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> NewAir Evaporative Cooler NEC500WH00 User Manual

NewAir NEC500WH00

NewAir Evaporative Cooler User Manual

Model: NEC500WH00

Brand: NewAir

INTRODUCTION

Thank you for choosing the NewAir Evaporative Cooler. This appliance is designed to provide efficient and eco-friendly cooling, particularly effective in dry climates. By converting hot, dry air into a cool, refreshing breeze, it offers a comfortable environment for your home or office. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your evaporative cooler.

Please read this manual thoroughly before use and retain it for future reference.





Figure 1: NewAir Evaporative Cooler (Model NEC500WH00)

The NewAir Evaporative Cooler is a freestanding unit with a sleek white design, featuring a large fan opening and a visible water level indicator at the bottom. It is equipped with easy-glide wheels for portability.

IMPORTANT SAFETY INFORMATION

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

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the cooler with a damaged cord or plug.
- Keep the appliance away from heat sources and direct sunlight.

- Always unplug the cooler before cleaning, filling, or performing any maintenance.
- Do not immerse the unit, cord, or plug in water or other liquids.
- Supervise children and pets when the appliance is in use.
- Use only on a flat, stable surface to prevent tipping.
- This appliance is designed for residential use only.

PRODUCT COMPONENTS

- Main Evaporative Cooler Unit
- Remote Control
- Ice Packs (2 included)
- Caster Wheels (pre-installed or require attachment)
- Removable Water Tank (1.45 Gallons capacity)

ULTRA-CONVENIENT DESIGN



REMOTE
AND
TIMER



1.45
GALLON
WATER
TANK



EASY
GLIDE
CASTER
WHEELS



2 ICE PACKS
INCLUDED

Figure 2: Key Features of the Evaporative Cooler

This image highlights the remote control, the 1.45-gallon removable water tank, and the easy-glide caster wheels, all designed for user convenience.

