

## Orient Electric CD1251H

# Orient Electric Smartchill 125L Desert Air Cooler User Manual

Model: CD1251H

[Introduction](#) [Safety](#)  
[Instructions](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty](#)  
& [Support](#)

## 1. INTRODUCTION

Thank you for choosing the Orient Electric Smartchill 125L 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 using the appliance and retain them for future reference.

This desert air cooler is designed to provide effective cooling for residential and commercial spaces up to 538 square feet, featuring a large 125-liter water reservoir, Densenest Honeycomb Pads, and multi-directional airflow.

## 2. SAFETY INSTRUCTIONS

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

- Ensure the power supply voltage matches the cooler's rating (230 Volts).
- Do not operate the cooler with a damaged cord or plug.
- Keep the cooler away from heat sources and direct sunlight.
- Do not immerse the cooler or its electrical parts in water.

- Always unplug the cooler before cleaning, filling, or performing any maintenance.
- Ensure the cooler is placed on a stable, level surface.
- Do not allow children to operate the cooler unsupervised.
- Avoid placing objects on top of the cooler or blocking air inlets/outlets.
- Use only clean water in the reservoir.

### **3. PACKAGE CONTENTS**

Verify that all items are present in the package:

- Main unit (Orient Electric Smartchill 125L Desert Air Cooler)
- User Manual

## **4. SETUP**

### **4.1 Unpacking**

Carefully remove the air cooler from its packaging. Inspect the unit for any damage incurred during transit. Retain the packaging for future storage or transport.

### **4.2 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. The cooler is suitable for rooms up to 538 square feet.

**Enjoy superior cooling**  
throughout the room



**Air delivery 5500 m<sup>3</sup>/ hour**

**Long air throw up to 60 ft**

**125L**



Image: The Orient Electric Smartchill 125L Desert Air Cooler positioned in a room, illustrating its capacity for superior cooling and high air delivery.

#### **4.3 Wheel Installation (if applicable)**

If the wheels are not pre-installed, attach them securely to the base of the cooler. Ensure all wheels are properly fastened before moving the unit. Exercise caution when moving the cooler, especially when the water tank is full, as the wheels may not be designed for heavy loads over rough surfaces.

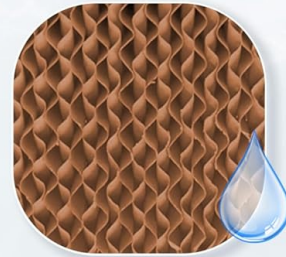
#### **4.4 Filling the Water Reservoir**

Open the water inlet and fill the reservoir with clean water. The cooler has a 125-liter capacity. Monitor the water level indicator to avoid overfilling. For enhanced cooling, you may add ice to the dedicated ice chamber.

## Experience unmatched cooling



3-side DenseNest®  
Honeycomb pads



*Retains 45% more water,  
gives 25% extra cooling*



Ice chamber  
for quick cooling

Image: The air cooler showcasing its Densenest Honeycomb pads and the ice chamber for quick cooling.

## 5. OPERATING INSTRUCTIONS

The Orient Electric Smartchill 125L Desert Air Cooler operates manually with knob controls.

## Comfort & convenience at its best



Water level indicator



3-speed settings



360-swivel wheels



Works seamlessly with inverter

Image: Close-up of the cooler's control panel with speed and function knobs, water level indicator, and swivel wheels.

### 5.1 Powering On/Off

Plug the power cord into a suitable 230V electrical outlet. Turn the 'Function' knob to the 'Cool' position to start the cooling function. Turn the 'Speed' knob to select your desired fan speed. To turn off, set both knobs to the 'Off' position and unplug the unit.

### 5.2 Speed Control

The cooler features 3 fan speed settings. Use the 'Speed' knob to adjust the airflow intensity according to your comfort level.

### 5.3 Airflow Direction (Louvers)

The cooler is equipped with multi-directional airflow and 4-way deflection louvers. Adjust the horizontal and vertical louvers manually to direct the cool air as needed. The louvers are fully collapsible, which helps prevent dust and insects from entering the unit when not in use.

## Multi-directional airflow with 4-way deflection louvres



**Ideal for rooms up to 538 sq. ft.**

Image: The air cooler in a living room, illustrating its multi-directional airflow capability.

## Prevent insects & dust from entering with fully collapsible louvres



Image: A visual representation of the collapsible louvers preventing dust and insects from entering the cooler.

### 5.4 Ice Chamber Usage

For quicker and more intense cooling, open the ice chamber lid and place ice cubes inside. Close the lid securely after adding ice.

### 5.5 Water Level Indicator

The cooler is equipped with a water level indicator on the front. Monitor this indicator to ensure the water reservoir has sufficient water for continuous cooling. Refill when the level is low.

### 5.6 Inverter Compatibility

This air cooler is designed to work seamlessly with inverters, providing uninterrupted cooling during power outages.

