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› AKIRES 1800CFM Evaporative Air Cooler JDAC101R Instruction Manual

AKIRES JDAC101R

AKIRES 1800CFM Evaporative Air Cooler

MODEL: JDAC101R

Important Safety Instructions

Please read all instructions carefully before using 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 support.
- Do not immerse the appliance, cord, or plug 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 space around the unit for proper airflow.
- Use only clean water in the water tank. Do not add any chemicals or additives other than specified ice packs.
- This appliance is designed for indoor and outdoor use in dry climates. It is not suitable for use in high humidity environments as it may increase humidity levels.
- Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.

Product Overview

The AKIRES 1800CFM Evaporative Air Cooler is designed to provide cooling and air circulation. It features a 3-in-1 function: fan, evaporative cooler, and humidifier. The unit includes a remote control, touch panel, multiple speed settings, oscillation, and a timer function.

Package Contents

- AKIRES Evaporative Air Cooler (1 unit)
- 360° Swivel Wheels (4 units)
- User Manual (1 unit)

- Ice Packs (4 units)
- Remote Control (1 unit)



Image: The main AKIRES 1800CFM Evaporative Air Cooler unit, showcasing its design and components.

Setup

1. Attaching the Casters

The unit comes with four swivel casters for easy mobility. Turn the unit upside down carefully. Insert each caster into the designated holes on the bottom of the unit until they click securely into place. Ensure all casters are firmly attached before placing the unit upright.

2. Filling the Water Tank

The evaporative cooler can be filled with water using two methods: the top header tank or the lower water tank. For optimal cooling, use cold water and the provided ice packs.

- **Top Fill:** Open the top cover of the unit. Pour water directly into the header tank. This method is convenient as it does not require bending over.
- **Lower Tank Fill:** Pull out the lower water tank from the back of the unit. Fill it with water, then slide it back into place. Ensure the tank is securely closed to prevent leaks.

The water tank has a visible water level indicator on the front of the unit. Do not exceed the 'MAX' fill line. The 6.0-gallon capacity allows for extended operation without frequent refills.



Image: A person adding water to the top of the AKIRES Evaporative Air Cooler, demonstrating the easy top-fill method.

3. Using Ice Packs

For enhanced cooling performance, utilize the included ice packs:

1. Fill the ice packs with water and shake them.
2. Place the filled ice packs in a freezer for at least 6 hours until completely frozen.
3. Once frozen, place the ice packs into the top header tank or the lower water tank.



Image: A visual guide demonstrating the steps to prepare and insert ice packs into the evaporative cooler for improved cooling.

4. Placement

Position the evaporative cooler in a well-ventilated area. For best results in dry climates, ensure there is an open window or door nearby to allow for proper air circulation and prevent humidity buildup. Avoid placing the unit directly against walls or furniture that could obstruct airflow.

Operation

The AKIRES Evaporative Air Cooler can be controlled using either the touch control panel on top of the unit or the included remote control.

Control Panel and Remote Control Functions

3-IN-1 Swamp Cooler

More refreshing · More soothing · More healthy



Image: A close-up view of the AKIRES Evaporative Air Cooler's touch control panel and its remote control, highlighting the various function buttons.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes: Normal, Natural, and Cooling.
- **Speed Button:** Adjusts fan speed: Low, Medium, High.
- **Timer Button:** Sets the auto-off timer from 1 to 12 hours. Press repeatedly to select desired duration.
- **Oscillation Button:** Activates or deactivates the 120° horizontal oscillation. The unit also features a 120° vertical swing function for wider air distribution.
- **Cool Button:** Activates or deactivates the evaporative cooling function. This function requires water in the tank.

Operating Modes

- **Normal Mode:** The fan operates at a constant speed.
- **Natural Mode:** The fan speed varies to simulate a natural breeze.
- **Cooling Mode:** Activates the water pump to circulate water over the evaporative pad, providing a cooling effect. This mode is most effective in dry environments.

Video: AKIRES 1800CFM Swamp Cooler, Evaporative Air Cooler 101

Your browser does not support the video tag.

Video: An instructional video demonstrating the features and basic operation of the AKIRES 1800CFM Evaporative Air Cooler, including control panel usage and mode selection.

Maintenance

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

1. Cleaning the Water Tank

To prevent mold and mildew growth, clean the water tank regularly, especially if the unit is not used daily. Unplug the unit before cleaning. Remove the lower water tank and empty any remaining water. Wash the tank with mild soap and water, then rinse thoroughly. Allow it to air dry completely before reinserting.

2. Cleaning the Evaporative Pad

The evaporative pad (cooling pad) should be cleaned periodically, depending on water quality and usage. Unplug the unit. The back panel is removable for access to the evaporative pad. Carefully remove the pad and rinse it under running water to remove any dust or mineral deposits. Do not use harsh chemicals. Allow the pad to dry completely before reinstalling.



Image: A diagram illustrating the removable back panel of the AKIRES Evaporative Air Cooler, providing access to the evaporative pad for cleaning and maintenance.

3. Exterior Cleaning

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

Troubleshooting

If you encounter issues with your AKIRES 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	Check if the unit is plugged into a working outlet. Ensure the power cord is securely connected.

Problem	Possible Cause	Solution
No cooling effect	Water tank empty Cooling mode not activated Evaporative pad is dry or dirty High humidity environment	Fill the water tank. Press the 'Cool' button on the control panel or remote. Clean or replace the evaporative pad. Evaporative coolers are less effective in high humidity. Ensure proper ventilation.
Weak airflow	Fan speed set too low Air inlets/outlets blocked	Increase the fan speed using the 'Speed' button. Ensure there are no obstructions around the unit.
Unusual noise	Unit not on a level surface Foreign object in fan/water pump	Place the unit on a stable, level surface. Unplug the unit and inspect for any obstructions. Contact customer support if the noise persists.
Water leakage	Water tank not properly installed Water level too high	Ensure the water tank is securely closed and correctly inserted. Do not overfill the water tank beyond the 'MAX' line.

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

Specifications

Feature	Specification
Brand	AKIRES
Model Name	JDAC101R
Airflow	1800 CFM
Water Tank Capacity	6.0 Gallons
Cooling Power	1 KW
Wattage	75 Watts
Voltage	120 Volts
Noise Level	40 dB
Product Dimensions (D x W x H)	14" x 12" x 31"
Item Weight	14 Pounds
Control Method	Remote, Touch
Oscillation	120° Horizontal, 120° Vertical Swing
Timer	1-12 Hours
Included Components	Swamp Cooler, 4 Wheels, User Manual, 4 Ice Packs

Warranty and Support

This AKIRES Evaporative Air Cooler (Model JDAC101R) comes with a **1-Year Manufacturer 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:

- Improper installation or use not in accordance with the instruction manual.
- Accidents, abuse, neglect, or unauthorized repairs.
- Power surges or improper voltage supply.
- Normal wear and tear, including consumable parts like evaporative pads.

For warranty claims or technical support, please contact AKIRES customer service. Please have your purchase receipt and product model number (JDAC101R) available when contacting support.