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Orient Electric CP4001H

Orient Electric Aerocool 40L Personal Air Cooler

Model: CP4001H

INTRODUCTION

Thank you for choosing the Orient Electric Aerocool 40L Personal Air Cooler. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air cooler. Please read it thoroughly before use and retain it for future reference.

SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the cooler's rating.
- Do not immerse the cooler in water or other liquids.
- Keep the cooler away from direct sunlight and heat sources.
- Always unplug the cooler before cleaning, refilling water, or performing maintenance.
- Do not block the air inlet or outlet grilles.
- Keep out of reach of children.
- Use only on a stable, level surface.

PRODUCT OVERVIEW

The Orient Electric Aerocool 40L Personal Air Cooler is designed to provide efficient cooling for personal spaces. Key features include:

- **Powerful Air Delivery:** 1750 m³/hr with a 3-speed motor.
- **DenseNest Honeycomb Pads:** Provides 45% more cooling and 25% more water retention.
- **Low Power Consumption:** Operates at 130W for energy efficiency.
- **4-Way Cooling:** Motorized vertical louvres for wider air distribution.
- **Inverter Compatible:** Ensures uninterrupted cooling during power cuts.
- **Antibacterial Filter:** For cleaner air.
- **40 Liter Water Tank:** Allows for extended cooling without frequent refills.
- **Knob Control:** Simple and intuitive operation.
- **Castor Wheels:** For easy mobility.

- **Water Level Indicator:** For convenient monitoring of water levels.

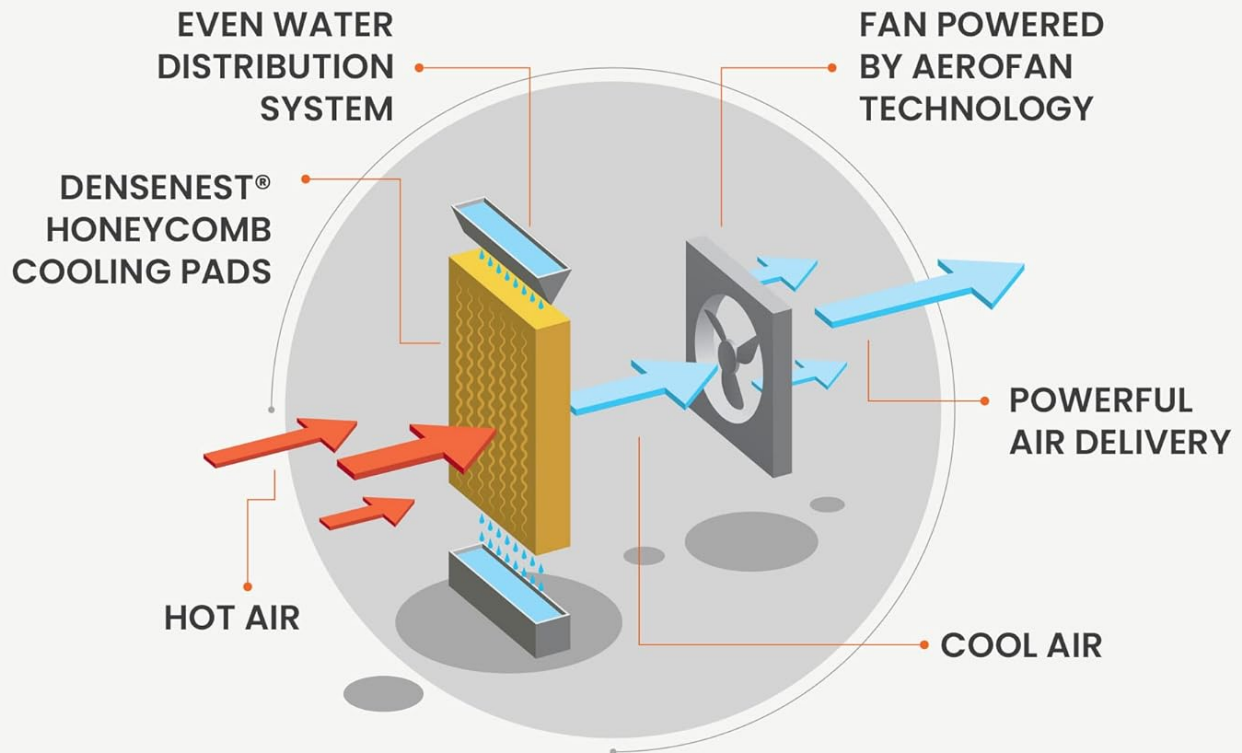
Components



Figure 1: Key components of the Aerocool 40L Personal Air Cooler, highlighting the fully collapsible louvres, water level indicator, and castor wheels for ease of use and maintenance.

- **Control Knobs:** For power, fan speed, and cooling mode.
- **Air Outlet Grille:** Front grille with motorized louvres.
- **Cooling Pads:** Located on the sides and back, behind the grilles.
- **Water Tank:** Located at the bottom, with a visible water level indicator.
- **Castor Wheels:** Four wheels for mobility.

