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Uthfy JH-50AI

Uthfy 6500 CFM Swamp Cooler User Manual

Model: JH-50AI

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Uthfy 6500 CFM Evaporative Cooler. Please read this manual thoroughly before operating the unit and retain it for future reference.



Figure 1: Uthfy 6500 CFM Swamp Cooler, 48-inch model.

2. KEY FEATURES

The Uthfy 6500 CFM Evaporative Cooler is designed for powerful and efficient cooling in large spaces. Its key features include:

- **High Airflow Capacity:** Delivers up to 6500 cubic feet per minute (CFM) of air, suitable for areas up to 1600 square feet.

- **Adjustable Speeds & Oscillation:** Features 3 fan speeds and 120° wide oscillation for uniform air distribution.
- **Large Water Tank:** Equipped with a 19-gallon (72-liter) water tank for extended operation without frequent refills.
- **Enhanced Cooling:** Utilizes 3 enhanced evaporative cooling pads and includes 5 ice packs to significantly reduce air temperature.
- **Multiple Water Filling Options:** Supports manual top filling and continuous automatic refilling via a garden hose adapter.
- **Portability:** Fitted with four durable casters (two with brakes) for easy movement across various surfaces.
- **Durable Construction:** Features a robust copper motor and metal material for longevity.
- **Low Noise Operation:** Operates at a noise level of approximately 45 dB.

Delivers a Forceful and Cooling Airflow

120°

Oscillation

**39
ft/s**

Air Flow

**1600
sq.ft**

Max Room Size

6500CFM



Figure 2: Illustration of the powerful airflow and wide coverage area.

3-Side Cooling Pad Boosts Cooling Efficiency



Figure 3: View of the 3-side cooling pad system for improved efficiency.

3. SETUP

Follow these steps to set up your evaporative cooler:

1. **Unpacking:** Carefully remove the unit from its packaging. Inspect for any damage during transit.
2. **Caster Installation:** Attach the four casters to the base of the unit. Two casters are equipped with

brakes; position them as desired for stability.

3. **Positioning:** Place the cooler on a flat, stable surface in the desired location. Ensure there is adequate space around the unit for proper airflow.
4. **Water Filling:**
 - **Manual Top Fill:** Open the top cover and pour water directly into the tank. Monitor the Low-Max water level indicator to avoid overfilling.
 - **Continuous Auto-Fill:** Connect a garden hose to the included compatible adapter and attach it to the designated inlet port. The unit features an auto-pause function to prevent overfilling.
5. **Ice Pack Placement:** For enhanced cooling, place the provided ice packs into the designated compartment, typically located near the cooling pads.
6. **Power Connection:** Plug the power cord into a standard 120-volt electrical outlet.

Caster Wheels for Effortless Movement



Figure 4: Close-up of the caster wheels for easy mobility.



Figure 5: Depiction of the three convenient ways to add water to the unit.

4. OPERATING INSTRUCTIONS

The Uthfy 6500 CFM Evaporative Cooler features a user-friendly mechanical control panel.

Engineered Design Details

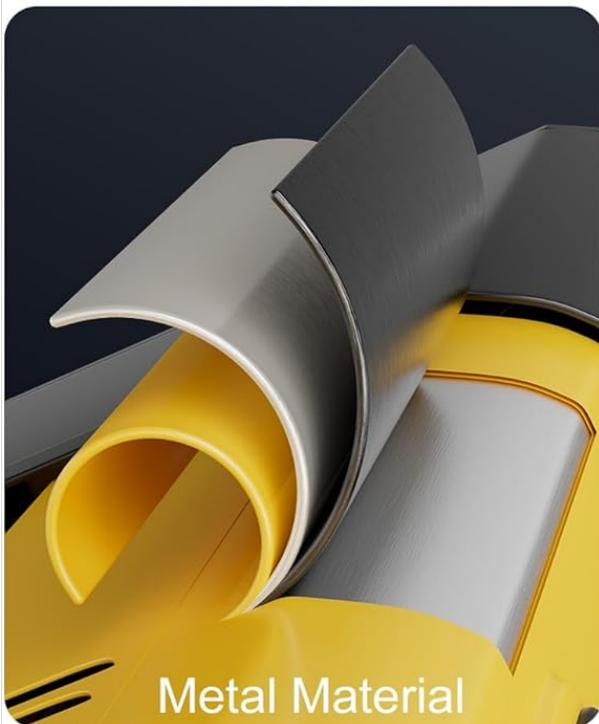


Figure 6: Detailed view of the mechanical control panel and internal components.

1. **Power On/Off:** Press the 'Power' button to turn the unit on or off.
2. **Adjusting Fan Speed:** Use the speed control buttons (High, Medium, Low) to select your desired airflow intensity.
3. **Oscillation Control:** Press the 'Swing' button to activate or deactivate the 120° oscillation feature, which helps distribute cool air evenly across the room.
4. **Cooling Function:** Ensure the water tank is filled. Press the 'Cooling' button to engage the evaporative cooling function. The unit will begin to draw water from the tank to moisten the cooling pads.
5. **Water Level Indicator:** Periodically check the Low-Max water level indicator to ensure sufficient

water for continuous cooling. Refill as needed.

