

## Eheim 8585

# Eheim AEH7428680 Seal Ring Adopter 2076/2078 User Manual

Model: 8585 | Brand: Eheim

## 1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of the Eheim AEH7428680 Seal Ring Adopter. This product is designed for use with Eheim aquarium water pumps, specifically models 2076 and 2078, ensuring a secure and leak-free connection within your filtration system. It is manufactured in Germany, offering reliability and ease of use.

- Easy to use and set up.
- Adds great value to your aquarium pump system.
- Manufactured in Germany for quality assurance.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before handling or installing the seal ring. Failure to follow these instructions may result in damage to the product, injury, or property damage.

- Always disconnect power to the aquarium pump before performing any maintenance or installation.
- Ensure hands are dry when handling electrical components.
- Keep out of reach of children and pets.
- Use only genuine Eheim replacement parts to ensure proper fit and function.
- Inspect the seal ring for any damage before installation. Do not use if damaged.

## 3. SETUP AND INSTALLATION

The Eheim AEH7428680 Seal Ring Adopter is designed for straightforward installation. It is crucial to ensure the correct placement to prevent leaks and maintain optimal pump performance.



*Figure 3.1: Eheim AEH7428680 Seal Ring Adopter. This image displays four black rubber O-rings, which are the seal rings for the aquarium water pump. They are essential for creating a watertight seal within the pump system.*

1. **Preparation:** Before beginning, ensure your Eheim aquarium water pump (models 2076 or 2078) is disconnected from the power supply and drained of water.
2. **Access the Seal Area:** Refer to your specific Eheim pump's manual for instructions on how to access the area where the seal ring needs to be replaced or installed. This typically involves disassembling certain pump components.
3. **Remove Old Seal (if applicable):** Carefully remove any old or worn seal rings. Note their orientation and position for correct installation of the new seal.
4. **Install New Seal:** Place the new Eheim AEH7428680 Seal Ring Adopter into its designated groove or position. Ensure it sits flush and is not twisted or pinched. The seal should fit snugly to create a proper seal.
5. **Reassemble:** Reassemble the pump components according to your pump's manual. Double-check that all connections are secure.
6. **Test for Leaks:** After reassembly, slowly refill the pump system and check for any leaks before fully powering on the pump. Address any leaks immediately by re-checking the seal's placement.

## 4. OPERATING PRINCIPLES

The Eheim AEH7428680 Seal Ring Adopter functions as a critical component in maintaining the integrity of your Eheim aquarium water pump's filtration system. Its primary role is to create a watertight seal between different sections of the pump, preventing water leakage and ensuring efficient water flow.

When properly installed, the seal ring helps the pump maintain optimal pressure and suction, contributing to effective filtration and water circulation within your aquarium. A properly sealed system also helps in the efficient operation of features like the pre-filter, which extends cleaning intervals.

## 5. MAINTENANCE

Regular inspection and timely replacement of the seal ring are crucial for the longevity and performance of your Eheim aquarium water pump. Over time, seal rings can wear out, harden, or crack, leading to leaks and reduced pump efficiency.

- **Inspection:** Periodically inspect the seal rings during routine pump maintenance or when you notice any signs of leakage around the pump connections. Look for cracks, flattening, or signs of

degradation.

- **Replacement:** The most important maintenance for this product is to **replace worn seals**. If a seal ring shows any signs of wear or damage, it should be replaced immediately with a new Eheim AEH7428680 Seal Ring Adopter to prevent potential leaks and maintain optimal pump function.
- **Cleaning:** While the seal ring itself doesn't require extensive cleaning, ensure the grooves and surfaces where it sits are clean and free of debris before installation to ensure a proper seal.

## 6. TROUBLESHOOTING

Troubleshooting issues related to the seal ring primarily involves addressing leaks or improper fit. Since this is a passive component, most problems stem from incorrect installation or a worn-out part.

Problem	Possible Cause	Solution
Water Leakage from Pump Connections	<ul style="list-style-type: none"><li>• Worn, cracked, or hardened seal ring.</li><li>• Improperly seated or twisted seal ring.</li><li>• Debris caught under the seal.</li></ul>	<ul style="list-style-type: none"><li>• Disconnect power, disassemble, and inspect the seal ring.</li><li>• <b>Replace worn seals</b> with a new Eheim AEH7428680 Seal Ring Adopter.</li><li>• Ensure the seal is clean and properly seated in its groove.</li><li>• Reassemble carefully and test for leaks.</li></ul>
Reduced Pump Performance / Air Intake	<ul style="list-style-type: none"><li>• Minor leak allowing air into the system.</li></ul>	<ul style="list-style-type: none"><li>• Check all seal rings for proper seating and condition. Replace if necessary.</li><li>• Ensure all pump connections are tight and secure.</li></ul>

## 7. SPECIFICATIONS

Model Number	8585
Brand	Eheim
Material	Rubber
UPC	720686744592
Manufacturer	TopDawg Pet Supply
Unit Count	1 Count (This product is sold as a single unit, but contains multiple rings as shown in the image)
Item Weight	0.353 ounces
Product Dimensions (LxWxH)	1 x 1 x 1 inches (approximate, for individual rings)
Compatible Models	Eheim 2076, Eheim 2078

## 8. WARRANTY INFORMATION

---

Specific warranty details for the Eheim AEH7428680 Seal Ring Adopter are not provided in this manual. For information regarding product warranty, please refer to the official Eheim website or contact Eheim customer support directly. Keep your proof of purchase for any warranty claims.

## 9. CUSTOMER SUPPORT

---

For further assistance, technical support, or inquiries regarding the Eheim AEH7428680 Seal Ring Adopter, please contact Eheim customer service or visit their official website. You can typically find contact information on the Eheim packaging or their corporate website.

*Note: Always refer to the primary manual of your Eheim aquarium water pump (models 2076/2078) for comprehensive instructions on pump assembly and disassembly, as this manual focuses specifically on the seal ring adopter.*