## 6. MAINTENANCE

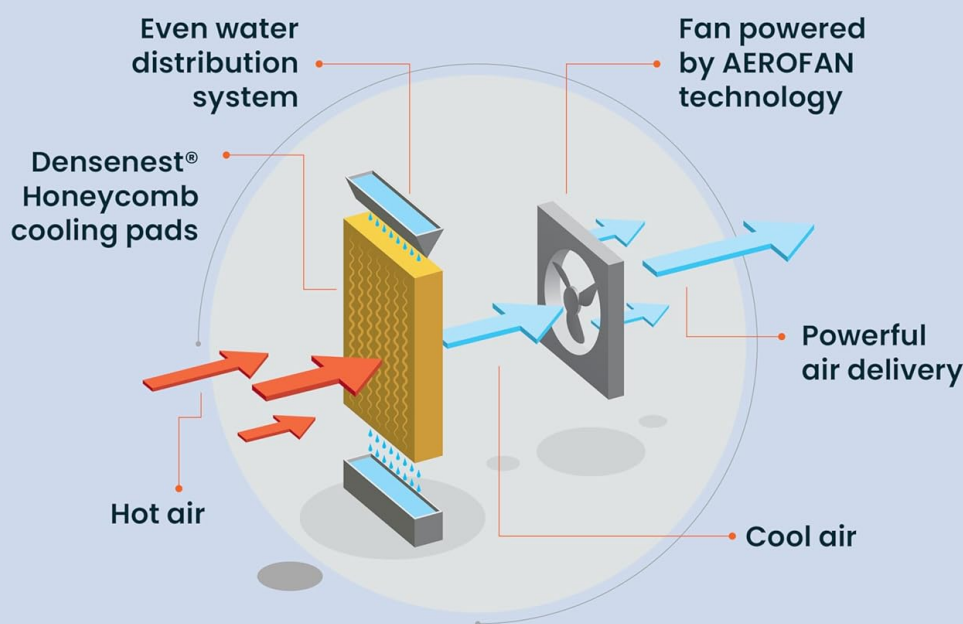
Regular maintenance ensures optimal performance and longevity of your air cooler.

### 6.1 Cleaning the Densenest Honeycomb Pads

The Densenest Honeycomb Pads are crucial for efficient cooling. Periodically clean them to prevent mineral buildup and maintain airflow. Refer to the diagram below for the cooling process.



## This Is what makes **Orient Air Coolers Better**



**Advanced Evaporative Cooling From Orient Electric**  
AeroFan Technology and DenseNest® feature ensure that you have the best cooling experience, ever.

Image: Diagram explaining how the air cooler works, highlighting the Densenest Honeycomb pads and fan technology.

- Unplug the cooler from the power outlet.
- Carefully remove the honeycomb pads from their slots.
- Rinse the pads under running water to remove dust and mineral deposits. For stubborn buildup, soak them in a mild descaling solution.
- Allow the pads to dry completely before reinserting them.

### **6.2 Cleaning the Water Reservoir**

Drain the water from the reservoir using the drain hole located at the bottom. Clean the interior of the reservoir with a soft cloth and mild detergent to prevent algae growth and odors. Rinse thoroughly before refilling.

### **6.3 Cleaning the Exterior**

Wipe the exterior surfaces of the cooler with a soft, damp cloth. Do not use abrasive cleaners or solvents.

### **6.4 Storage**

If storing the cooler for an extended period, ensure the water reservoir is completely drained and dry. Clean the honeycomb pads and exterior. Cover the cooler to protect it from dust and store it in a dry place.

## 7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Cooler does not turn on	No power supply	Check if the power cord is securely plugged in and the outlet is functional.
No cooling effect	Low water level	Refill the water reservoir.
	Honeycomb pads are dry or clogged	Ensure the water pump is working. Clean the honeycomb pads.
	Poor ventilation in the room	Ensure adequate cross-ventilation by opening windows or doors.
Water pump not working	Water level too low	Fill the water reservoir.
	Pump clogged or faulty	Clean the pump filter. If the issue persists, contact customer support.
Unusual noise	Fan obstruction or unstable placement	Check for any objects obstructing the fan. Ensure the cooler is on a stable surface.

If the problem persists after attempting these solutions, please contact Orient Electric customer support.

## 8. SPECIFICATIONS



Image: The air cooler displaying its physical dimensions.

Feature	Detail
Brand	Orient Electric
Model Name	Smartchill 125L desert cooler
Model Number	CD1251H
Material	Polypropylene (PP)
Mounting Type	Freestanding
Colour	White
Air Flow Capacity	5000 Cubic Feet Per Minute
Controls Type	Knob
Reservoir Capacity	125 Liters

Feature	Detail
Floor Area Coverage	Up to 538 Square Feet
Item Weight	19 Kilograms
Wattage	190 Watts
Number Of Speeds	3
Voltage	230 Volts
Operation Mode	Manual
Item Dimensions (D x W x H)	46.5D x 68.5W x 135.3H Centimeters
Special Features	Adjustable Speed, Densenest Honeycomb Pads, Fully Collapsible Louvers, Inverter Compatible, Ice Chamber

## 9. WARRANTY AND SUPPORT

### 9.1 Product Warranty

The Orient Electric Smartchill 125L Desert Air Cooler comes with a **1 Year Product Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use conditions. Please retain your purchase receipt as proof of purchase for warranty claims.

### 9.2 Customer Support

For any queries, technical assistance, or warranty claims, please contact Orient Electric customer support. Refer to the contact information provided with your product or visit the official Orient Electric website for support details.