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KEGIAN JH-60AI

KEGIAN JH-60AI 8979CFM Evaporative Air Cooler User Manual

Model: JH-60AI | Brand: KEGIAN

1. Introduction

The KEGIAN JH-60AI Evaporative Air Cooler is designed to provide efficient cooling for large areas up to 1800 square feet. Utilizing evaporative cooling technology, it offers a natural breeze effect, making it an energy-saving alternative to traditional air conditioning in dry climates. This manual provides essential information for the safe and effective operation and maintenance of your evaporative air cooler.



Figure 1: Principle of Evaporative Cooling. Hot, dry air passes through moistened pads, resulting in cooler, more humid air.

2. Important Safety Instructions

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

- Always operate the unit on a stable, level surface.
- Do not immerse the unit, plug, or cord in water or other liquids.
- 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 block air inlets or outlets. Ensure adequate ventilation around the unit.
- Use only with a properly grounded electrical outlet.
- Do not use the unit if the power cord or plug is damaged. Contact customer support for assistance.
- This appliance is intended for outdoor or well-ventilated indoor use. In dry climates, keep windows ventilated when in use.

3. Package Contents

Verify that all items are included in your package:

- KEGIAN Evaporative Cooler (1)
- Ice Packs (5)
- Hose Adapter (1)
- User Manual (1)
- Universal Wheels (4)

4. Setup and Assembly

4.1 Attaching the Wheels

Attach the four universal wheels to the bottom of the unit. Two of the wheels are locking casters for stability.



Figure 2: Heavy-duty casters allow for easy movement of the unit.

4.2 Filling the Water Tank

The unit features a 36-gallon water tank for extended cooling. You can fill the tank manually or use the continuous auto-fill option.

- **Manual Fill:** Open the wide top opening and pour water directly into the tank.
- **Auto-Fill:** Connect a standard garden hose to the included hose adapter on the side of the unit. The automatic float valve will maintain the water level, preventing overflow.

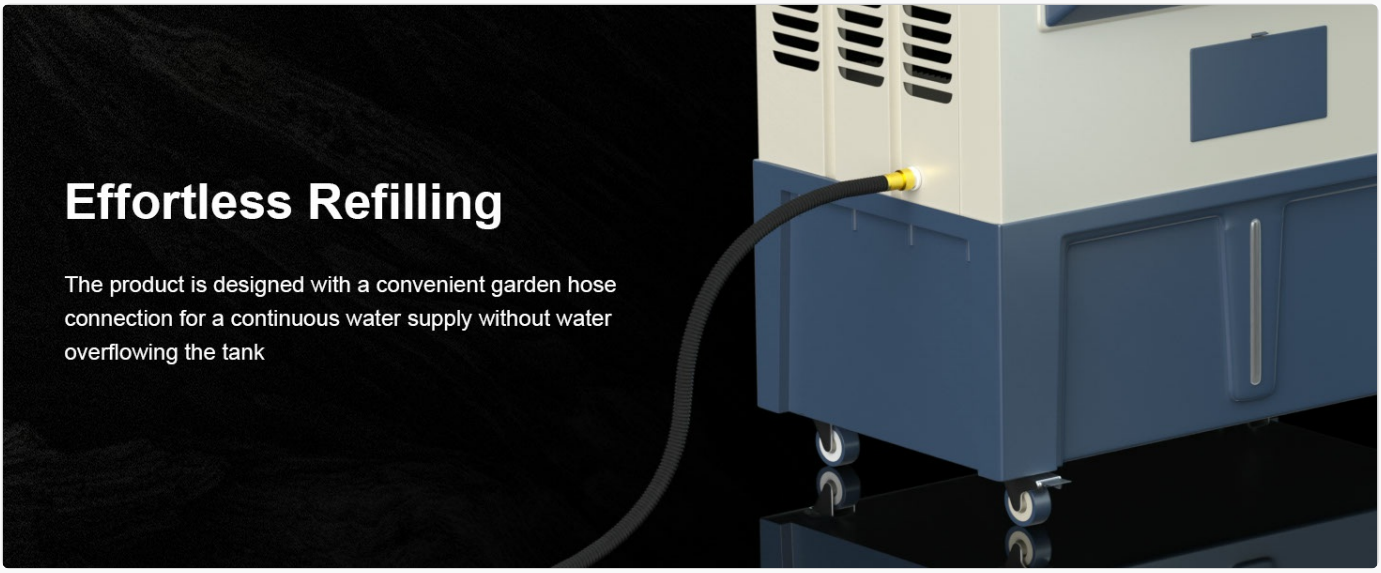


Figure 3: Water filling options including top-fill and continuous hose connection.

