

## Uthfy HY-310Y

# Uthfy Evaporative Air Cooler Instruction Manual

Model: HY-310Y

## 1. PRODUCT OVERVIEW

The Uthfy Evaporative Air Cooler (Model HY-310Y) is a versatile 3-in-1 portable cooling fan designed to blow air, humidify, and cool the air in your space. It offers an energy-efficient alternative to traditional air conditioners, ideal for bedrooms, home offices, garages, or basements, especially in hot and dry climates.

Key features include:

- **3-in-1 Functionality:** Air cooling, humidification, and fan operation.
- **Efficient Evaporative Cooling:** Utilizes a wet cooling pad and includes 4 ice boxes for enhanced cooling.
- **Customizable Settings:** Features 3 speeds, 3 modes (Normal, Sleep), 70° oscillation, and a 1-12 hour timer.
- **Large Water Tank:** A 5.3-gallon reservoir allows for 8-12 hours of continuous operation.
- **Portability:** Equipped with 360° rotatable casters and a built-in handle for easy movement.
- **Convenient Control:** Operates via an intuitive digital display panel and an included remote control.



Image: The Uthfy Evaporative Air Cooler, showcasing its sleek design, remote control, and included ice packs for enhanced cooling.

## 2. SETUP INSTRUCTIONS

- 1. Unpacking:** Carefully remove the air cooler and all accessories from the packaging. Ensure all components listed in the "Included Components" section are present.
- 2. Positioning:** Place the air cooler on a flat, stable surface. For optimal cooling, position it near an open window or door to allow for proper air circulation.
- 3. Adding Water:**
  - Open the water tank cover located on the top of the unit.
  - Pour clean water into the reservoir. The unit has a 5.3-gallon capacity. Do not overfill.
  - For enhanced cooling, place the included ice packs (after freezing them) into the water tank.



Image: Water being poured into the top water reservoir of the air cooler. Ensure the reservoir is filled to the appropriate level.



Image: A close-up view of the ice packs and the water tank, illustrating how to add the frozen ice packs for improved cooling performance.

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

### 3. OPERATING INSTRUCTIONS

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

#### Control Panel / Remote Functions:

- **Power Button:** Press to turn the unit ON or OFF.
- **Speed Button:** Cycles through 3 fan speeds: Low (F1), Medium (F2), High (F3).
- **Mode Button:** Selects between 3 modes:
  - **Normal Mode:** Provides a steady airflow.
  - **Sleep Mode:** Changes airflow randomly from low to high for a comfortable sleep environment.

- **Cooling Button:** Activates or deactivates the evaporative cooling function. This circulates water from the tank over the cooling pad.
- **Swing Button:** Activates the 70° automatic side-to-side oscillation for wider air distribution. Vertical louvers can be adjusted manually.
- **Timer Button:** Sets the operating timer from 1 to 12 hours. The unit will automatically turn off after the set time.

## Convenience of Remote Control

Compact remote is available for settings: 12h timer, Normal and Sleep mode, L/M/H speed



Image: The air cooler with its remote control, highlighting the convenience of adjusting settings from a distance.



Image: A close-up showing the manual adjustment of the vertical louvers to direct airflow up or down.

## 4. MAINTENANCE

---

Regular maintenance ensures optimal performance and longevity of your Uthfy Evaporative Air Cooler.

### Cleaning the Water Tank:

1. Unplug the unit from the power outlet before any cleaning.
2. Locate the drain plug at the bottom rear of the unit.
3. Place a bucket or tray underneath the drain plug.
4. Remove the plug to drain all water from the reservoir.
5. Clean the inside of the water tank with a soft cloth and mild detergent. Rinse thoroughly.
6. Replace the drain plug securely.



Image: A close-up of the cleaning drain plug located at the bottom of the unit, used for draining the water tank.

### Cleaning the Cooling Pad and Rear Grille:

- The cooling pad and rear grille are designed for easy removal to facilitate regular cleaning.
- Refer to the detailed instructions in the full user manual for specific steps on removing and cleaning these components.
- Ensure all parts are completely dry before reassembling the unit.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power button not pressed.	Ensure the unit is properly plugged into a working outlet. Press the Power button on the control panel or remote.
No cool air/Insufficient cooling.	Water tank empty; cooling function not activated; ice packs not used/frozen; high humidity in environment.	Fill the water tank. Activate the Cooling function. Use frozen ice packs. Evaporative coolers are most effective in dry climates.
Weak airflow.	Fan speed set too low; air intake/outlet blocked.	Increase the fan speed. Ensure there are no obstructions around the air intake (rear grille) or outlet (front louvers).
Unusual noise.	Unit not on a level surface; internal components obstructed.	Place the unit on a flat, stable surface. Check for any foreign objects inside the unit (unplug first).

If the problem persists after attempting these solutions, please contact Uthfy Customer Service.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Uthfy
Model Name	HY-310Y
Mounting Type	Freestanding
Color	Grey
Product Dimensions	11"D x 15"W x 30.7"H
Item Weight	13 pounds
Reservoir Capacity	5.3 Gallons
Air Flow Capacity	1000 Cubic Feet Per Minute
Noise Level	45 dB
Voltage	120V

Feature	Detail
Amperage	0.67 Amps
Controls Type	Remote, Digital Display
Special Features	4 Ice boxes, Adjustable Speed, Built-In Wheel, 70° Oscillation, 12H Timer
Included Components	Air Cooler, 4 Ice Packs, Remote Control
Recommended Uses	Commercial, Industrial, Residential
UPC	798623448124

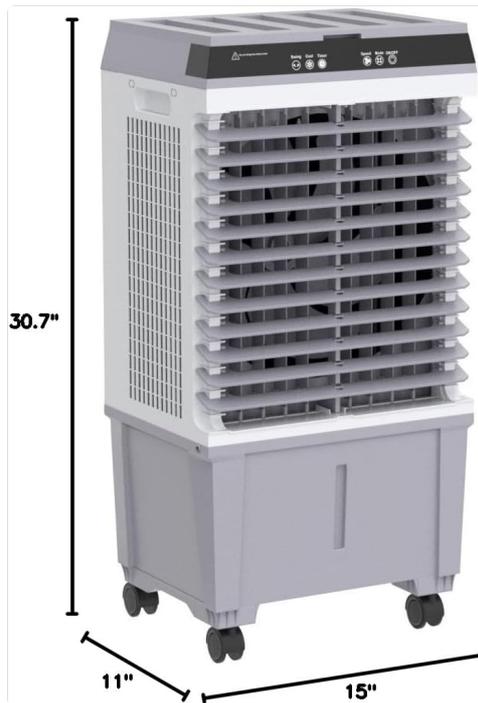


Image: Product dimensions, showing the height, width, and depth of the unit.

## 7. WARRANTY AND SUPPORT

Uthfy offers a **1-year guarantee** for this evaporative air cooler.

If you encounter any issues or have questions regarding your product, please contact Uthfy Customer Service for a satisfactory resolution. Contact information can typically be found on the product packaging or the official Uthfy website.

