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**VAGKRI VA-AC03**

# VAGKRI 12,000 BTU Portable Air Conditioner User Manual

**MODEL: VA-AC03**

**Brand: VAGKRI**

## 1. PRODUCT OVERVIEW

The VAGKRI 12,000 BTU (8350 BTU SACC) Portable Air Conditioner is a versatile 3-in-1 unit designed to provide optimal comfort in your living space. It combines powerful cooling, efficient dehumidification, and effective air circulation through its fan function. This unit is suitable for cooling rooms up to 450 square feet, ensuring a comfortable environment even on hot summer days.

It utilizes R-32 HFC-32 refrigerant, which has a Global Warming Potential (GWP) of 675, reflecting a commitment to environmental responsibility while maintaining high cooling performance.

# Cooling off in a Flash

Powerful heat exchange delivers more efficient and profound cold air

**12000**  
BTU

Ashrae

**8350**  
BTU

Doe/Sacc

**500**  
ft<sup>2</sup>

Max  
Room Size

**370**  
m<sup>3</sup>/h

Max  
Air Flow



Image: Powerful cooling efficiency for spaces up to 450 sq.ft.

# 3-IN-1

## Portable air conditioner



Image: Three-in-one functionality: AC, Dehumidifier, and Fan.

## 2. SETUP AND INSTALLATION

Before operating your VAGKRI Portable Air Conditioner, ensure proper setup and installation to maximize efficiency and performance.

### 2.1 Unpacking and Component Check

Carefully unpack all components from the box. Verify that all parts listed in the 'Quick Start' diagram are present and undamaged.

# Quick Start

Everything you need included



Image: Quick Start guide with all included components and dimensions.

## 2.2 Window Kit Installation

1. Assemble the window slider kit according to your window type (double-hung or sliding windows).
2. Attach the exhaust hose to the unit and then to the window slider kit.
3. Ensure the window kit is securely sealed in the window opening to prevent warm air from entering the room.



Image: Examples of suitable window types for installation.

### 2.3 Positioning the Unit

Place the air conditioner on a flat, stable surface. For optimal performance, ensure the unit is at least 20 inches away from the window for double-hung and sliding windows to allow for proper airflow and exhaust.

# Easy Mobility

With smooth-gliding wheels and handles to roll from room to room



Image: Easy mobility with smooth-gliding wheels and handles.

## 3. OPERATING MODES AND CONTROLS

Your VAGKRI Portable Air Conditioner offers multiple modes and customizable settings for personalized comfort.

### 3.1 Available Modes

- **Cool Mode:** Provides powerful cooling to lower room temperature.
- **Dehumidifier Mode:** Reduces humidity in the air, ideal for damp conditions.
- **Fan Mode:** Circulates air without cooling, offering a refreshing breeze.
- **Smart Mode:** Automatically adjusts operation between Cool or Fan mode based on the room temperature, optimizing energy usage.
- **Sleep Mode:** Maintains an optimal temperature at a low fan speed, ensuring a quiet and comfortable environment for rest.

## 4 Modes to meet your various needs



Image: Four modes to meet your various needs: Cool, Fan, Smart, Dry.



Image: Sleep Mode provides a safe sleeping environment with low noise.

### 3.2 Fan Speeds and Temperature Control

- Choose from 3 fan speeds: High, Low, or Auto.
- Adjust the temperature within a wide range of 64°F to 90°F in 1°F increments.
- The auto-swing function ensures wide-angle airflow, cooling your room in all directions.

# Flexible Airflow Control

3 speeds



3 Wind Modes



Image: Flexible airflow control with multiple fan speeds and wind modes.

## 3.3 Control Panel and Remote Control

The unit features an easy-to-read LED panel for direct control. A full-function remote control is also included, allowing you to change modes or temperature from up to 23 feet away.

# LED Full Function Remote Control & Panel



24H Timer



64°F-90°F



23ft



Image: LED panel and full-function remote control for convenient operation.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your VAGKRI Portable Air Conditioner.

