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> [VAGKRI](#) /

> VAGKRI Evaporative Cooler Instruction Manual

VAGKRI VA-EC02

VAGKRI Evaporative Cooler Instruction Manual

Model: VA-EC02 | Brand: VAGKRI

1. INTRODUCTION AND OVERVIEW

The VAGKRI Evaporative Cooler is a versatile 3-in-1 unit offering cooling, fan, and humidification functions. Designed for energy efficiency, it provides a cost-effective alternative to traditional air conditioning, especially in dry climates. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting.

This model features a powerful 3000 CFM (Cubic Feet Per Minute) airflow capacity, 120° oscillation for wide coverage, and a large 12-gallon water reservoir for extended operation. It includes both an electronic control panel and a remote control for convenient operation, along with a 24-hour timer function.



Figure 1: VAGKRI 3000CFM Evaporative Cooler with remote control.

2. SAFETY INSTRUCTIONS

- Always place the unit on a stable, level surface.
- Do not operate the unit in confined or excessively humid areas to prevent moisture buildup.
- Ensure the power cord is not damaged and is properly plugged into a grounded outlet (120 Volts).
- Keep children and pets away from the unit during operation.
- Unplug the unit from the power outlet before cleaning, refilling, or performing any maintenance.
- Do not insert objects into the air vents.
- Use only clean water in the reservoir.
- Do not use the unit if any part is damaged. Contact support for assistance.

3. PRODUCT COMPONENTS

The VAGKRI Evaporative Cooler includes the following components:

- Evaporative Cooler Unit (with built-in 12-gallon reservoir and casters)
- Remote Control
- Two (2) Extra Large Ice Packs
- Hose Attachment (for continuous water fill)

Easy Operation

LED Control Panel and Remote Control



Fan Speed



Swing



Timer



Cool Mode



Figure 2: Control panel and remote control for easy operation.

4. SETUP

1. **Unpacking:** Carefully remove the evaporative cooler and all accessories from the packaging. Retain packaging for future storage or transport.

2. **Positioning:** Place the unit on a firm, level surface. The integrated casters allow for easy mobility. Ensure there is adequate space around the unit for proper airflow. This unit is suitable for both indoor and outdoor use.

3. **Initial Water Fill:**

- Open the top lid of the unit.
- Manually fill the 12-gallon reservoir with clean water. The transparent water window on the side allows you to monitor the water level. Do not overfill beyond the "MAX" line.
- Alternatively, for continuous operation, attach a standard garden hose to the hose attachment port located at the rear of the unit. The float valve will automatically maintain the water level.



Figure 3: Water reservoir with continuous fill option via garden hose.

4. **Ice Pack Preparation (Optional):** For enhanced cooling, freeze the two included ice packs for 4-6 hours. Once frozen, place them into the designated compartments within the top water tank.

5. **Power Connection:** Plug the unit into a standard 120 Volt grounded electrical outlet.

5. OPERATING INSTRUCTIONS

The VAGKRI Evaporative Cooler can be operated using either the electronic control panel on top of the unit or the included remote control.

Control Panel / Remote Functions:

- **ON/OFF Button:** Powers the unit on or off.
- **Speed Button:** Cycles through 3 wind speeds (Low, Medium, High).
- **Swing Button:** Activates the 120° horizontal oscillation function to distribute air widely. Vertical swing can be adjusted manually.
- **Timer Button:** Sets the automatic shut-off timer for up to 24 hours.
- **Cool Button:** Activates the evaporative cooling function, utilizing water from the reservoir to cool the air.

Triple-Purpose



Cooling
Air



Add
Humidity



Increase
Air Flow



Figure 4: The 3-in-1 functionality of the evaporative cooler.



Figure 5: 120° oscillation provides wide area cooling up to 950 sq. ft.

6. MAINTENANCE

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

- **Water Tank Cleaning:**

- Unplug the unit before cleaning.
- Drain any remaining water from the 12-gallon tank using the drain plug at the bottom.
- Clean the tank regularly with a mild detergent and water to prevent mold or mildew buildup. Rinse thoroughly.

- **Cooling Pad Maintenance:**

- The unit features 3-sided cooling pads. Periodically inspect these pads for mineral buildup or debris.
- If necessary, remove the pads (refer to specific instructions in the full manual for removal) and rinse them with clean water. Do not use harsh chemicals.
- Ensure pads are completely dry before reinserting them into the unit.

- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or allow water to enter the control panel.

- **Storage:** If storing the unit for an extended period, ensure the water tank and cooling pads are completely dry. Store in a cool, dry place.



Figure 6: Top-fill design for easy water and ice pack addition.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord damaged, unit not plugged in.	Check power outlet, inspect power cord, ensure unit is securely plugged in.
No cool air.	Water reservoir empty, cooling pads dry, "Cool" function not activated.	Fill water reservoir, ensure cooling pads are wet, press the "Cool" button.
Air feels humid, not cool.	Operating in a closed or already humid environment.	Ensure adequate ventilation (open a window/door). Evaporative coolers work best in dry climates.
Unpleasant odor.	Stagnant water or dirty cooling pads.	Drain and clean the water tank. Clean or replace cooling pads if necessary. Use fresh water.
Water leakage.	Overfilled reservoir, unit not level, drain plug not secured.	Do not overfill. Ensure unit is on a level surface. Secure the drain plug.

If problems persist after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Brand	VAGKRI
Model Name	VA-EC02
Air Flow Capacity	3000 Cubic Feet Per Minute (CFM)
Reservoir Capacity	12 Gallons
Floor Area Coverage	Up to 950 Square Feet
Oscillation	120° Horizontal
Wind Speeds	3 (Low, Medium, High)
Timer	24-Hour
Voltage	120 Volts
Item Weight	40.1 pounds
Product Dimensions (D x W x H)	24.02"D x 16.54"W x 42.91"H
Mounting Type	Freestanding
Recommended Use	Residential (Indoor/Outdoor)

9. WARRANTY AND SUPPORT

This VAGKRI Evaporative Cooler comes with a **1-year manufacturer's warranty**.

For technical support, warranty claims, or any questions regarding your product, please refer to the contact information provided in your product packaging or visit the official VAGKRI website.

Thank you for choosing VAGKRI.