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De'Longhi EV250WH

De'Longhi America Portable Evaporative Cooler EV250WH Instruction Manual

Model: EV250WH

1. Introduction

The De'Longhi America Portable Evaporative Cooler, model EV250WH, is designed to improve indoor air quality by naturally humidifying, cleaning, and circulating air. This energy-efficient unit draws in warm, stale air and transforms it into a cool breeze using a built-in Ionizer and an internal water chamber. It features three fan speeds, three wind modes, adjustable louvers, and an internal swing mode for customized air circulation. This cooler is most effective in hot, dry climates with low relative humidity (below 50-60%), but can also provide a cooling breeze in higher-humidity environments.

Key Features:

- **Improved Air Quality:** Humidifies, cleans, and circulates air.
- **Energy Efficient:** Operates with minimal electricity consumption, without a compressor.
- **Environmentally Friendly:** Utilizes no chemical refrigerants.
- **Easy Maintenance:** Features a removable 4.5-liter water reservoir for simple filling, cleaning, and draining.
- **Intuitive Control:** All functions are accessible via an easy-to-see display on the unit's top panel and a remote control.

2. Safety Information

Please read all safety instructions carefully before operating the appliance. Keep this manual for future reference. Ensure the unit is placed on a stable, level surface. Do not block air inlets or outlets. Always unplug the unit before performing any maintenance or when not in use. Keep out of reach of children.

3. Package Contents

- De'Longhi America Portable Evaporative Cooler Unit (Model EV250WH)
- Remote Control (with 1 Lithium Ion battery included)
- Caster Wheels (4 units)
- Instruction Manual

4. Setup

4.1 Attaching Caster Wheels

1. Carefully unbox the unit and place it on its side on a soft, flat surface to avoid scratching.
2. Insert each of the four caster wheels into the designated slots on the bottom of the unit. Push firmly until they click into place.
3. Return the unit to an upright position.

4.2 Filling the Water Reservoir

1. Locate the removable water reservoir at the bottom rear of the unit.
2. Gently pull out the reservoir.
3. Fill the reservoir with clean, cool water. The maximum capacity is 4.5 liters. For enhanced cooling, you may add ice packs or ice cubes to the reservoir.
4. Carefully slide the filled reservoir back into the unit until it is securely in place.

Note: Ensure the water level is always above the minimum mark and below the maximum fill line to ensure proper operation.

5. Operating Instructions

The De'Longhi EV250WH can be operated using the control panel on top of the unit or the included remote control.

5.1 Control Panel Overview



Image: Front view of the De'Longhi EV250WH evaporative cooler, highlighting the top-mounted control panel.

5.2 Remote Control Functions



Image: Remote control for the De'Longhi EV250WH, illustrating buttons for power, fan speed, mode selection, timer, and oscillation.

1. **Power Button:** Press to turn the unit ON or OFF.
2. **Mode Button:** Cycle through available modes: Fan, Evaporative Cooling (with Ionizer), and Sleep.
3. **Fan Speed Button:** Select from three fan speeds (Low, Medium, High) to adjust airflow intensity.

4. **Swing Button:** Activates or deactivates the internal oscillation mode for wider air distribution.
5. **Timer Button:** Set the unit to automatically turn off after a specified period (e.g., 1-8 hours).
6. **Ionizer Button:** Activates or deactivates the built-in ionizer for improved air purification.

6. Maintenance

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

6.1 Cleaning the Evaporative Pads/Filters



Image: Rear view of the De'Longhi EV250WH with the filter cover removed, revealing the internal evaporative pads.

1. Unplug the unit from the power outlet.
2. Locate the filter covers on the rear and sides of the unit. Gently unlatch and remove them.
3. Carefully remove the evaporative pads.
4. Rinse the pads under running water to remove dust and mineral deposits. For stubborn buildup, a mild detergent can be used, followed by thorough rinsing.
5. Allow the pads to air dry completely before reinserting them into the unit.
6. Replace the filter covers, ensuring they are securely latched.

6.2 Draining the Water Reservoir

To prevent stagnant water and potential odor, it is recommended to drain and clean the water reservoir regularly, especially if the unit will not be used for an extended period.

1. Unplug the unit.
2. Pull out the water reservoir from the bottom rear of the unit.
3. Empty any remaining water.
4. Clean the reservoir with a mild soap and water solution, then rinse thoroughly.
5. Allow the reservoir to dry completely before reinserting it.

7. Troubleshooting

- **Unit does not turn on:** Ensure the power cord is securely plugged into a working outlet. Check if the remote control battery needs replacement.
- **No cool air:** Verify that the water reservoir is filled and the evaporative cooling mode is selected. Ensure the evaporative pads are clean and saturated with water.
- **Weak airflow:** Check if the air inlets or outlets are obstructed. Clean the evaporative pads if they are clogged with dust.
- **Unusual noise:** Ensure the unit is on a stable, level surface. Check for any foreign objects inside the unit.
- **Water leaking:** Ensure the water reservoir is correctly inserted and not overfilled. Check for any cracks or damage to the reservoir.

8. Specifications

Feature	Specification
Brand	De'Longhi
Model Name	EV250WH
Mounting Type	Freestanding
Special Feature	Portable
Color	White
Air Flow Capacity	270 Cubic Feet Per Minute
Controls Type	Remote
Reservoir Capacity	4.5 Liters
Recommended Uses For Product	Residential

Included Components	Unit
Standby Power Consumption	250 Watts
Noise Level	53 Decibels
Number of Speeds	3
Product Dimensions	12.2"D x 13.6"W x 29.5"H
Voltage	120 Volts
Item Weight	16.22 pounds
Batteries	1 Lithium Ion battery required (included)
Operation Mode	Automatic

9. Warranty & Support

The De'Longhi America Portable Evaporative Cooler EV250WH comes with a **1-year limited warranty**. For warranty claims, technical support, or service inquiries, please refer to the contact information provided in your product registration materials or visit the official De'Longhi website.

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