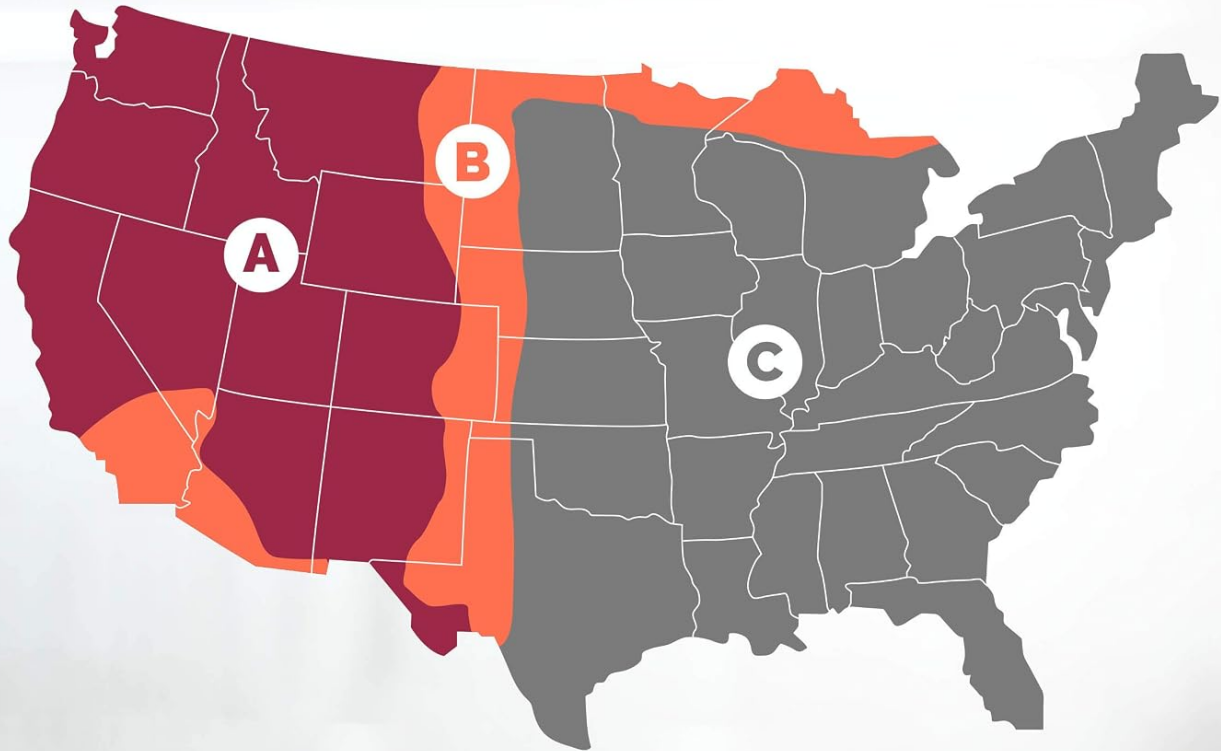
SETUP

1. **Unpacking:** Carefully remove the evaporative cooler and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Attaching Caster Wheels:** If not pre-installed, insert the caster wheels into the designated slots at the bottom of the unit until they click securely into place. Ensure all four wheels are firmly attached for stable movement.
3. **Placement:** Position the cooler on a firm, level surface. For optimal performance, especially in dry climates, place the unit in an area where it can draw in hot, dry air and distribute cool, moist air. This unit is ideal for areas up to 250 sq. ft.
4. **Filling the Water Tank:**
 - Pull out the removable 1.45-gallon water tank from the back or side of the unit.
 - Fill the tank with clean, cool water. Do not exceed the 'MAX' fill line.
 - For enhanced cooling, place the included ice packs (after freezing) into the water tank.
 - Carefully slide the water tank back into the unit until it is fully seated.

Note: The water level indicator may be difficult to read due to lack of contrast. Ensure the tank is properly filled without overfilling.

5. **Power Connection:** Plug the power cord into a standard 120V AC electrical outlet.

DO I LIVE IN THE RIGHT CLIMATE FOR AN EVAPORATIVE COOLER?



ZONE A

Ideal for evaporative coolers

ZONE B

Less than ideal, but optional

ZONE C

Portable or window Air Conditioners

Note: This is general guide for using evaporative coolers inside. They're commonly used across the U.S.

newair®

Figure 3: Climate Suitability for Evaporative Coolers

Evaporative coolers are most effective in dry climates (Zone A). They can be used in less ideal conditions (Zone B) but are not recommended for humid climates (Zone C) where traditional air conditioners are more suitable.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press the Power button on the control panel or remote control to turn the unit on or off.
2. **Fan Speed Adjustment:** Use the Speed button to cycle through the 3 available fan speeds (Low, Medium, High). The display will indicate the current speed.
3. **Oscillation:** Press the Oscillation button to activate or deactivate the enhanced oscillation feature, which helps distribute cool air more widely throughout the room.
4. **Timer Function:** Use the Timer button to set an automatic shut-off time. The timer can be set for up to 12 hours.

5. **Cooling Mode:** Ensure the water tank is filled for the evaporative cooling function to operate. The unit utilizes CycloneCirculation™ technology to move cold air, creating a wind chill effect.

CYCLONECIRCULATION™

Our airflow technology keeps cold air moving, which creates a wind chill effect that feels even cooler on your skin than still air does and reaches the right places at the right time.