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.

Figure 2: An internal diagram explaining how the Orient Electric Air Cooler functions, detailing the path of hot air through the DenseNest Honeycomb Cooling Pads and the expulsion of cool air via AeroFan Technology.

SETUP

1. **Unpacking:** Carefully remove the cooler from its packaging. Inspect for any damage.
2. **Placement:** Place the cooler on a flat, stable surface. Ensure there is adequate space around the cooler for proper airflow (at least 20 cm from walls).
3. **Water Filling:** Open the water inlet cap and fill the water tank with clean water. Do not exceed the 'MAX' level indicated on the water level indicator. The cooler has a 40-liter capacity.
4. **Power Connection:** Plug the power cord into a suitable electrical outlet.



Impactful Cooling



Powerful **Air Delivery**

1750 m³/hr



Longest **Airtthrow**

With Aerofan Technology



Figure 3: The air cooler positioned in a room, illustrating its powerful air delivery and effective airtthrow for optimal cooling.

OPERATION

1. **Power On/Off:** Turn the main control knob to the 'ON' position to power on the cooler. Turn to 'OFF' to power off.
2. **Fan Speed Adjustment:** Use the fan speed knob to select desired fan speed: Low, Medium, or High. The cooler features a 3-speed motor.
3. **Cooling Mode:** Turn the cooling mode knob to activate the water pump for evaporative cooling. Ensure the water tank is filled.
4. **Louvre Oscillation:** The cooler features motorized vertical louvres for 4-way air distribution. This function typically activates automatically when the cooler is on.



Suitable For Room Up To 200 sq ft



Figure 4: Visual representation of the air cooler's coverage area, suitable for rooms up to 200 sq ft with an airthrow of up to 26.3 feet.

Inverter Compatibility

This air cooler is inverter compatible, allowing it to operate during power outages when connected to a suitable home inverter system. This ensures continuous cooling comfort.

Uninterrupted Cooling



Inverter
Compatible



Figure 5: The air cooler operating in a home environment, emphasizing its ability to provide uninterrupted cooling even during power cuts due to inverter compatibility.

MAINTENANCE

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

1. Cleaning the Water Tank:

- Unplug the cooler from the power outlet.
- Drain any remaining water from the tank.
- Wipe the inside of the tank with a soft cloth and mild detergent. Rinse thoroughly.
- Refill with fresh water.

2. Cleaning Cooling Pads:

- The DenseNest Honeycomb pads should be cleaned periodically to prevent mineral buildup.

- Carefully remove the cooling pads from their compartments.
- Rinse them under running water to remove dust and deposits. For stubborn deposits, soak in a mild descaling solution (e.g., vinegar and water) before rinsing.
- Allow pads to dry completely before reinserting.

- Cleaning the Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Antibacterial Filter:** The antibacterial filter helps maintain air quality. Clean it regularly as per the cooling pad cleaning instructions.



Figure 6: Detailed view of the DenseNest Honeycomb Cooling Pads, which are crucial for efficient cooling and water retention, requiring regular cleaning.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Cooler does not turn on.	No power supply; Power cord not plugged in; Main knob in 'OFF' position.	Check power outlet; Ensure power cord is securely plugged in; Turn main knob to 'ON'.
No cooling effect.	Water tank empty; Cooling mode not activated; Cooling pads are dry or clogged.	Fill water tank; Activate cooling mode; Clean or replace cooling pads.
Weak airflow.	Fan speed set too low; Air inlet/outlet blocked; Dirty cooling pads.	Increase fan speed; Clear obstructions; Clean cooling pads.
Unpleasant odor.	Stagnant water in tank; Dirty cooling pads.	Drain and clean water tank; Clean cooling pads thoroughly.

SPECIFICATIONS

Feature	Detail
Brand	Orient Electric
Model Name	Aerocool 40, Personal Cooler (CP4001H)
Mounting Type	Freestanding
Special Features	Anti bacterial Filter, Low Power Consumption, Inverter Compatible
Color	White
Controls Type	Knob
Item Weight	7.8 Kilograms
Form Factor	Personal
Wattage	130 Watts
Number of Speeds	3
Air Delivery	1750 m ³ /hr
Water Tank Capacity	40 Liters
Item Dimensions (D x W x H)	46D x 36.4W x 88.5H Centimeters



Figure 7: Dimensional overview of the air cooler, showing its height, width, and depth for placement consideration.

WARRANTY AND SUPPORT

The Orient Electric Aerocool 40L Personal Air Cooler comes with a **12 Months Warranty** from the date of purchase. For warranty claims, technical support, or service requests, please contact Orient Electric customer service. Refer to the product packaging or the official Orient Electric website for the most current contact information.

Online Resources: For additional information, FAQs, and product registration, visit the official [Orient Electric Store on Amazon](#).

PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

This video provides a brief overview of the Orient Electric Aerocool 40L Personal Air Cooler, highlighting its key features such as low power consumption, 40L water tank capacity, antibacterial filter, and dimensions. It also mentions payment and warranty information.

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