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› [Aldes EHL 6-45L 39dB Acoustic Hygro-Adjustable Air Inlet Kit Manual - White \(Model 11014085\)](#)

## ALDES 11014085

# Aldes EHL 6-45L 39dB Acoustic Hygro-Adjustable Air Inlet Kit

Model: 11014085 | Brand: ALDES

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## 1. INTRODUCTION

This manual provides comprehensive instructions for the Aldes EHL 6-45L 39dB Acoustic Hygro-Adjustable Air Inlet Kit, model 11014085. This kit is designed to regulate airflow and reduce noise, ensuring optimal indoor air quality. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of the product.



Figure 1: Aldes EHL 6-45L 39dB Acoustic Hygro-Adjustable Air Inlet Kit. This image shows the compact, rectangular design of the white air inlet unit.

## 2. SAFETY INSTRUCTIONS

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Always follow basic safety precautions when installing or maintaining this product to reduce the risk of injury or damage.

- **Professional Installation Recommended:** Installation should ideally be performed by a qualified professional to ensure compliance with local building codes and proper functionality.
- **Read Instructions:** Read all instructions carefully before beginning installation.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE) such as gloves and eye protection during installation.
- **Inspect for Damage:** Before installation, inspect the product for any signs of damage. Do not install damaged components.
- **Proper Ventilation:** Ensure adequate ventilation during and after installation.
- **Keep Out of Reach of Children:** This product is not a toy. Keep it out of reach of children.
- **Disposal:** Dispose of packaging materials responsibly and according to local regulations.

## 3. PACKAGE CONTENTS

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

- 1 x Aldes EHL 6-45L 39dB Acoustic Hygro-Adjustable Air Inlet Unit
- Installation accessories (e.g., mounting screws, seals - *may vary by kit version*)
- User Manual (this document)

## 4. SETUP & INSTALLATION

This section outlines the general steps for installing the Aldes EHL air inlet. Specific installation details may vary based on the type of wall or window and local building codes. Consult a professional if unsure.

1. **Choose Location:** Select an appropriate location for the air inlet, typically on an exterior wall or window frame, ensuring it is not obstructed.
2. **Prepare Opening:** Create an opening in the wall or window frame according to the dimensions specified in the product's technical data sheet (not provided in this manual, refer to manufacturer's website).
3. **Install Outer Grille (if applicable):** Secure the exterior grille to the outside of the opening.
4. **Insert Air Inlet Unit:** Carefully insert the Aldes EHL air inlet unit into the prepared opening from the interior side.
5. **Secure Unit:** Use the provided mounting screws to firmly secure the air inlet unit to the wall or window frame. Ensure it is level and sealed properly to prevent air leaks.
6. **Apply Seals:** Apply any necessary seals or gaskets to ensure airtightness and acoustic performance.
7. **Test Functionality:** After installation, verify that the air inlet's hygro-adjustable mechanism moves freely and that airflow is established.

*Note: For detailed diagrams and specific mounting instructions, please refer to the technical documentation provided by ALDES or consult their official website.*

## 5. OPERATING INSTRUCTIONS

The Aldes EHL air inlet is a hygro-adjustable device, meaning its airflow capacity automatically adapts based on the humidity level in the room. This ensures optimal ventilation without manual intervention.

- **Automatic Adjustment:** The internal sensor detects changes in ambient humidity. As humidity increases (e.g., during showering or cooking), the air inlet opens further to allow more fresh air in. As humidity decreases, it reduces the airflow.
- **Acoustic Performance:** The "39dB" rating indicates its acoustic attenuation capabilities, designed to reduce external noise transmission while maintaining ventilation.
- **No User Controls:** This unit operates automatically and does not typically feature manual controls for airflow adjustment. Its design is intended for passive, demand-controlled ventilation.

## 6. MAINTENANCE

Regular maintenance ensures the efficient and long-lasting operation of your Aldes EHL air inlet.

- **Cleaning Frequency:** It is recommended to clean the air inlet at least once a year, or more frequently in dusty environments.
- **Cleaning Procedure:**
  - a. Gently remove the front cover of the air inlet.
  - b. Use a soft brush or a vacuum cleaner with a brush attachment to remove dust and debris from the grille and

internal components.

- c. Wipe the exterior surfaces with a damp cloth. Do not use abrasive cleaners or solvents.
- d. Ensure the humidity sensor (if visible) is free from dust and obstructions.
- e. Reattach the front cover securely.

- **Do Not Obstruct:** Ensure that the air inlet is never blocked by furniture, curtains, or other objects, as this will impair its performance.
- **Inspection:** Periodically inspect the unit for any signs of damage or wear.

## 7. TROUBLESHOOTING

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If you encounter issues with your Aldes EHL air inlet, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Insufficient Airflow	<ul style="list-style-type: none"><li>◦ Air inlet or outer grille is obstructed.</li><li>◦ Dust accumulation on internal components.</li><li>◦ Humidity sensor is blocked or faulty.</li><li>◦ Incorrect installation or sealing.</li></ul>	<ul style="list-style-type: none"><li>◦ Check for and remove any obstructions.</li><li>◦ Clean the air inlet as described in the Maintenance section.</li><li>◦ Ensure the humidity sensor is clear. If still faulty, contact support.</li><li>◦ Verify proper installation and sealing.</li></ul>
Excessive Noise	<ul style="list-style-type: none"><li>◦ Loose components or improper sealing.</li><li>◦ External noise sources.</li><li>◦ Air inlet operating at maximum flow due to high humidity.</li></ul>	<ul style="list-style-type: none"><li>◦ Check mounting screws and seals.</li><li>◦ Identify and address external noise sources.</li><li>◦ This is normal operation. Ensure the unit is clean.</li></ul>
Unit Not Adjusting	<ul style="list-style-type: none"><li>◦ Humidity sensor is dirty or damaged.</li><li>◦ Mechanical obstruction of the adjustment mechanism.</li></ul>	<ul style="list-style-type: none"><li>◦ Clean the humidity sensor. If still unresponsive, the sensor may be faulty.</li><li>◦ Inspect for any physical obstructions preventing movement.</li></ul>

If the problem persists after attempting these solutions, please contact Aldes customer support or a qualified technician.

## 8. SPECIFICATIONS

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Key technical specifications for the Aldes EHL 6-45L 39dB Acoustic Hygro-Adjustable Air Inlet Kit.

- **Model Number:** 11014085 (also AJA50015)
- **Brand:** ALDES
- **Type:** Hygro-Adjustable Acoustic Air Inlet Kit
- **Airflow Range:** 6 to 45 Liters per second (L/s)
- **Acoustic Attenuation:** 39 dB
- **Color:** White
- **Shape:** Rectangular
- **Manufacturer:** ALDES AERAULIQUE
- **Included Components:** 1 Product (Air Inlet Unit)
- **Batteries Required:** No
- **Product Category:** Performance Part (HVAC, Ducts)
- **ASIN:** B00DCK2EMW

## 9. WARRANTY & SUPPORT

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For warranty information, technical support, or to inquire about spare parts, please contact ALDES directly.

- **Manufacturer:** ALDES AERAULIQUE
- **Website:** [www.aldes.com](http://www.aldes.com)
- **Customer Service:** Refer to the ALDES website for regional contact information.
- **Spare Parts:** Information regarding spare parts availability is not provided in the product specifications. Please contact ALDES customer service for details.

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