4.3 Using Ice Packs (Optional)

For enhanced cooling, freeze the included ice packs and place them in the top compartment of the unit along with water. This provides an extra chill, ideal for very hot conditions.



Figure 4: Adding frozen ice packs to the top compartment for additional cooling.

5. Operating Instructions

5.1 Control Panel Overview

The unit features an easy-to-use control panel with buttons for fan speed and switches for power, cooling, and oscillation.

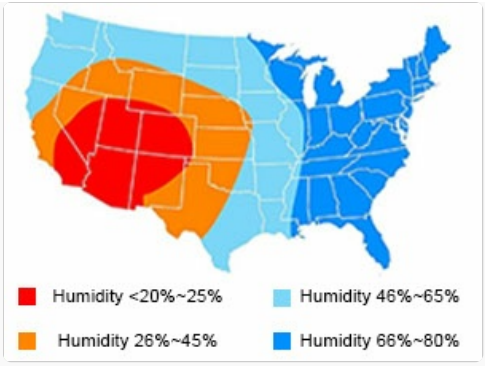


Figure 5: Control Panel with fan speed buttons and function switches.

5.2 Powering On/Off

Press the **Power** switch to turn the unit ON or OFF.

5.3 Adjusting Fan Speed

Select your desired fan speed using the buttons: **High**, **Medium**, or **Low**. Press **Stop** to turn off the fan.

5.4 Activating Cooling Mode

To activate the evaporative cooling function, ensure the water tank is filled, then press the **Cooling** switch. The unit will begin to circulate water over the cooling pads.

5.5 Oscillation Function

Engage the **Swing** switch to activate the 120° oscillation feature, distributing cool air across a wider area.

5.6 Monitoring Water Level

The unit includes a visible water level line on the front to easily monitor the remaining water in the tank.



Figure 6: Water level indicator for easy monitoring.

5.7 Product Demonstration Video

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Video 1: A visual guide demonstrating the features and operation of the KEGIAN 8979CFM Evaporative Air Cooler, including portability, controls, and water filling options.

6. Maintenance

6.1 Draining the Water Tank

For easy maintenance, the unit features a tool-free bottom drain. Simply remove the drain plug to empty the water tank.



Figure 7: Tool-free bottom drain plug for convenient water removal.

6.2 Cleaning Cooling Pads

The KEGIAN evaporative cooler uses three high-density cooling pads. These pads are designed for easy removal and cleaning to maintain optimal performance. Regular cleaning prevents mineral buildup and ensures efficient cooling.



Figure 8: Three-sided cooling pads are easily accessible for cleaning and replacement.

7. Troubleshooting

If you encounter issues with your KEGIAN Evaporative Air Cooler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on	No power supply; Power switch off	Check power cord connection; Ensure power switch is ON.
No cool air	Water tank empty; Cooling function not activated; Cooling pads dry	Fill water tank; Activate Cooling switch; Check water pump for obstructions.

Problem	Possible Cause	Solution
Weak airflow	Fan speed too low; Air inlets/outlets blocked	Increase fan speed; Clear any obstructions from air vents.
Unpleasant odor	Stagnant water; Dirty cooling pads	Drain and refill water tank; Clean or replace cooling pads.

8. Specifications

Feature	Detail
Brand	KEGIAN
Model Name	JH-60AI
Air Volume	8979 CFM
Max Room Size	1800 sq. ft.
Water Tank Capacity	36 Gallons
Speeds	3 (Low, Medium, High)
Oscillation	120°
Product Dimensions (D x W x H)	19"D x 29"W x 58"H
Item Weight	65 Pounds
Voltage	120 Volts (AC)
Wattage	660 Watts
Noise Level	60 Decibels
Control Method	Button Control, Touch Control
Installation Type	Freestanding
Included Components	Ice Packs*5, Hose Adapter*1, User Manual*1, Universal wheels*4, Evaporative Cooler*1



Figure 9: Product dimensions and water tank capacity.

9. Warranty and Support

9.1 Product Warranty

The KEGIAN JH-60AI Evaporative Air Cooler comes with a **1-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use.

9.2 Customer Support

For any product issues, questions, or warranty claims, please contact KEGIAN customer service. Refer to the contact information provided in your purchase documentation or visit the official KEGIAN website for support.

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.

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