

Uthfy JH-410Y-0504

Uthfy 45" Portable Evaporative Air Cooler Instruction Manual

Model: JH-410Y-0504

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating this appliance and retain for future reference. Failure to follow these instructions may result in electric shock, fire, or serious personal injury.

- Always ensure the unit is placed on a stable, level surface to prevent tipping.
- Do not operate the unit with a damaged cord or plug. If the cord or plug is damaged, contact customer service for repair or replacement.
- Unplug the unit from the power outlet before filling or emptying the water tank, cleaning, or performing any maintenance.
- Keep the unit away from open flames, heat sources, and flammable materials.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Ensure the power supply voltage matches the rating label on the unit.
- Do not use the unit in areas with high humidity, such as bathrooms, to avoid electrical hazards.

2. PRODUCT OVERVIEW

The Uthfy 45" Portable Evaporative Air Cooler is designed to provide efficient cooling, humidification, and ventilation for spaces up to 1200 sq. ft. It features a powerful 5100 CFM airflow, 120° wide-angle oscillation, and a large 16.5-gallon detachable water tank for extended operation.

Included Components:

- Uthfy 45" Portable Evaporative Air Cooler Unit
- User Manual
- 4 Ice Packs
- 4 Casters
- 16 Screws
- Remote Control

- 1 Wall Mount Bracket
- 1 Bracket Screw
- 1 Plastic Expansion Anchor
- 1 Drain Plug



Image: The Uthfy 45-inch Portable Evaporative Air Cooler, showcasing its sleek design and front grille.

3. SETUP INSTRUCTIONS

3.1 Caster Installation

1. Carefully unpack the evaporative air cooler and all accessories.
2. Turn the unit upside down, ensuring it is stable.
3. Attach the four casters to the designated slots on the bottom of the unit using the provided screws. Secure them firmly.
4. Return the unit to an upright position.

3.2 Filling the Water Tank

The unit features a 16.5-gallon detachable water tank for easy filling and cleaning. You can fill it from the top or the front.

- **Top Filling:** Open the top lid of the unit and pour water directly into the reservoir.
- **Front Filling:** The water tank can be detached from the bottom of the unit. Pull out the tank, fill it with water, and then slide it back into place.

Observe the transparent water level indicator on the side of the tank to avoid overfilling. Do not exceed the 'MAX' line.

3.3 Using Ice Packs

For enhanced cooling performance, utilize the included ice packs:

1. Place the ice packs in a freezer until completely frozen.
2. Once frozen, place them into the water tank along with the water. This will help lower the water temperature and provide cooler air.

Detachable Water Tank Design

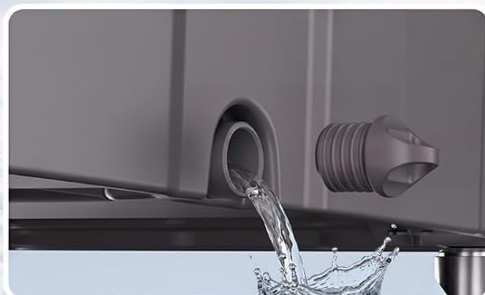
Easy to remove and clean 



Top Filling



Water Level Indicator



Bottom Drainage Hole

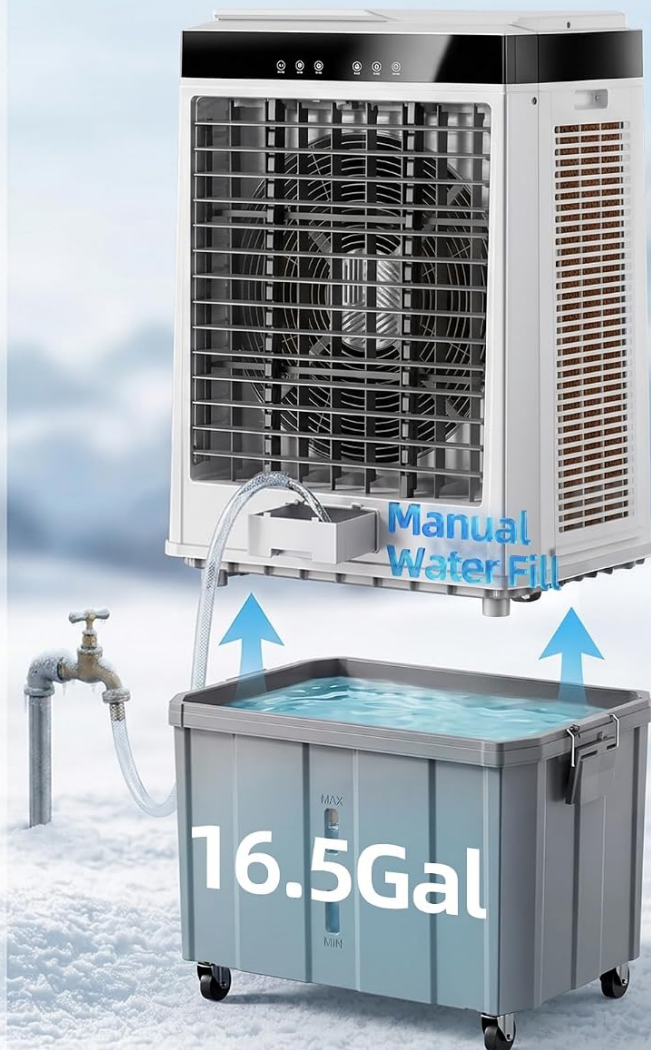


Image: Illustration of the detachable water tank, showing top filling, water level indicator, and bottom drainage hole.

