

Uthfy JH-318Y-0528

Uthfy 2800 CFM Evaporative Air Cooler Instruction Manual

Model: JH-318Y-0528

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using this evaporative air cooler. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always unplug the unit from the power outlet before cleaning, servicing, or moving.
- Do not operate the unit with a damaged cord or plug. If the cord or plug is damaged, contact customer service for repair.
- Do not place the unit near heat sources, open flames, or flammable materials.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Do not immerse the unit, cord, or plug in water or other liquids.
- Keep children and pets away from the unit during operation.
- Do not insert objects into the air vents or openings.
- Use only clean water in the water tank. Do not add any chemicals or additives.
- Empty the water tank and clean the unit regularly to prevent mold and mildew growth.
- This appliance is for household use only. Do not use outdoors unless specifically designed for outdoor use.

2. PRODUCT OVERVIEW

The Uthfy 2800 CFM Evaporative Air Cooler is designed to provide efficient cooling, humidification, and ventilation for various indoor and outdoor spaces. It features a large water tank, multiple operating modes, and convenient controls.

Key Features:

- **Powerful Airflow:** Delivers 2800 CFM of cool air, covering up to 870 sq. ft.
- **Wide-Angle Oscillation:** 120° automatic left/right oscillation with manual up/down deflectors for comprehensive air circulation.

- **Large Detachable Water Tank:** 9.5-gallon capacity with three refilling methods (top, front, direct tank fill) and a transparent water level line.
- **Ice Pack Support:** Includes 4 reusable ice packs for enhanced cooling.
- **3-in-1 Functionality:** Operates as a fan, humidifier, and cooler.
- **Quiet Operation:** Noise level as low as 30dB.
- **Smart Controls:** Remote control and top touch panel with Normal and Natural wind modes, 3 fan speeds, and a 12-hour timer.
- **Portable Design:** Equipped with four 360° swivel casters (two lockable) and reinforced handles for easy movement.
- **Energy Efficient:** Rated power of 120W.

Included Components:

- Uthfy Evaporative Air Cooler Unit
- User Manual (this document)
- 4 Ice Packs
- 4 Casters
- 16 Screws (for caster installation)
- Remote Control
- 1 Wall Mount Bracket (for remote storage)
- 1 Bracket Screw
- 1 Plastic Expansion Anchor
- 1 Drain Plug

Product Diagram:

Refer to the diagram below for an overview of the cooler's main parts.



Figure 2.1: Main unit of the Uthfy Evaporative Air Cooler.

3. SETUP

3.1 Caster Installation

1. Carefully unbox the unit and place it on its side on a soft, protective surface to avoid scratches.
2. Locate the four casters and 16 screws from the packaging.
3. Align each caster with the designated holes on the bottom of the unit.
4. Secure each caster with four screws using a screwdriver (not included). Ensure the two casters with locks are installed on the rear side of the unit.
5. Once all casters are securely attached, carefully return the unit to an upright position.

3.2 Water Filling

The unit supports three methods for adding water:



Figure 3.1: Water filling options.

- **Top Fill:** Open the top cover and pour clean water directly into the top reservoir. This method is convenient and requires no bending.
- **Front Fill:** Pull out the front water drawer and pour water into it.
- **Detachable Tank Fill:** The entire 9.5-gallon water tank can be detached from the bottom of the unit for direct filling at a sink or faucet.

Observe the transparent water level line at the bottom of the unit to avoid overfilling. Do not exceed the 'MAX' line.

3.3 Ice Pack Usage

For enhanced cooling, utilize the included ice packs:

1. Place the ice packs in a freezer until completely frozen.
2. Once frozen, place the ice packs into the water tank along with the water.
3. The frozen ice packs will help to lower the water temperature, resulting in cooler air output.

4. OPERATING INSTRUCTIONS

The Uthfy Evaporative Air Cooler can be controlled via the top touch panel or the included remote control.

4.1 Control Panel and Remote Control



Figure 4.1: Remote control and touch panel.

Before using the remote control, ensure batteries are installed. The remote requires 2 AAA batteries (not included).

Remote Control Battery Installation:

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Video 4.1: Demonstrates how to install batteries in the remote control.

