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› Uthfy 48-inch 6500 CFM Evaporative Air Cooler Instruction Manual

Uthfy JH-50AI-2

Uthfy 48-inch 6500 CFM Evaporative Air Cooler Instruction Manual

Model: JH-50AI-2

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Uthfy 48-inch 6500 CFM Evaporative Air Cooler. This unit is designed to provide powerful cooling for large areas up to 1,600 sq. ft., making it suitable for garages, patios, yards, and factories. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INSTRUCTIONS

- Always ensure the unit is placed on a stable, level surface to prevent tipping and water spillage.
- Do not operate the cooler 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.
- Keep children and pets away from the unit during operation.
- Do not insert objects into the air vents or openings.
- Ensure proper ventilation when operating the unit indoors to prevent excessive humidity.
- Use only clean water in the water tank. Do not add any chemicals or additives.
- 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.

PACKAGE CONTENTS

Verify that all components are present before assembly and operation:

- 1 x Uthfy 48-inch 6500 CFM Evaporative Air Cooler
- 4 x Caster Wheels

- 5 x Ice Packs
- Instruction Manual

SETUP

1. Attaching Caster Wheels

Carefully tilt the cooler and attach the four caster wheels to the designated slots on the bottom of the unit. Ensure they are securely fastened. Two of the wheels are lockable for stability.



Image: Caster wheels for effortless movement. The image shows a close-up of a caster wheel being installed on the base of the cooler, highlighting its mobility feature.

2. Filling the Water Tank

The unit features a large 19-gallon water tank and offers multiple filling options:

- **Top Filling:** Open the top lid and pour water directly into the tank.
- **Manual Water Fill:** Use the side access port for manual filling.
- **Continuous Filling:** Connect a standard garden hose to the continuous fill adapter for automatic water supply.

Ensure the water level does not exceed the 'MAX' indicator. For enhanced cooling, place the included ice packs (after freezing) into the designated compartments in the top lid.

16 Gal Extral Large Water Tank for Continuous Cooling



Image: Three hassle-free ways to add water. This visual guide illustrates the top filling, manual water fill, and continuous filling options for the 19-gallon water tank.

Video: Uthfy Large Swamp Cooler. This video demonstrates the features and operation of the Uthfy evaporative air cooler, including water filling and control panel usage.

OPERATING INSTRUCTIONS

1. Power On/Off

Plug the power cord into a standard 120V electrical outlet. Press the red 'Power' button on the control panel to turn the unit on or off.

2. Adjusting Fan Speed

The cooler features 3 fan speeds: Low, Medium, and High. Use the corresponding buttons on the control panel to select your desired airflow.

3. Cooling and Oscillation Functions

Press the 'Cooling' button to activate the evaporative cooling function. This circulates water over the cooling pads to produce cooler air. Press the 'Swing' button to activate the 120° oscillation feature, which distributes cool air across a wider area.



Image: Mechanical Control Panel. This image displays the user-friendly mechanical buttons for controlling fan speed, oscillation, cooling, and power.