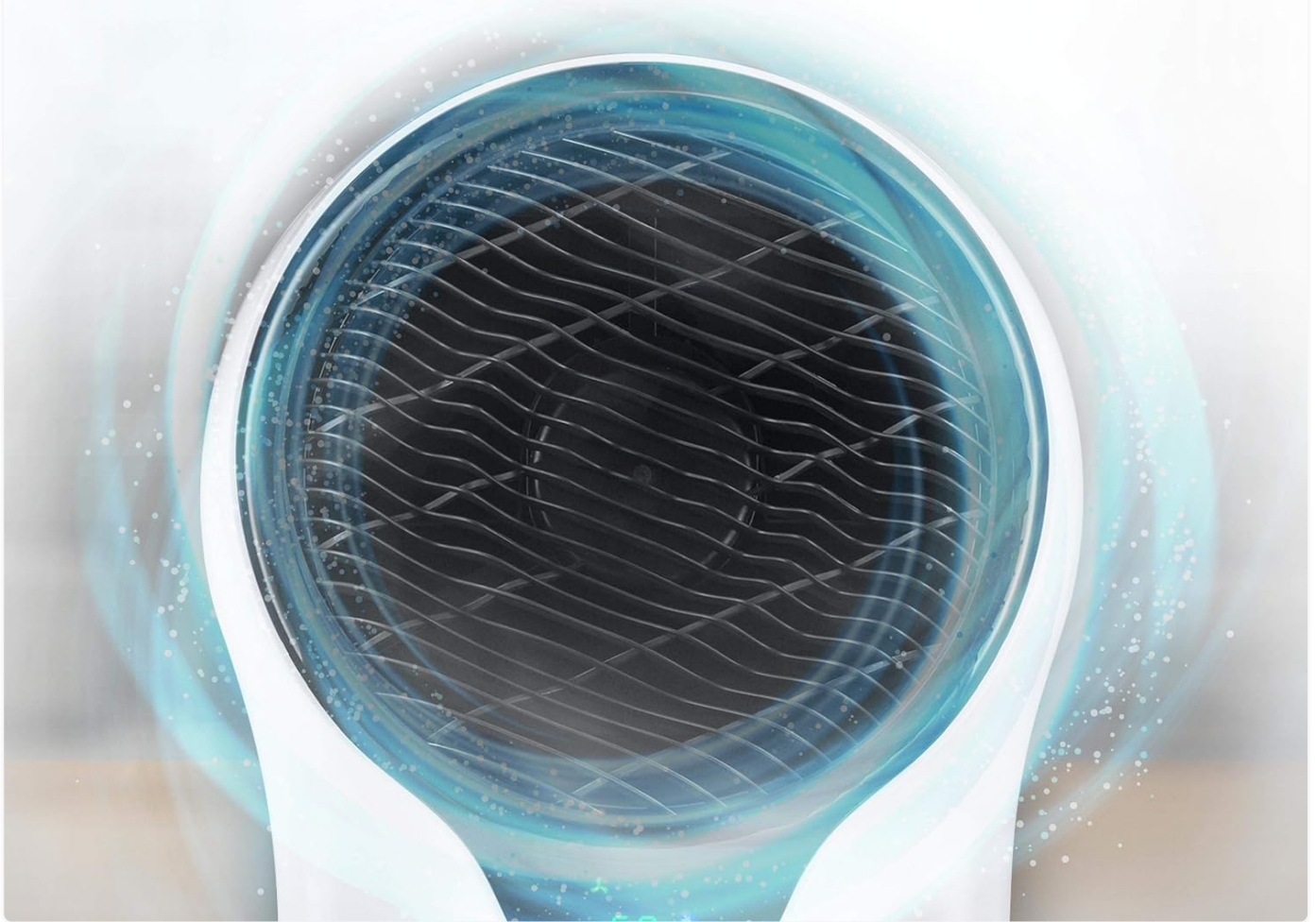


Figure 4: CycloneCirculation™ Technology

The CycloneCirculation™ technology ensures optimal airflow, creating a wind chill effect that feels cooler on the skin by continuously moving air from the pads to the farthest corners of your living area.

GOODBYE DRY HEAT, HELLO COOL BREEZE

Features an intricate honeycomb cooling pad that transforms hot, dry air into a cool, relaxing breeze for fast relief in dry climates.