Functions:

- **Power (ON/OFF):** Turns the unit on or off.
- **Speed:** Adjusts fan speed (Low, Medium, High).
- **Mode:** Selects between Normal and Natural wind modes.
- **Cool:** Activates or deactivates the evaporative cooling function.

- **Swing:** Turns the 120° automatic oscillation on or off.
- **Timer:** Sets the operating timer for up to 12 hours.
- **Screen Off:** Dims the LED display after 30 seconds for undisturbed sleep.

4.2 Initial Operation

1. Ensure the unit is plugged into a standard electrical outlet.
2. Press the Power button on the control panel or remote to turn on the unit.
3. Select your desired fan speed using the Speed button.
4. To activate cooling, press the Cool button. Ensure the water tank has sufficient water.
5. Press the Swing button to enable or disable oscillation.
6. Use the Timer button to set an automatic shut-off time if desired.

4.3 Multi-Scene Use

Suitable for Various Scenarios



Figure 4.2: Suitable for various scenarios.

The portable design with casters allows for easy movement between different locations such as bedrooms, living rooms, offices, garages, and patios. For optimal performance, ensure adequate ventilation when used indoors.

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Video 4.2: Overview of the Uthfy Evaporative Air Cooler's features and benefits.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your evaporative air cooler.

5.1 Cleaning the Water Tank

1. Unplug the unit from the power outlet.
2. Detach the water tank from the bottom of the unit.
3. Empty any remaining water through the drain plug located at the bottom rear of the tank.
4. Clean the inside of the water tank with a soft cloth and mild detergent. Rinse thoroughly with clean water.
5. Ensure the tank is completely dry before reattaching it to the unit.

5.2 Cleaning the Cooling Pad

The cooling pad is removable for easy cleaning.

1. Unplug the unit.
2. Carefully remove the cooling pad from its housing.
3. Rinse the cooling pad under running water to remove dust and mineral deposits. For stubborn buildup, a soft brush can be used.
4. Allow the cooling pad to air dry completely before reinstalling it.

5.3 Storage

When storing the unit for an extended period:

- Ensure the water tank is completely empty and dry.
- Clean the cooling pad and allow it to dry.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- Cover the unit to protect it from dust.

6. TROUBLESHOOTING

Before contacting customer service, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not properly plugged in; Power button not pressed.	Check power outlet; Ensure power cord is securely plugged in; Press the Power button.
No cool air / Weak cooling	Water tank is empty; Cooling function not activated; Cooling pad is dirty; Ice packs not used or not frozen.	Fill water tank; Press the 'Cool' button; Clean or replace cooling pad; Use frozen ice packs.
Unpleasant odor	Stagnant water in tank; Dirty cooling pad.	Empty and clean water tank regularly; Clean cooling pad.

Problem	Possible Cause	Solution
Water leakage	Water tank overfilled; Drain plug not properly sealed; Unit not on a level surface.	Do not exceed 'MAX' water level; Ensure drain plug is securely closed; Place unit on a flat, stable surface.
Remote control not working	Batteries are dead or incorrectly installed; Obstruction between remote and unit.	Replace batteries; Ensure correct battery polarity; Remove any obstructions.

7. SPECIFICATIONS

Feature	Detail
Brand	Uthfy
Model Number	JH-318Y-0528
Air Flow Capacity	2800 CFM
Floor Area Coverage	Up to 870 sq. ft.
Reservoir Capacity	9.5 gallons
Wattage	120 watts
Voltage	120 volts
Noise Level	30 dB
Number of Speeds	3
Operation Modes	Normal, Natural
Timer	12-hour
Oscillation	120° Wide-Angle Automatic
Item Dimensions (D x W x H)	19.36"D x 13.47"W x 36.45"H
Item Weight	19.8 pounds
Color	Grey

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

This Uthfy Evaporative Air Cooler comes with a **1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage resulting from:

- Accident, misuse, abuse, or alteration.
- Unauthorized repair or modification.
- Failure to follow operating and maintenance instructions.
- Normal wear and tear.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Uthfy customer support. Contact information can typically be found on the product packaging or the official Uthfy website.

When contacting support, please have your model number (JH-318Y-0528) and purchase date ready.