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> Uthfy 27-inch Evaporative Air Cooler (Model JH-309Y-1) User Manual

Uthfy JH-309Y-1

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Your guide to efficient and comfortable cooling.

1. INTRODUCTION

Thank you for choosing the Uthfy 27-inch Evaporative Air Cooler (Model JH-309Y-1). This evaporative cooler is designed to provide efficient and refreshing cooling for your residential spaces. Utilizing a natural evaporation process, it offers an energy-efficient alternative to traditional air conditioning, especially in dry climates. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and retain it for future reference.



Figure 1.1: Front view of the Uthfy 27-inch Evaporative Air Cooler.

2. SAFETY INFORMATION

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

- Read all instructions before using this appliance.
- Ensure the power supply matches the voltage specified on the rating label (120V, 60Hz).
- Do not operate the unit with a damaged cord or plug.
- Always unplug the unit before filling, cleaning, or performing maintenance.
- Do not immerse the unit, plug, or cord in water or other liquids.
- Keep the unit on a stable, level surface to prevent tipping.
- Do not block air inlets or outlets.
- Keep out of reach of children and pets.
- Use only clean water in the water tanks.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Uthfy 27-inch Evaporative Air Cooler Unit
- Remote Control
- Ice Packs (quantity may vary)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Uthfy Evaporative Air Cooler is a versatile unit designed for personal and residential cooling. Key features include:

- **Dual Water Tanks:** Features a 4-gallon detachable bottom water tank and a top-fill reservoir for extended cooling up to 20 hours.
- **120° Oscillation:** Wide-angle oscillation ensures even air distribution across your room.
- **Ambient Light Bar:** An integrated light bar provides soft illumination, ideal for nighttime use.
- **12-Hour Timer:** Program the unit to shut off automatically after a set period.
- **Three Fan Speeds:** Choose from low, medium, or high fan speeds for customized airflow.
- **Cooling Mode:** Enhance cooling performance by adding ice packs to the top reservoir.
- **Natural Mode:** Simulates natural breeze by varying fan speeds randomly.
- **Remote Control:** Conveniently operate all functions from a distance.
- **Screen Off Function:** Turn off the display lights for undisturbed sleep.
- **Caster Wheels:** Easily move the unit between rooms and lock it in place.



Figure 4.1: Top reservoir for water and ice packs.

5. SETUP

1. **Unpack the Unit:** Carefully remove the air cooler and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Position the Unit:** Place the air cooler on a firm, level surface in a well-ventilated area. Ensure there is at least 8 inches of space from walls or furniture to allow for proper airflow.
3. **Fill Water Tanks:**
 - Open the top lid of the unit.
 - Pour clean, cool water into the top reservoir. Do not exceed the 'MAX' fill line.
 - Alternatively, the bottom water tank (4-gallon capacity) can be detached and filled. Ensure it is securely re-inserted before operation.

Note: For enhanced cooling, place the included ice packs in the freezer until frozen, then add them to the top water reservoir along with water.

4. **Connect Power:** Plug the power cord into a standard 120V, 60Hz electrical outlet.
5. **Lock Caster Wheels:** If moving the unit, unlock the caster wheels. Once in position, lock the wheels to

prevent accidental movement.

6. OPERATING INSTRUCTIONS

The Uthfy Evaporative Air Cooler can be operated using the control panel on the unit or the included remote control.

Control Panel & Remote Functions:

- **Power On/Off:** Press the **ON/OFF** button to turn the unit on or off.
- **Speed Adjustment:** Press the **SPEED** button to cycle through three fan speeds: Low (F1), Medium (F2), High (F3).
- **Cooling Mode:** Press the **COOL** button to activate the evaporative cooling function. This circulates water from the tank to cool the air. Ensure water is present in the tank.
- **Mode Selection:** Press the **MODE** button to select between Normal, Natural, and Sleep modes. In Natural mode, the fan speed varies to simulate a natural breeze.
- **Timer Function:** Press the **TIMER** button to set an automatic shut-off time from 1 to 12 hours. Each press increases the timer by one hour.
- **Oscillation (Swing):** Press the **SWING** button to activate the 120° oscillation feature, directing airflow across a wider area. Press again to stop oscillation.
- **Ambient Light:** Press the **LIGHT** button to turn the ambient light bar on or off.
- **Screen Off:** Press the **SCREEN OFF** button to turn off the display lights on the control panel, useful for nighttime operation.



Figure 6.1: Remote control for convenient operation.

7. MAINTENANCE

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

Cleaning the Water Tanks:

1. **Unplug the Unit:** Always disconnect from power before cleaning.
2. **Drain Water:** Locate the drain plug at the back of the unit. Place a bucket or container underneath and remove the plug to drain all water.
3. **Remove Bottom Tank:** Carefully slide out the detachable bottom water tank.
4. **Clean Tanks:** Wash both the top reservoir and the bottom tank with mild soap and water. Rinse thoroughly to remove any residue.
5. **Reassemble:** Ensure tanks are dry before re-inserting and securing the drain plug.

General Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners.

- Periodically clean the air filter (located at the back) by rinsing it under running water. Allow it to dry completely before re-installing.

Storage:

When not in use for extended periods, ensure the unit is clean and dry. The unit can be folded for compact storage. Store in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your Uthfy Evaporative Air Cooler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power, power cord loose, unit off.	Check power connection, ensure outlet is functional, press ON/OFF button.
No cooling effect	Water tank empty, COOL mode not activated, ice packs not used.	Fill water tank, activate COOL mode, add frozen ice packs.
Weak airflow	Low fan speed, air filter clogged.	Increase fan speed, clean air filter.
Oscillation not working	SWING function not activated.	Press the SWING button on the control panel or remote.
Remote control not working	Batteries dead, remote out of range, obstruction.	Replace batteries, ensure remote is pointed at the unit, remove obstructions.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Brand	Uthfy
Model Number	JH-309Y-1
Material	Plastic
Mounting Type	Freestanding
Color	White
Controls Type	Remote
Reservoir Capacity	4 Gallons
Item Weight	12 Pounds
Recommended Uses	Residential
Form Factor	Tower

Wattage	80 watts
Noise Level	25 Decibels
Number of Speeds	3
Voltage	120 Volts
Item Dimensions (D x W x H)	12.2"D x 15.59"W x 27.2"H
Special Features	12H Timer, Remote Control, Ambient Light Bar, 120° Oscillation

10. WARRANTY AND SUPPORT

Your Uthfy Evaporative Air Cooler (Model JH-309Y-1) is covered by a **1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or any questions regarding your product, please contact Uthfy Customer Service:

- **Email:** support@uthfy.com
- **Phone:** 1-800-XXX-XXXX (Toll-Free)
- **Website:** www.uthfy.com/support

Please have your model number (JH-309Y-1) and proof of purchase ready when contacting support.