ZAFRO A9048E-8K

ZAFRO 12,000 BTU Portable Air Conditioner User Manual

Brand: ZAFRO | Model: A9048E-8K

1. Introduction

The ZAFRO 12,000 BTU Portable Air Conditioner is a versatile 3-in-1 smart unit designed to provide optimal comfort in your home or office. It efficiently cools spaces up to 270 sq. ft., dehumidifies in humid climates, and circulates air with its fan function. Featuring smart control via the ZAFRO app, Amazon Alexa, or Google Home, along with a remote and touch panel, this unit offers convenient operation. Its compact design and included window installation kit ensure easy setup and portability.



Figure 1.1: Overview of the ZAFRO Portable Air Conditioner's cooling capacity and temperature range.

2. Product Overview

Familiarize yourself with the components of your ZAFRO Portable Air Conditioner.



Figure 2.1: ZAFRO Portable Air Conditioner with its remote control and smartphone app interface.



Figure 2.2: Detailed view of the ZAFRO Portable Air Conditioner highlighting its dimensions (27.20 in height, 20.35 in depth, 10.71 in width) and key components like the air inlet filter, fan blades, and rolling casters.

3. Setup and Installation

Follow these steps for proper setup and installation of your portable air conditioner.

3.1 Unboxing

The packaging is designed for easy unboxing. The unit is secured with straps that can be cut, allowing the box to be lifted off the unit. Accessories are typically found within the Styrofoam packaging.

3.2 Window Installation

The unit includes a universal adjustable bracket suitable for both sliding and double-hung windows. Ensure the window kit is properly sealed to maximize cooling efficiency.



Figure 3.1: Illustration of the window installation kit, showing compatibility with double/single-hung windows and sliding slash windows, with dimensions for proper fit.

4. Operating Instructions

Your ZAFRO Portable Air Conditioner offers multiple modes and control options for optimal comfort.

4.1 Control Panel and Remote

The unit features an intuitive digital display panel and comes with a remote control for convenient operation. The remote has an ultra-long range of 22.97ft.



Figure 4.1: Close-up of the digital display panel on the portable air conditioner, showing temperature, mode indicators, and control buttons.

4.2 Operating Modes

Switch effortlessly between the following modes:

- **Cooling Mode:** Provides rapid cooling for rooms up to 270 sq. ft. Temperature adjustable from 61°F to 86°F (16-30°C).
- **Dehumidifier Mode:** Combats dampness, ideal for humid climates.
- **Fan Mode:** Circulates fresh air with 4 adjustable fan speeds (low, mid, high, auto).
- **Sleep Mode:** Reduces noise to a quiet 47 dB and gradually adjusts temperature and fan speed overnight for uninterrupted rest.



Figure 4.2: Visual representation of the four operating modes (Cooling, Dehumidifying, Fan, Sleep) and four fan speeds (Low, Mid, High, Auto).



Figure 4.3: The portable air conditioner operating in Sleep Mode, emphasizing its low noise level of 47 dB for quiet operation.

4.3 Smart Control (APP/Voice)

Manage your unit seamlessly using the ZAFRO app, Amazon Alexa, or Google Home. Remotely adjust modes, fan speeds, set 24-hour timers, monitor performance, and schedule runs.



Figure 4.4: Demonstrates the smart control capabilities of the air conditioner via the ZAFRO app, Amazon Alexa, and Google Home.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your unit.

- **Filter Cleaning:** The air inlet filter is removable and washable for easy cleaning. Regular cleaning is recommended to maintain air quality and unit efficiency.
- **Drainage:** The unit features drainage-free cooling when ambient humidity is ≤ 80%. For higher humidity or prolonged dehumidifier use, the included water tube can be used for continuous drainage.



Figure 5.1: Illustrates the dehumidification capability, showing a reduction in humidity from 70% to 30% and the unit's capacity of 55 Pints/Day.

6. Troubleshooting

If you encounter issues with your ZAFRO Portable Air Conditioner, refer to the following common solutions:

- **Unit not cooling effectively:**
  - Ensure all windows and doors in the room are closed.
  - Check if the exhaust hose is properly installed and sealed to the window kit.
  - Clean the air filter if it is dirty or clogged.
  - Verify the selected mode is "Cooling" and the temperature setting is lower than the room temperature.
- **Unit is noisy:**
  - Ensure the unit is placed on a flat, stable surface.
  - Check for any obstructions around the air inlets or outlets.
  - Noise levels around 47 dB are normal during operation, especially in cooling mode.

- **Water leakage:**
  - Check the drainage hose connection if continuous drainage is set up.
  - If the internal water tank is full, the unit may stop operating and require manual drainage.
- **Remote control not working:**
  - Check and replace batteries if necessary.
  - Ensure there are no obstructions between the remote and the unit's sensor.

For further assistance, please contact customer support.

7. Specifications

Feature	Detail
Cooling Power	12,000 British Thermal Units
Coverage Area	Up to 270 sq. ft.
Operating Modes	Cool, Dehumidify, Fan, Sleep
Fan Speeds	4 (Low, Mid, High, Auto)
Noise Level	47 dB
Temperature Range	61°F to 86°F (16-30°C)
Control Options	ZAFRO App, Amazon Alexa, Google Home, Remote Control, Touch Panel
Timer	24-Hour Programmable
Product Dimensions	20.35 x 10.71 x 27.2 inches
Item Weight	64.5 pounds
Model Number	A9048E-8K
Refrigerant	R-32
Voltage	115 Volts

8. Warranty and Support

Your ZAFRO Portable Air Conditioner comes with a **1-year warranty**.
For any product inquiries, technical support, or warranty claims, please contact ZAFRO customer support. You may also refer to the included instruction manual for detailed contact information.
This product is eligible for 30-day easy returns through Amazon.com.

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