

N'OVEEN HC2100

N'OVEEN HC2100 LED Air Curtain User Manual

Model: HC2100 | Brand: N'OVEEN

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1. INTRODUCTION

Thank you for purchasing the N'OVEEN HC2100 LED Air Curtain. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new appliance. Please read this manual thoroughly before use and retain it for future reference.

The N'OVEEN HC2100 LED Air Curtain is designed to create an invisible barrier of air across a doorway, helping to maintain indoor temperatures, reduce energy loss, and prevent the entry of dust, insects, and pollutants. It features both cold and hot air functions, a 24-hour timer, and a convenient remote control.

2. IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using this air curtain.
- Ensure the power supply voltage matches the rating label on the appliance.
- Do not operate the air curtain with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- Do not use the air curtain in wet or damp locations, such as bathrooms or laundries.
- Keep the air inlet and outlet clear of obstructions.
- Do not insert fingers or foreign objects into any openings.
- Unplug the air curtain from the power outlet when not in use or before cleaning.
- Installation must be performed by a qualified technician in accordance with local electrical codes.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

3. PRODUCT OVERVIEW

The N'OVEEN HC2100 LED Air Curtain is designed for efficient air separation and temperature control. Below is an image illustrating the product and its key features.



Figure 1: N'OVEEN HC2100 LED Air Curtain (packaging view). The image displays the white air curtain unit with an LED display, a remote control, and highlights features such as a 24-hour timer, hot/cold air function, and LED display.

Key Features:

- **LED Display:** Provides clear indication of settings and operating status.
- **Remote Control:** Allows convenient adjustment of settings from a distance.
- **24-Hour Timer:** Program the air curtain to operate at specific times.
- **Hot/Cold Air Function:** Select between cold air for summer and hot air for winter to suit environmental needs.
- **Air Filter:** Integrated air filter for improved air quality.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and safety of your air curtain. It is recommended that installation be carried out by a qualified professional.

4.1 Unpacking

1. Carefully remove the air curtain from its packaging.
2. Check for any signs of damage during transit. If damage is found, do not install and contact your supplier.

3. Ensure all components are present: air curtain unit, remote control, and mounting accessories (if included).

4.2 Mounting Location

- Install the air curtain directly above the doorway it is intended to cover.
- Ensure there is sufficient clearance around the unit for proper airflow and maintenance.
- The mounting surface must be strong enough to support the weight of the unit (approximately 3.3 kg).
- Avoid installing near flammable materials or in areas with excessive moisture.

4.3 Installation Steps

1. **Marking:** Hold the air curtain in the desired position above the doorway and mark the drilling points for the mounting brackets. Ensure the unit is level.
2. **Drilling:** Drill holes at the marked positions using an appropriate drill bit for your wall type. Insert wall plugs if necessary.
3. **Mounting:** Secure the mounting brackets to the wall using screws.
4. **Attaching the Unit:** Carefully lift the air curtain and attach it to the mounting brackets. Ensure it is securely fastened.
5. **Electrical Connection:** Connect the air curtain to a suitable power outlet. The unit operates on a standard electrical cable. Ensure the power supply matches the unit's requirements (1000 Watts).
6. **Initial Check:** Once installed, ensure the unit is stable and the power cable is not pinched or strained.

5. OPERATING INSTRUCTIONS

The N'OVEEN HC2100 LED Air Curtain can be operated using the control panel on the unit or the included remote control.

5.1 Remote Control

The remote control provides full functionality for operating the air curtain. Ensure batteries are correctly inserted.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes (e.g., Fan Only, Low Heat, High Heat).
- **Temperature/Air Type Button:** Selects between cold air (fan only) and hot air (heating element activated).
- **Timer Button:** Activates and sets the 24-hour timer function. Press repeatedly to adjust the desired operating duration.
- **Fan Speed Button:** Adjusts the fan speed (if applicable).

5.2 LED Display

The LED display on the unit shows the current operating mode, timer settings, and other relevant information.

5.3 Setting the Timer

To set the 24-hour timer:

1. With the unit ON or OFF, press the "Timer" button on the remote control.

2. The LED display will show a flashing time value.
3. Use the appropriate buttons (e.g., +/- or repeated presses of the Timer button) to set the desired ON or OFF time.
4. Confirm the setting (refer to specific remote control instructions if available, otherwise, it usually confirms automatically after a few seconds).

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your N'OVEEN HC2100 LED Air Curtain.

6.1 Cleaning the Exterior

- Always unplug the unit before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- Ensure no water enters the internal components.

6.2 Cleaning the Air Filter

The air curtain is equipped with an air filter to prevent dust accumulation. Clean the filter regularly (e.g., monthly, or more frequently depending on usage and environment).

1. Unplug the air curtain from the power supply.
2. Locate the air filter access panel (usually on the top or side of the unit).
3. Open the panel and carefully remove the air filter.
4. Clean the filter using a vacuum cleaner to remove loose dust, or wash it gently with lukewarm water and mild detergent.
5. Allow the filter to dry completely before reinserting it.
6. Close the access panel securely.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn ON.	No power supply. Power button not pressed. Remote control batteries depleted.	Check power plug and outlet. Press the power button on the unit or remote. Replace remote control batteries.
Weak airflow.	Air filter is dirty. Air inlet/outlet obstructed.	Clean the air filter (see Section 6.2). Remove any obstructions from the air inlet/outlet.
No hot air.	Heating element not activated. Overheat protection triggered.	Ensure "Hot Air" mode is selected. Unplug the unit, wait 10 minutes, then plug back in. Ensure proper ventilation.

Problem	Possible Cause	Solution
Remote control not working.	Batteries depleted or incorrectly inserted. Obstruction between remote and unit.	Replace batteries, check polarity. Ensure clear line of sight to the unit's receiver.

8. SPECIFICATIONS

Below are the technical specifications for the N'OVEEN HC2100 LED Air Curtain.

Brand: N'OVEEN

Model Number: HC2100

Product Dimensions (L x W x H): 2.79 x 24.64 x 16.51 cm (1.1 x 9.7 x 6.5 inches)

Item Weight: 3.3 kg (7.27 lbs)

Power: 1000 Watts

Power Source: Corded Electric

Control Method: Remote Control

Special Feature: Air Filter

Form Factor: Long and Narrow

Material: Acrylic

Color: Brown (Note: Product image shows white, but specification lists brown. User should verify based on purchase.)

Installation Type: Split System (Note: This typically refers to AC units, for air curtains it implies wall-mounted.)

9. WARRANTY AND SUPPORT

N'OVEEN products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your purchase or contact your retailer.

For technical support, spare parts, or service inquiries, please contact the N'OVEEN customer service department or your local distributor. Please have your model number (HC2100) and purchase date ready when contacting support.

Note: Information regarding spare parts availability is currently unavailable.