

Orient Electric Knight 70L

Orient Electric Knight 70L Desert Air Cooler User Manual

INTRODUCTION

Thank you for choosing the Orient Electric Knight 70L Desert Air Cooler. This manual provides essential information for the safe and efficient use of your new appliance. Please read these instructions carefully before operating the cooler and retain them for future reference.

The Orient Electric Knight 70L Desert Air Cooler is designed to provide powerful and impactful cooling for your home. Key features include a 70-liter water tank capacity, Densenest honeycomb cooling pads for enhanced cooling, an ice chamber for quick cooling, a dust filter, and fully collapsible louvres for hygiene. It also features a 3-speed motor for adjustable air delivery and is inverter compatible for uninterrupted operation.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow these basic safety precautions:

- Read all instructions before using the appliance.
- Ensure the power supply voltage matches the rating label on the cooler.
- Do not operate the cooler with a damaged cord or plug. If the cord or plug is damaged, contact authorized service personnel.
- Do not place the cooler near heat sources, open flames, or in direct sunlight for extended periods.
- Always unplug the cooler from the power outlet before filling or draining water, cleaning, or performing any maintenance.
- Do not immerse the cooler, cord, or plug in water or other liquids.
- Keep children and pets away from the cooler during operation.
- Use the cooler only on a stable, level surface to prevent tipping.
- Do not block the air inlet or outlet vents.
- Do not insert objects into the cooler's openings.

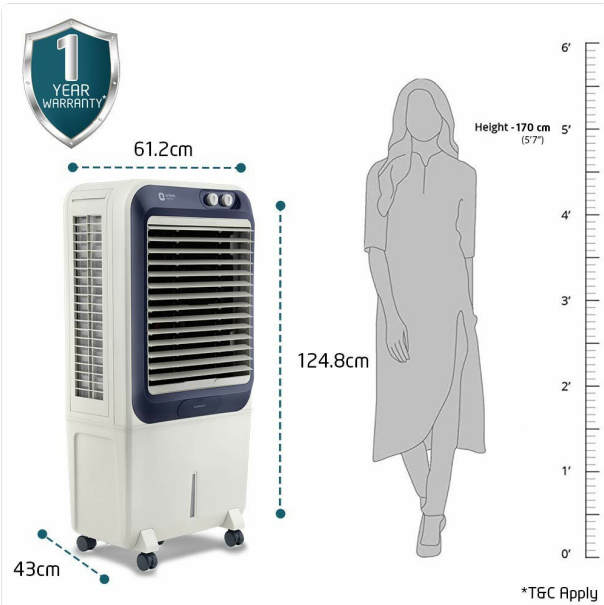
- This appliance is for household use only. Do not use it for commercial or industrial purposes.

PRODUCT OVERVIEW

The Orient Electric Knight 70L Desert Air Cooler is designed for efficient and powerful cooling. Familiarize yourself with its main components and features.



Overall View: This image displays the complete Orient Electric Knight 70L Desert Air Cooler, highlighting its sleek design and compact form factor. It features the main air outlet, control knobs on top, and castor wheels for mobility.



Key Features: This image illustrates several key features including the dust filter, fully collapsible louvres, and the overall clean design that prevents mosquito breeding.

orient electric

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.

Ice Chamber: Located at the top, the ice chamber allows for the addition of ice to significantly boost cooling performance by chilling the water before it passes through the cooling pads.



Powerful, Impactful Cooling



Ice Chamber



3 Speed Motor
(High, Medium & Low)



Castor Wheels



Auto-fill



Cord Winder



Water Level
Indicator

Collapsible Louvres: The front louvres can be fully collapsed, which helps in preventing dust accumulation and mosquito breeding when the cooler is not in use, ensuring hygiene.



Clean Filtered Cooling



Slidable Dust Filter
Keeps Dust Away



**Fully Collapsible
Louvres**



**Prevents
Mosquito Breeding**



Water Level Indicator: A transparent indicator on the front panel shows the current water level in the 70-liter tank, allowing for easy monitoring and timely refills.



Densenest Honeycomb Cooling Pads: These advanced cooling pads are designed for maximum water retention and efficient evaporation, leading to enhanced and rapid cooling.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the cooler from its packaging. Inspect for any damage during transit. Retain packaging for future storage or transport.
2. **Placement:** Position the air cooler on a flat, stable surface in a well-ventilated area. For optimal cooling, ensure there is an open window or door nearby to allow for air circulation. The cooler is equipped with castor wheels for easy movement.
3. **Water Filling:** Open the water inlet cover and fill the 70-liter water tank with clean water. Monitor the water level indicator to avoid overfilling. For enhanced cooling, add ice cubes to the dedicated ice chamber.
4. **Power Connection:** Ensure the cooler is switched off before plugging it into a suitable electrical outlet. Verify that the voltage matches the cooler's specifications.



