

Uthfy JH317Y

Uthfy 2000CFM Evaporative Air Cooler Instruction Manual

Model: JH317Y | Brand: Uthfy

1. INTRODUCTION AND OVERVIEW

The Uthfy 2000CFM Evaporative Air Cooler (Model JH317Y) is a versatile 4-in-1 appliance designed to provide cooling, circulation, humidification, and ambient LED lighting for your indoor spaces. Utilizing evaporative cooling technology, it efficiently lowers temperatures and improves air quality, making it ideal for rooms up to 400 sq. ft. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting.



Figure 1.1: The Uthfy 4-in-1 Evaporative Air Cooler's multiple functions.

2. SAFETY INSTRUCTIONS

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage.

- Always place the unit on a stable, level surface to prevent tipping and water spillage.
- Do not operate the unit with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Unplug the unit from the power outlet before filling, cleaning, or performing any maintenance.
- Do not immerse the electrical components of the unit in water or other liquids.
- Keep children and pets away from the unit during operation.
- Ensure proper ventilation around the unit to maintain optimal performance.
- Use only clean water in the water tank. Do not add any chemicals or additives.

3. PACKAGE CONTENTS

Verify that all items are present in the packaging:

- Uthfy Evaporative Air Cooler Unit
- Remote Control (*batteries not included*)
- Instruction Manual
- Ice Packs (typically 4 units)

4. PRODUCT DIAGRAM AND COMPONENTS



Figure 4.1: Main components of the Uthfy Evaporative Air Cooler.

The unit consists of two main parts: the upper air cooler section and the lower detachable water tank. Key features include:

- **Control Panel:** Located on the top front of the unit, with touch controls for all functions.
- **Air Outlet:** Front grille for air dispersion.
- **Water Tank:** 6.6-gallon capacity, located at the bottom, with a visible water level indicator.
- **Wheels:** For easy portability.
- **LED Strip Light:** Integrated at the top for ambient lighting.

5. SETUP

5.1 Initial Assembly

The Uthfy Evaporative Air Cooler features a detachable water tank for easy handling and cleaning. To assemble:

1. Place the water tank on a flat, stable surface.
2. Align the upper air cooler section with the water tank.

3. Gently lower the air cooler section onto the tank until it snaps securely into place. Ensure the buckles on the sides are engaged.



Figure 5.1: Detaching and reattaching the water tank.

5.2 Filling the Water Tank

For optimal cooling performance, fill the water tank before operation.

1. Open the top lid of the unit.
2. Pour clean water into the designated opening. The unit features a fast-filling design.
3. Monitor the water level indicator on the front of the tank. Do not exceed the 'MAX' line.
4. For enhanced cooling, place the provided ice packs (after freezing) into the water tank.
5. Close the top lid securely.

Versatile Settings

Whether you prefer a gentle breeze or a powerful gust, there's a touch setting for everyone

3 Speeds



LOW



Mid



High

3 Modes



Normal



Nature



Cooling



120° Oscillating



12H Timer



Low Noisy



Remote



Figure 5.2: Filling the 6.6-gallon water tank.

6. OPERATING INSTRUCTIONS

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

6.1 Control Panel and Remote Control Functions

4 IN 1 Evaporative Air Cooler

Cooling & Circulation & Humidifying & LED Light



Cooler

+



Humidifier

+



LED Light

+



Fan



Figure 6.1: Control Panel and Remote Control Layout.

- **ON/OFF:** Powers the unit on or off.
- **SPEED:** Cycles through 3 wind speeds (Low, Mid, High).
- **MODE:** Selects between 3 wind modes (Normal, Nature, Cooling).
- **COOL:** Activates or deactivates the evaporative cooling function.
- **LIGHT:** Turns the ambient LED strip light on or off.
- **TIMER:** Sets the auto-off timer for up to 12 hours.
- **SWING:** Activates or deactivates the 120° oscillation function for wider air distribution.

6.2 General Operation

1. Plug the power cord into a suitable electrical outlet.
2. Press the **ON/OFF** button to turn on the unit.
3. Select your desired **MODE** (Normal, Nature, Cooling). For evaporative cooling, ensure the water tank is filled and select 'Cooling' mode.
4. Adjust the **SPEED** (Low, Mid, High) to your preference.
5. Press **SWING** to activate the 120° oscillation for broader coverage.
6. Use the **TIMER** button to set an auto-off time if desired.

7. Press the **LIGHT** button to control the ambient LED strip light. The unit also features a screen-off function for undisturbed sleep.

Video 6.1: Demonstration of the Uthfy 4-in-1 Swamp Cooler's LED light, oscillation, and timer functions. This video illustrates how to activate and utilize these features for enhanced comfort and convenience.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your air cooler.

7.1 Water Tank Cleaning

The detachable 6.6-gallon water tank is designed for easy cleaning to prevent mineral buildup and stale odors.

1. Unplug the unit from the power outlet.
2. Detach the water tank by releasing the side buckles.
3. Empty any remaining water from the tank.
4. Clean the inside of the tank with water and a soft scrub sponge.
5. Rinse thoroughly to remove any residue.
6. Reattach the clean tank to the main unit, ensuring it snaps securely.



Figure 7.1: Cleaning the detachable water tank.

7.2 Evaporative Pad Cleaning

Periodically inspect and clean the evaporative pad to maintain airflow and cooling efficiency.

- Refer to the unit's internal structure for access to the evaporative pad.
- Gently remove the pad and rinse it under clean water to remove dust and mineral deposits.
- Allow the pad to air dry completely before reinserting it into the unit.

7.3 Storage

When not in use for extended periods:

- Empty and clean the water tank and evaporative pad thoroughly.
- Ensure all components are dry.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

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 supply; Power cord not properly connected.	Check power outlet and ensure cord is securely plugged in.
Weak airflow	Air filter/evaporative pad clogged; Low water level.	Clean the air filter/evaporative pad; Refill water tank.
No cooling effect	Water tank empty; Cooling mode not activated.	Fill water tank; Activate 'Cool' mode. Consider adding ice packs.
Unusual noise	Unit not on a level surface; Obstruction in fan.	Place unit on a flat surface; Check for and remove any obstructions.
Water leakage	Water tank overfilled; Tank not properly seated.	Do not overfill past 'MAX' line; Ensure tank is securely attached.

9. SPECIFICATIONS

- **Brand:** Uthfy
- **Model Name:** JH317Y
- **Mounting Type:** Freestanding
- **Color:** White
- **Air Flow Capacity:** 2000 Cubic Feet Per Minute (CFM)
- **Controls Type:** Touch, Remote
- **Reservoir Capacity:** 6.6 Gallons
- **Standby Power Consumption:** 80 Watts
- **Noise Level:** 35 dB
- **Number of Speeds:** 3
- **Product Dimensions:** 11.8"D x 16.5"W x 33.5"H

- **Item Weight:** 16.76 pounds
- **Voltage:** 120 Volts
- **Special Features:** Remote Control, Timer, Silent Operation, Portable, Oscillating Fan (120°), LED Light Control, Digital Display, Built-In Wheel, Adjustable Speed, Fast Cooling.

10. WARRANTY AND SUPPORT

The Uthfy 2000CFM Evaporative Air Cooler comes with a **1-Year Warranty** from the date of purchase.

This warranty covers manufacturing defects under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact Uthfy customer service through the retailer's platform or the official Uthfy website. Please have your model number (JH317Y) and proof of purchase ready when contacting support.