads or damage the tube.
5. **Check for Leaks:** After installation, slowly repressurize the air compressor and check for any air leaks around the newly installed tube connections. Use a soapy water solution to detect small leaks if necessary.

The compact size and lightweight nature of the tube make the installation process convenient. If you encounter any difficulties, consult a qualified technician.

## OPERATING GUIDELINES

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The Air Compressor Exhaust Tube functions as a critical component in your air compressor system, facilitating the proper discharge of air. Once correctly installed, it operates passively as part of the compressor's air management system.

- **Intended Use:** This tube is designed specifically for use as an exhaust pipe in air compressor systems. Do not use it for purposes other than its intended function.
- **System Integration:** Ensure that the exhaust tube is integrated into a properly functioning air compressor system. Its performance is dependent on the overall health and correct operation of the compressor.
- **Environmental Conditions:** While durable, avoid exposing the tube to extreme temperatures or corrosive environments that are beyond the typical operating conditions of an air compressor.

## MAINTENANCE

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Regular inspection and maintenance are essential to ensure the longevity and safe operation of your Air Compressor Exhaust Tube.

- **Routine Inspection:** Periodically inspect the exhaust tube for any signs of wear, corrosion, kinks, cracks, or ruptures. Pay close attention to the threaded connections for any signs of leakage or loosening.
- **Cleanliness:** Keep the exterior of the tube clean from excessive dust, dirt, or debris that could accumulate and potentially affect its integrity over time.
- **Replacement:** If any damage, kinks, or ruptures are found during inspection, the exhaust tube must be replaced immediately to prevent accidents and maintain the efficiency of your air compressor. Do not attempt to repair a damaged tube.
- **Connection Integrity:** Ensure that the threaded connections remain tight. If any loosening is detected, re-tighten them carefully, ensuring not to over-tighten.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with the Air Compressor Exhaust Tube.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Air Leakage at Connections	Loose connections, damaged threads, worn sealing washer (if applicable).	Ensure air compressor is depressurized. Tighten connections. Inspect threads for damage. If damage is present, replace the tube.
Tube is Kinked or Ruptured	Physical damage, improper handling during installation, material fatigue.	Immediately replace the exhaust tube. Do not attempt to straighten or repair a kinked or ruptured tube as it compromises safety and function.
Reduced Air Compressor Performance	Blocked or partially obstructed exhaust tube (unlikely for this product type, but possible if foreign objects enter).	Inspect the tube for any internal obstructions. If found, replace the tube. Also, check other components of the air compressor system.

For issues not listed here or if problems persist after attempting the solutions, it is recommended to consult a qualified air compressor technician.

## **WARRANTY AND SUPPORT**

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Specific warranty information for this Generic Air Compressor Exhaust Tube is not provided in this manual. For details regarding warranty coverage, terms, and conditions, please refer to the product listing on the retailer's website or contact the seller directly.

For technical support or further inquiries, please reach out to the seller, Rammeoy, through the platform where the product was purchased. Ensure you have your purchase details readily available when contacting support.