Figure 5: Evaporative Cooling Process

This diagram illustrates how the evaporative cooler draws in hot, dry air, passes it over a moist honeycomb cooling pad, and releases cool, refreshing air into the room.

MAINTENANCE

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

1. Water Tank Cleaning:

- Unplug the unit before cleaning.
- Remove the water tank and empty any remaining water.
- Clean the tank regularly (e.g., weekly) with a mild detergent and water to prevent mold and mildew growth. Rinse thoroughly.
- Ensure the tank is completely dry before reinserting if storing the unit.

2. **Honeycomb Pad Cleaning:**

- Refer to the unit's specific instructions for accessing and removing the honeycomb cooling pad.
- Gently rinse the pad under running water to remove dust and mineral deposits. Do not use harsh chemicals.
- Allow the pad to air dry completely before reinserting.

3. **Exterior Cleaning:** Wipe the exterior surfaces of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

4. **Storage:** When not in use for extended periods, empty and clean the water tank and cooling pad. Store the unit in a cool, dry place, preferably in its original packaging.

TROUBLESHOOTING

If you experience issues with your evaporative cooler, consult the following table:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not plugged in; Unit is off.	Check power outlet; Ensure cord is securely plugged in; Press Power button.
No cooling effect	Water tank empty; Cooling pad dry; High humidity in room.	Fill water tank; Ensure cooling pad is wet; Use in dry climates for best results.
Weak airflow	Fan speed set too low; Air intake/outlet blocked.	Increase fan speed; Clear any obstructions.
Unpleasant odor	Stagnant water or mold in tank/pad.	Clean water tank and cooling pad thoroughly. Replace water frequently.
Wheels not rolling smoothly	Debris in wheels; Manufacturing defect.	Clean wheels; Contact customer support if issue persists.
Water pump failure	Pump malfunction.	Contact customer support for replacement parts or service.

SPECIFICATIONS

Feature	Detail
Brand	NewAir
Model Name	NEC500WH00
Mounting Type	Freestanding

Feature	Detail
Color	White
Air Flow Capacity	470 Cubic Feet Per Minute (CFM)
Controls Type	Remote
Reservoir Capacity	1.45 Gallons
Floor Area Coverage	Up to 250 Square Feet
Noise Level	66 dB
Product Dimensions (D x W x H)	11.1" x 16.1" x 35"
Item Weight	16.1 pounds
Voltage	120 Volts
Amperage	0.92 Amps
Included Components	Remote Control, Ice Packs

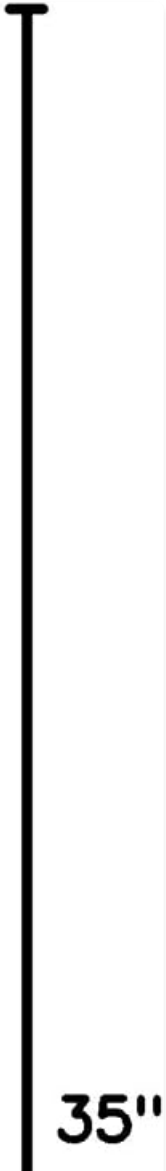




Figure 6: Product Dimensions

This image provides a visual representation of the cooler's dimensions, showing its height, width, and depth.

WARRANTY INFORMATION

This NewAir Evaporative Cooler is covered by a **one-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Buy with Confidence



Figure 7: Warranty and Returns

NewAir offers a 30-day hassle-free product return policy and a 1-year warranty for this product, ensuring customer confidence.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or general inquiries, please visit the official NewAir website or contact their customer service department. Contact information can typically be found on the manufacturer's website or on the product packaging.

Online Resources: www.newair.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Where is the power cord located on the NewAir NEC500WH00 Evaporative Cooler, and what should I do if it appears to be missing?

Based on the manual for the NewAir NEC500WH00, the unit is a portable evaporative cooler that uses a standard 120V AC power cord. If you cannot find the plug, please check the following:Storage Compartment:...

[Read full answer](#)