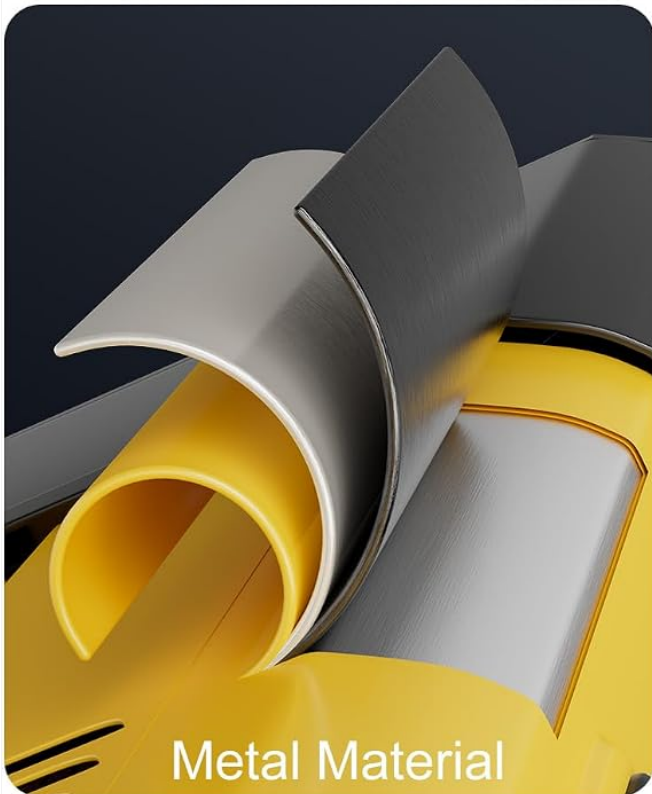
Engineered Design Details



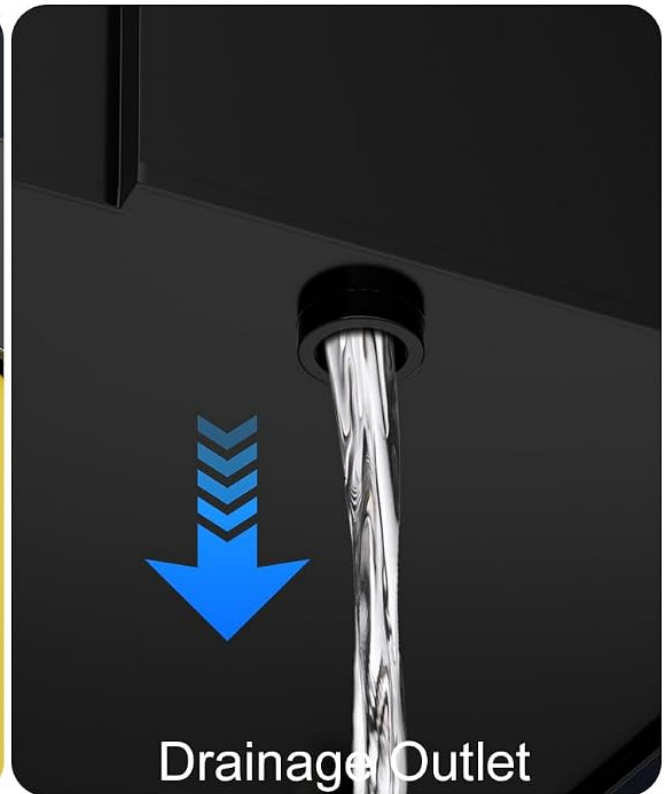
Copper Motor



Mechanical Control Panel



Metal Material



Drainage Outlet

Image: Delivers a forceful and cooling airflow. This image highlights the 6500 CFM airflow, 120° oscillation, and 1600 sq. ft. maximum room size coverage.

MAINTENANCE

1. Draining the Water Tank

Regularly drain the water tank to prevent stagnant water and maintain hygiene. The unit features a built-in drainage pipe for easy emptying. Simply open the drainage outlet at the bottom of the unit to release the water.



Image: Drainage Outlet. This image shows the convenient drainage outlet for easy water removal from the tank.

2. Cleaning Cooling Pads

The unit utilizes triple intake panels with cooling pads. Periodically inspect and clean the cooling pads to ensure optimal performance. Refer to the diagram below for access. Gently rinse the pads with clean water to remove dust and mineral buildup. Allow them to dry completely before reinserting.

Caster Wheels for Effortless Movement



Image: 3-Side Cooling Pad Boosts Cooling Efficiency. This image illustrates the internal structure with three cooling pads, emphasizing their role in maximizing cooling.

3. Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

4. Storage

When not in use for extended periods, drain the water tank completely, clean the unit, and store it in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on	No power supply; Power button not pressed; Damaged power cord	Check power outlet and plug; Press the Power button; Contact customer support if cord is damaged
No cool air / Weak cooling	Water tank empty; Cooling pads dry or dirty; Insufficient ventilation; High ambient humidity	Fill water tank; Clean or replace cooling pads; Ensure adequate airflow; Evaporative coolers are less effective in high humidity
Unusual noise	Unit not level; Obstruction in fan; Low water level	Place on a level surface; Check for and remove obstructions; Refill water tank
Water leakage	Drainage plug not secured; Water tank overfilled; Unit tilted	Ensure drainage plug is tightly closed; Do not overfill past 'MAX' line; Place unit on a level surface

SPECIFICATIONS

- Brand:** Uthfy
- Model Name:** Swamp Cooler
- Model Number:** JH-50AI-2
- Size:** 48 inches
- Material:** Iron
- Mounting Type:** Freestanding
- Color:** Yellow
- Air Flow Capacity:** 6500 CFM (Cubic Feet Per Minute)
- Controls Type:** Button
- Reservoir Capacity:** 19 Gallons
- Floor Area Coverage:** 1600 Square Feet (Max)
- Item Weight:** 54 Pounds
- Wattage:** 350 Watts
- Noise Level:** 50 Decibels
- Number of Speeds:** 3
- Voltage:** 120V
- Oscillation:** 120°
- Item Dimensions (D x W x H):** 19"D x 26"W x 48"H
- Included Components:** 4 x Caster Wheels, Swamp Cooler, 5 x Ice Packs



Image: Copper Motor. This image highlights the durable copper motor, indicating robust performance.



Image: Metal Material. This image showcases the robust metal construction of the cooler, emphasizing its durability.

WARRANTY & SUPPORT

Warranty Information

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

Customer Support

For any questions, technical assistance, or warranty inquiries, please visit the official Uthfy Store or contact their customer service department. You can find more information and contact details by visiting the [Uthfy Store on Amazon](#).