Important Operating Notes:

- For optimal cooling, ensure adequate ventilation in the area where the cooler is operating. Evaporative coolers work best in dry climates.
- The unit is designed for residential use and suitable for spaces like garages, patios, yards, and factories.

5. MAINTENANCE

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

- **Water Tank Cleaning:**
 - Drain the water tank regularly, especially if the unit will not be used for an extended period. The clearly marked drain port at the bottom simplifies this process.
 - Clean the tank with a mild detergent and water to prevent mold, mildew, and mineral buildup. Rinse thoroughly.
- **Cooling Pad Cleaning/Replacement:**
 - Periodically inspect the cooling pads for mineral deposits or debris.
 - Clean pads by rinsing them with water. For heavy buildup, a soft brush may be used.
 - Replace cooling pads if they become excessively clogged or damaged, as this can reduce cooling efficiency.
- **Exterior Cleaning:** Wipe the exterior surfaces of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When storing the unit for off-season, ensure the water tank is completely drained and dry. Store in a cool, dry place away from direct sunlight.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your evaporative cooler.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power button not pressed.	Check power cord connection and wall outlet. Ensure the 'Power' button is pressed.
Weak airflow.	Fan speed set too low; Obstruction in air intake/outlet.	Increase fan speed. Check for and remove any obstructions.
Insufficient cooling.	Low water level; Dry cooling pads; High humidity; Clogged cooling pads.	Refill water tank. Ensure cooling function is activated. Open a window or door to reduce humidity. Clean or replace cooling pads.

Problem	Possible Cause	Solution
Unpleasant odor.	Stagnant water in tank; Mold/mildew on pads.	Drain and clean the water tank thoroughly. Clean or replace cooling pads.
Water leakage.	Overfilled water tank; Loose drain plug; Damaged hose connection.	Do not overfill the tank. Ensure drain plug is securely closed. Check hose connections for tightness.

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

7. SPECIFICATIONS

Attribute	Detail
Brand	Uthfy
Model Name	swamp cooler (JH-50AI)
Size	48IN
Product Dimensions	25.98"D x 18.7"W x 47.64"H
Item Weight	53.8 pounds
Air Flow Capacity	6500 Cubic Feet Per Minute (CFM)
Reservoir Capacity	19 Gallons
Voltage	120 Volts
Noise Level	45 dB
Mounting Type	Freestanding
Controls Type	Button
Special Features	Auto and Top Fill, 3-Side Cooling Pad, 120° Oscillation, Adjustable Speeds, Built-In 360° Caster Wheels, Metal Material, Copper Motor, Powerful Cooling
Recommended Uses	Residential (Garage, Patio, Yard, Factory)
UPC	774882975281
Country of Origin	China

8. WARRANTY & SUPPORT

Warranty Information:

This Uthfy Evaporative Cooler comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for any warranty claims.

Customer Support:

For any questions, technical assistance, or warranty inquiries, please contact Uthfy customer support.

Refer to the product packaging or the retailer's website for the most current contact information.

You may also find helpful resources and FAQs on the official Uthfy website.

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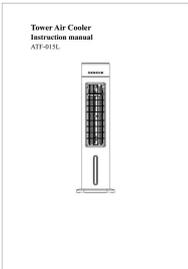
Related Documents - JH-50AI

	<p>JH-60AI-H Mobile Evaporative Air Cooler Operation User Manual User manual for the JH-60AI-H Mobile Evaporative Air Cooler, detailing operation, safety instructions, cleaning, maintenance, and troubleshooting.</p>
	<p>Uthfy Evaporative Air Cooler User Guide User guide for the Uthfy Evaporative Air Cooler, model HY-43Y. Includes important safety instructions, operating instructions, parts list, and troubleshooting.</p>
	<p>Uthfy Air Cooler User Guide User guide for the Uthfy Air Cooler, model HY-66R. Learn about important safety instructions, how to use and clean your air cooler, and customer care information.</p>
	<p>JH-MTF01R Evaporative Air Cooler Operation User Manual This user manual provides instructions for operating and maintaining the JH-MTF01R Evaporative Air Cooler. It includes important safety instructions, product details, assembly guidance, operating instructions for the control panel and remote control, and maintenance tips.</p>



[Uthfy JDAC75 JDAC75R Air Cooler Instruction Manual](#)

Comprehensive instruction manual for the Uthfy JDAC75 and JDAC75R evaporative air coolers. Includes details on operation, installation, technical specifications, safety precautions, and maintenance.



[ATF-015L Tower Air Cooler Instruction Manual](#)

Instruction manual for the ATF-015L Tower Air Cooler, covering components, operation, safety precautions, and maintenance.