Generic AL-572

150 cm Air Curtain - 3 Motors - Eskimo Style User Manual

Brand: Generic | **Model:** AL-572

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Generic 150 cm Air Curtain. Please read this manual thoroughly before installation and use, and keep it for future reference.

Important Note:

This air curtain is designed to create an air barrier to isolate indoor and outdoor environments. It is **not** an air conditioner and will not generate cold or hot air. Do not purchase or use this unit if your primary need is for air conditioning or heating.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the voltage specified on the product label.
- Do not operate the air curtain with a damaged cord or plug.
- Keep hands and objects clear of the air inlet and outlet during operation.
- Do not install in areas with high humidity or direct water exposure.
- Disconnect power before cleaning or performing any maintenance.
- Installation and repairs should only be performed by qualified personnel.

3. PRODUCT OVERVIEW

The Generic 150 cm Air Curtain is a powerful device designed to create an invisible barrier of air over

doorways, effectively separating indoor and outdoor climates and preventing the entry of dust, insects, and pollutants.

Key Features:

- Remote Control operation for convenience.
- Wired electric power source for consistent performance.
- Optional door switch for automatic operation.

Components:

The air curtain consists of a robust metal casing, powerful motors, and efficient fans to generate a high-speed air stream.

Figure 3.1: Front and bottom view of the air curtain, showing the air grilles and control switch.

Figure 3.2: Detailed view of the integrated Lo/Off/Hi speed switch on the air curtain.

4. SETUP AND INSTALLATION

This air curtain is designed for wall-mount installation. Proper installation is crucial for optimal performance and safety.

Installation Type:

- Wall Mount

Mounting Considerations:

- Ensure the mounting surface is strong enough to support the unit's weight (approximately 10.7 kg).
- Install the unit directly above the entrance, ensuring the air stream covers the entire width of the opening.
- Maintain adequate clearance around the unit for proper airflow and maintenance.

Figure 4.1: Side profile of the air curtain, showing its compact design and energy efficiency label.

Figure 4.2: Angled view highlighting the top air intake grille and the energy efficiency label on the side.

5. OPERATING INSTRUCTIONS

Your air curtain can be operated using the included remote control or, if installed, the optional door switch.

Control Methods:

- **Remote Control:** Use the remote to turn the unit On/Off and adjust fan speed (Lo/Hi).
- **Manual Switch:** The unit features a Lo/Off/Hi speed switch directly on the device for manual control.

Optional Door Switch Functionality:

If the optional door switch is installed and connected, the air curtain will operate automatically:

- The air curtain will turn on automatically when the door opens.
- The air curtain will turn off automatically when the door closes.

If the door switch is not installed, the unit will operate continuously for up to 8 hours when the Lo/Off/Hi speed

switch is pressed to the 'Lo' or 'Hi' position.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air curtain.

- **Cleaning:** Periodically clean the exterior casing and air grilles with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Internal Cleaning:** For internal cleaning of fan blades and motor, it is recommended to consult a qualified technician.
- **Inspection:** Regularly inspect the power cord and plug for any signs of damage.

Caution: Always disconnect the power supply before performing any cleaning or maintenance.

7. TROUBLESHOOTING

If you encounter issues with your air curtain, refer to the following common troubleshooting steps. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord damaged; Switch in 'Off' position; Remote control battery low.	Check power outlet; Inspect cord/plug; Ensure switch is 'Lo' or 'Hi'; Replace remote batteries.
Weak airflow	Air inlets/outlets blocked; Fan blades dirty.	Clear obstructions; Clean grilles; (For internal cleaning, consult technician).
Unusual noise	Loose components; Foreign object in fan; Unit not mounted securely.	Check mounting; Inspect for foreign objects (with power off); If noise persists, contact support.

8. SPECIFICATIONS

Specification	Detail
Brand Name	Generic
Model Information	AL-572
Product Dimensions (D x W x H)	10 mm x 10 mm x 10 mm

Specification	Detail
Item Weight	10.7 Kilograms
Efficiency	High
Installation Type	Wall Mount
Part Number	AL-572
Form Factor	Freestanding (Note: Designed for Wall Mount)
Special Features	Door Switch
ASIN	B0CLVR8WTV
Best Sellers Rank	#29,687 in Home & Kitchen (#1,242 in Heating & Cooling)
Date First Available	October 26, 2023
Power Source	Wired Electric
Warranty Type	Limited
Control Method	Remote
Inverter Type	Without Converter
Controller Type	Controller

9. WARRANTY AND SUPPORT

Warranty Information:

This product comes with a **Limited Warranty**. Please refer to the warranty card included with your purchase for specific terms and conditions, duration, and coverage details.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact the retailer or manufacturer's customer support. Contact information can typically be found on the product packaging or the retailer's website.