Portable Air Cooler



Image: A woman easily moving the portable air cooler, highlighting its 360° swivel casters and reinforced handle for flexible mobility.

4. OPERATING INSTRUCTIONS

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

4.1 Control Panel and Remote Functions

- **Power (On/Off):** Press to turn the unit on or off.
- **Speed:** Select from 3 fan speeds (Low, Medium, High) to adjust airflow intensity.
- **Mode:** Choose between 2 wind modes (Normal, Sleep, or Natural, depending on model) for varied airflow patterns.
- **Cool:** Activates the evaporative cooling function. Ensure the water tank is filled.
- **Swing:** Activates the 120° wide-angle oscillation for broader air distribution.
- **Timer:** Set the operating time for up to 12 hours. The unit will automatically shut off after the set time.

The LED display on the touch panel shows the current settings. The screen automatically turns off after 30 seconds of inactivity to reduce light interference.

Convenient Dual Control Options Remote & Touch Panel



Image: The remote control and the touch panel with LED display, illustrating the various control options.

4.2 Video Demonstrations

Video: Official Uthfy demonstration of the 45" Swamp Cooler, highlighting its features and operation, including the detachable water tank. (Duration: 1:10)

Video: Official Uthfy video focusing on the 16.5 Gal detachable water tank, demonstrating its ease of use for filling and cleaning. (Duration: 0:22)

5. MAINTENANCE

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

5.1 Cleaning the Water Tank

The 16.5-gallon water tank is detachable for easy cleaning, which helps prevent scale buildup.

1. Unplug the unit from the power outlet.
2. Pull out the detachable water tank from the bottom of the unit.
3. Empty any remaining water through the bottom drainage hole or by pouring it out.

- 4. Clean the tank with a soft cloth and mild detergent. Rinse thoroughly with clean water.
- 5. Ensure the tank is completely dry before reinserting it into the unit.



Image: A detailed view of the detachable water tank, emphasizing its ease of removal and cleaning.

5.2 Cleaning Cooling Pads/Filters

The unit is equipped with three-sided surround wet pads that filter dust. These should be cleaned periodically.

- 1. Unplug the unit.
- 2. Remove the cooling pads/filters from their compartments. Refer to the unit's design for specific removal instructions.
- 3. Rinse the pads under running water to remove dust and debris. For heavy buildup, a soft brush can be used.
- 4. Allow the pads to air dry completely before reinserting them.

5.3 Storage

When storing the unit for an extended period:

- Empty and clean the water tank and cooling pads thoroughly.
- Ensure all components are dry to prevent mold or mildew growth.
- Store the unit in a cool, dry place, preferably in its original packaging.

6. 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; Power button not pressed.	Check power outlet and plug connection; Ensure power button is pressed.

Problem	Possible Cause	Solution
No cool air / Insufficient cooling	Water tank empty; Cooling pads dry; Ice packs not used or melted; High ambient humidity.	Fill water tank; Ensure cooling function is activated; Add frozen ice packs; Evaporative coolers are less effective in high humidity.
Water leakage	Water tank overfilled; Drain plug not properly sealed; Unit not on a level surface.	Do not overfill past 'MAX' line; Ensure drain plug is securely closed; Place unit on a flat, stable surface.
Unusual noise	Unit not on a level surface; Obstruction in fan blades; Water pump issue.	Place unit on a level surface; Check for and remove any obstructions; Contact customer support if noise persists.

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

7. SPECIFICATIONS

Feature	Specification
Brand	Uthfy
Model Name	swamp cooler
Model Number	JH-410Y-0504
Air Flow Capacity	5100 Cubic Feet Per Minute (CFM)
Air Speed	Up to 38 ft/s
Reservoir Capacity	16.5 Gallons
Floor Area Coverage	Up to 1200 Square Feet
Wattage	200 Watts
Voltage	120 Volts
Noise Level	45 Decibels
Number of Speeds	3
Oscillation	120° Wide-Angle
Timer	12 Hours
Controls Type	Remote Control, Touch Control
Item Weight	30.13 Pounds
Item Dimensions (D x W x H)	24.15"D x 15.35"W x 44.31"H
Material	Plastic
Color	Grey

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

This Uthfy Evaporative Air Cooler comes with a **1 Year Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Uthfy product, please contact Uthfy customer service. Refer to the contact information provided on the product packaging or the official Uthfy website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question