Massive Cooling



Powerful **Air Delivery**

3650 m³/hr



With **3 Speed Motor**

(High, Medium & Low)

Dimensions: The cooler measures approximately 61.2 cm (width) x 43 cm (depth) x 124.8 cm (height), suitable for various room sizes.

OPERATING YOUR AIR COOLER

The Orient Electric Knight 70L Desert Air Cooler features simple knob controls for ease of use.



Suitable For Room Up To 400 sq ft



Up To 400 Sq Ft Coverage

Up To 60 Ft Airthrow

Control Panel: The cooler is operated via manual knobs located on the top panel, allowing control over fan speed and cooling functions.

1. **Power On/Off:** Turn the main power knob to the 'ON' position to start the cooler.
2. **Adjusting Fan Speed:** Use the fan speed knob to select your desired airflow: Low, Medium, or High. The powerful fan delivers air up to 18.3 meters.
3. **Activating Cooling:** Turn the cooling knob to activate the water pump, which will moisten the honeycomb pads and begin evaporative cooling.
4. **Using the Ice Chamber:** For an extra boost of cooling, open the ice chamber lid and place ice cubes inside. This will further chill the water circulating through the pads.
5. **Louvre Adjustment:** Manually adjust the horizontal louvres to direct airflow. The vertical louvres oscillate automatically for wider air distribution.
6. **Inverter Compatibility:** This cooler is designed to work with home inverters, ensuring continuous cooling even during power outages.



Airflow Distribution: This diagram illustrates the powerful air throw of up to 60 feet and coverage for rooms up to 400 sq ft, demonstrating effective air circulation.

MAINTENANCE AND CARE

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

- **Water Tank Cleaning:** Drain and clean the water tank regularly, especially if the cooler is not used for an extended period. This prevents algae growth and unpleasant odors.
- **Cooling Pad Maintenance:** The Densenest honeycomb pads should be inspected periodically. If they appear clogged with dust or mineral deposits, gently rinse them with water. Do not use harsh chemicals.
- **Dust Filter Cleaning:** The slidable dust filter should be cleaned regularly to maintain air quality and cooling efficiency. Simply slide it out and wash it under running water.
- **Louvre Cleaning:** The fully collapsible louvres can be easily cleaned by wiping them with a damp cloth. Collapsing them helps prevent dust accumulation and mosquito breeding.
- **Exterior Cleaning:** Wipe the exterior of the cooler with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the cooler for a long period, ensure the water tank is completely drained and dry. Clean all components, collapse the louvres, and cover the unit to protect it from dust.

TROUBLESHOOTING GUIDE

Before contacting customer service, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Cooler does not turn on.	No power supply; Power cord not properly plugged in; Power switch is off.	Check power outlet; Ensure power cord is securely plugged in; Turn the power switch to 'ON'.
No cooling effect or weak airflow.	Water tank is empty; Cooling pads are dry or clogged; Fan speed is too low; Room is not well-ventilated.	Fill water tank; Clean or replace cooling pads; Increase fan speed; Ensure proper ventilation (open a window/door).

Problem	Possible Cause	Solution
Unpleasant odor from the cooler.	Stagnant water in the tank; Algae or mold growth on cooling pads.	Drain and thoroughly clean the water tank; Clean or replace cooling pads. Use fresh water.
Water leakage.	Water tank overfilled; Drain plug not properly sealed; Cooler is not on a level surface.	Do not overfill the tank; Check and secure the drain plug; Place the cooler on a flat, stable surface.
Excessive noise during operation.	Low water level; Obstruction in fan blades; Cooler not on a level surface.	Ensure adequate water level; Check for and remove any obstructions; Place the cooler on a flat, stable surface.

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Orient Electric
Model Name	Knight
Model Number	Knight 70L (CD7003H)
Type	Desert Air Cooler
Material	Plastic
Colour	Grey
Mounting Type	Freestanding
Reservoir Capacity	70 Liters
Air Flow Capacity	3650 m ³ /hr
Air Throw Distance	Up to 18.3 meters (60 feet)
Number of Speeds	3 (High, Medium, Low)
Controls Type	Knob (Manual)
Wattage	190 Watts
Item Weight	19 Kilograms
Item Dimensions (D x W x H)	65D x 38W x 124.5H Centimeters
Cooling Pads	Densenest Honeycomb Pads
Special Features	Ice Chamber, Dust Filter, Collapsible Louvres, Inverter Compatible

Feature	Detail
Included Components	User Manual

WARRANTY AND CUSTOMER SUPPORT

Warranty Information: The Orient Electric Knight 70L Desert Air Cooler comes with a warranty of 1 year on the product, restricted to manufacturing defects only. Please retain your purchase receipt as proof of purchase for warranty claims.

For any queries, service requests, or technical assistance, please contact Orient Electric customer support. Refer to the contact information provided with your purchase documentation or visit the official Orient Electric website.

Manufacturer: Orient Electric