### 4.1 Air Filter Cleaning

The unit is equipped with a removable and washable air filter. Regularly clean the filter to maintain optimal air quality and cooling performance. Refer to the detailed instructions in the full user manual for cleaning procedures.

## Removable & Washable Air Filter

Continuously comfort you with clean, cool and fresh air to protect your home and living space from the bothers of dust and pet hair

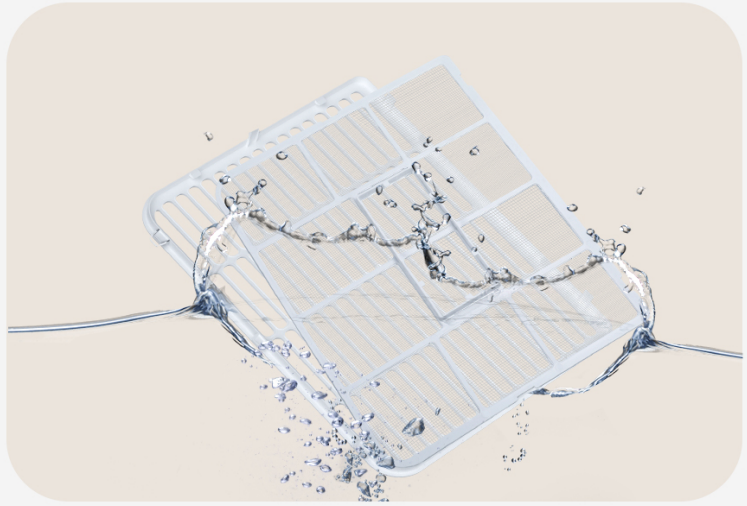


Image: Removable and washable air filter for easy maintenance.

## 4.2 Water Drainage

During dehumidification or cooling in high humidity, the unit will collect water. The unit has drain holes and a siphon for water removal. Ensure the drain hose is properly connected and directed to a suitable drainage point (e.g., a bucket or floor drain) to prevent overflow. Monitor the water level and drain as needed.

## 5. TROUBLESHOOTING

If you encounter issues with your VAGKRI Portable Air Conditioner, refer to the following common troubleshooting tips. For more complex problems, consult the full user manual or contact customer support.

- **Unit not cooling effectively:** Check if the exhaust hose is properly installed and sealed. Ensure the air filter is clean. Verify that the room size is within the unit's cooling capacity.
- **No water draining:** In low humidity environments, less water may be collected. Ensure the unit is operating in a mode that produces condensate (Cool or Dehumidify).
- **Unusual noises:** Check for any obstructions in the fan or air vents. Ensure the unit is on a stable, level surface.
- **Remote control not working:** Check the batteries in the remote control. Ensure there are no obstructions between the remote and the unit's sensor.

## 6. SPECIFICATIONS

Feature	Specification
Brand	VAGKRI
Model Number	VA-AC03

Feature	Specification
Cooling Capacity (ASHARE)	12,000 BTU
Cooling Capacity (SACC/DOE)	8,350 BTU
Coverage Area	Up to 450 Sq.Ft
Functions	AC, Fan, Dehumidifier
Power Source	Corded Electric
Voltage	115 Volts
Wattage	1380 watts
Sound Level	52 dB
Product Dimensions	13.4 x 15 x 27.6 inches
Item Weight	66.9 pounds
Temperature Range	64°F to 90°F
Refrigerant	R-32
Special Features	Remote Controlled, Auto Swing, Sleep Mode, Low Noise, Dehumidifier

## 7. WARRANTY AND SUPPORT

VAGKRI is committed to providing quality products and customer satisfaction.

### 7.1 Returns Policy

This product is eligible for 30-day easy returns. Please refer to the retailer's return policy for full details.

### 7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact VAGKRI customer support. You can also refer to the official [User Manual \(PDF\)](#) for comprehensive information.