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> Orient Electric Snowbreeze Magnus CD8501H Desert Air Cooler User Manual

## Orient Electric CD8501H

# Orient Electric Snowbreeze Magnus CD8501H Desert Air Cooler User Manual

Model: CD8501H

## 1. INTRODUCTION

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Thank you for choosing the Orient Electric Snowbreeze Magnus CD8501H Desert Air Cooler. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air cooler. Please read these instructions carefully before use and retain them for future reference.

## 2. SAFETY INSTRUCTIONS

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- Ensure the power supply voltage matches the rating specified on the cooler.
- Do not operate the cooler with a damaged cord or plug.
- Always unplug the cooler before cleaning, filling water, or performing any maintenance.
- Keep the cooler on a stable, level surface to prevent tipping.
- Do not block the air inlet or outlet grilles.
- Keep children and pets away from the cooler during operation.
- Do not immerse the cooler in water or spray water directly onto electrical components.
- For indoor use only.

## 3. WHAT'S IN THE BOX

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Upon unpacking, please verify that all the following components are present:

- Orient Electric Snowbreeze Magnus CD8501H Air Cooler Unit
- Warranty Card
- User Manual (this document)

## 4. SETUP

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### 4.1 Placement

Place the air cooler on a firm, level surface in a well-ventilated area. For optimal cooling, position the cooler near an open window or door to allow fresh air intake and exhaust of humid air. This model is ideal for living rooms, party halls, shops, gyms, restaurants, and closed outdoor spaces.

#### 4.2 Caster Wheel Installation

The cooler comes with 4 castor wheels for easy mobility. Insert each wheel firmly into the designated slots at the bottom of the cooler until it clicks into place. Ensure all wheels are securely attached before moving the unit.

#### 4.3 Water Filling

Open the water inlet cover and fill the reservoir with clean water. The maximum capacity is 85 litres. Do not overfill. The cooler features an auto-fill function for hassle-free, uninterrupted cooling, which can be connected to a water supply for automatic refilling.



Image: The Orient Electric Snowbreeze Magnus CD8501H Desert Air Cooler, showcasing its design and key features like DenseNest Honeycomb Pads, Auto-Fill, Knobs & Ice Tray, and 4-Way Cooling.

#### 4.4 Power Connection

Plug the power cord into a suitable electrical outlet. Ensure the outlet is properly grounded and matches the cooler's power

requirements (200W).

## 5. OPERATION

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### 5.1 Control Panel

The cooler is equipped with a control panel featuring knobs for various settings. It also supports remote control operation.

### 5.2 Fan Speed Adjustment

Select from 3 fan speeds: High, Medium, or Low, using the speed control knob. The Aero fan technology ensures a strong air throw of up to 37 feet (400 sq. ft).

### 5.3 Louver Control

The cooler features fully collapsible louvers. The vertical louvers have motorized movement for wide air distribution, while the horizontal louvers can be adjusted manually to direct airflow as desired.

### 5.4 Ice Chamber Usage

For enhanced cooling, fill the integrated ice chamber with ice cubes. This helps to lower the air temperature more rapidly.



Image: An icon illustrating the ice chamber feature for quick cooling.

### 5.5 Inverter Compatibility

This air cooler is compatible with inverters, ensuring uninterrupted cooling during power cuts.

## 6. MAINTENANCE

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### 6.1 Cleaning Honeycomb Pads

The DenseNest honeycomb pads provide efficient cooling and water retention. Regularly inspect and clean the pads to prevent dust and mineral buildup. Turn off and unplug the cooler, remove the pads, and rinse them with clean water. Allow them to dry completely before reinserting.



Image: An icon illustrating the DenseNest Honeycomb Pads, highlighting their structure for efficient cooling.

### 6.2 Water Tank Cleaning

Drain and clean the water tank periodically to prevent algae growth and maintain hygiene. Use a mild detergent and soft cloth, then rinse thoroughly. Ensure the tank is dry before refilling.

### 6.3 Exterior Cleaning

Wipe the exterior of the cooler with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the ABS high-gloss durable body.

## 7. TROUBLESHOOTING

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If you encounter issues with your air cooler, refer to the following common troubleshooting steps:

- **No Power:** Check if the power cord is securely plugged in and the power outlet is functional. Ensure the main power switch on the cooler is turned on.
- **Weak Airflow:** Verify that the water tank has sufficient water. Clean the honeycomb pads if they appear clogged. Ensure no obstructions are blocking the air inlets or outlets.
- **No Cooling Effect:** Confirm that the water pump is operating. Check water level. Ensure the honeycomb pads are wet. For desert coolers, optimal cooling requires proper ventilation to allow humid air to escape.
- **Unusual Noise:** Check for any loose parts or foreign objects inside the cooler. Ensure the cooler is on a stable, level surface.
- **Water Leakage:** Inspect the water tank for cracks or improper sealing. Ensure the drain plug is securely closed.

If the problem persists after attempting these steps, please contact customer support.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Orient Electric
Model Number	CD8501H
Type	Desert Air Cooler
Reservoir Capacity	85 Liters
Air Delivery	3500 m <sup>3</sup> /hr
Air Throw	37 ft (approx. 400 sq. ft)
Wattage	200 Watts
Fan Size	16 inch
Number of Speeds	3 (High, Medium, Low)
Cooling Medium	DenseNest Honeycomb Pads
Special Features	Auto Fill, Auto Restart, Ice Chamber, 4 Castor Wheels, Inverter Compatible
Louvers	Fully Collapsible, Motorized Vertical, Manual Horizontal
Body Material	ABS High-Gloss Durable Plastic
Color	White/Grey
Controls Type	Knobs, Remote



**Air Delivery**  
3500 m<sup>3</sup>/hr  
with Air throw: 16.2m



**Tank Capacity 85 L**  
Uninterrupted cooling  
for entire night



Image: Visual representation of the cooler's air delivery (3500 m<sup>3</sup>/hr) and 85-liter tank capacity.

## 9. WARRANTY AND SUPPORT

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The Orient Electric Snowbreeze Magnus CD8501H Air Cooler comes with a **1-year warranty** on the product. Please refer to the included Warranty Card for detailed terms and conditions.

For any service-related queries or assistance, please contact the authorized service center:

**Smart Care: 1800 103 7574**

Smart Care

**1800 103 7574**  
Authorized Service Center

**Snowbreeze Magnus 85**

111 cm

Average human height 173 cm

Image: The Snowbreeze Magnus 85 cooler's height (111 cm) shown in comparison to an average human height (173 cm), along with Smart Care contact information.