ZAFRO A9092R-12K

ZAFRO 16,000 BTU Portable Air Conditioner User Manual

Model: A9092R-12K | Brand: ZAFRO

1. Product Overview

The ZAFRO 16,000 BTU (12,000 BTU SACC) Portable Air Conditioner is designed to provide powerful and efficient cooling for indoor rooms. It features an ultra-quiet operation (as low as 42dB), a dual-duct system for balanced cooling, and smart controls via a dedicated app and remote control. Enjoy drainage-free cooling for up to 72 hours, a 24-hour timer, and multiple operating modes including Cool, Fan, and Dehumidifier.



Figure 1: ZAFRO 16,000 BTU Portable Air Conditioner with remote control and smartphone app interface.

Key Features

- **Superior Energy Efficiency:** CEER 12.8 rating and 0.5W standby power for reduced energy consumption.
- **Ultra Quiet Operation:** Noise level as low as 42dB in sleep mode for undisturbed rest.
- **Powerful Cooling:** 16,000 BTU (12,000 BTU SACC) with dual-hose and inverter dual-cylinder compressor.
- **Smart Controls:** Control settings via WiFi+ZAFRO APP, remote control, or digital panel.
- **Drainage-Free Design:** 72-hour self-evaporation technology minimizes frequent drainage.
- **Easy Installation & Mobility:** Equipped with window adapter quick-install guide, 360° wheels, and hidden handles.

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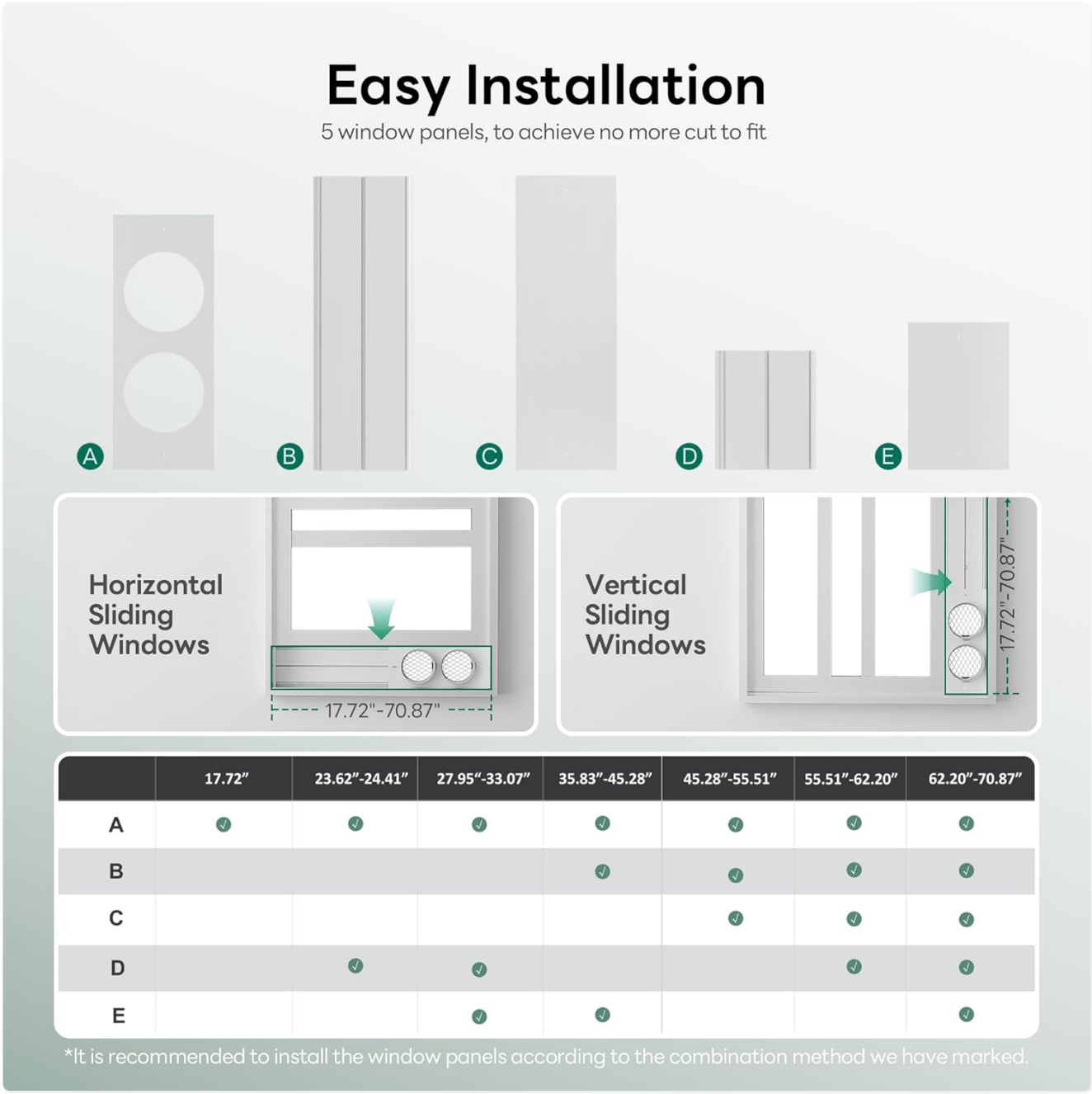
Video 1: Quick Overview of the ZAFRO Portable Air Conditioner.

2. Setup and Installation

Follow these steps to properly set up and install your ZAFRO Portable Air Conditioner for optimal performance.

2.1 Window Panel Installation

1. Measure the length of your window opening to select the appropriate window panels (A, B, C, D, E) from the included kit.
2. Assemble the window panels by pre-installing the metal clip and inserting it into the path of the other panel.
3. Cut the adhesive sealing foam according to the dimension of the window and place it to seal gaps.
4. Place the assembled window panels into the window opening.
5. Adjust the panels to fit the opening and fasten them with butterfly bolts.
6. Close the window securely against the panels. Fill any remaining gaps with non-adhesive sealing foam.



	17.72”	23.62”-24.41”	27.95“-33.07”	35.83”-45.28”	45.28”-55.51”	55.51”-62.20”	62.20”-70.87”
A	✓	✓	✓	✓	✓	✓	✓
B				✓	✓	✓	✓
C					✓	✓	✓
D		✓	✓			✓	✓
E			✓	✓			✓

Figure 2: Easy Installation guide for window panels.

2.2 Exhaust Hose Connection

1. Connect the window adapter to one end of the exhaust hose.
2. Align and install the air exhaust hose assembly into the window panel. Press the latch to lock the hose into the hole.

3. Attach the other end of the air exhaust hose onto the portable air conditioner. Ensure the hose is stretched as straight as possible to achieve best heat dissipation.
4. Maintain at least 20 inches (50cm) between the air conditioner and walls for proper airflow.

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Video 2: Quick Set Guide for ZAFRO Portable Air Conditioner.

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Video 3: Quick Installation Guide for ZAFRO Portable Air Conditioners.

3. Operating Instructions

Your ZAFRO Portable Air Conditioner offers various modes and control options for personalized comfort.

3.1 Control Panel & Display

The ergonomic tilt-top digital panel provides intuitive control. The display shows current temperature, humidity, and selected mode.



Figure 3: Digital Display and Control Panel.

3.2 Operating Modes

- **Cool Mode:** Provides powerful cooling for large spaces. Adjust temperature from 61°F to 86°F.
- **Fan Mode:** Circulates air without cooling. Choose from Auto, Low, Mid, or High speeds.
- **Dehumidifier Mode:** Reduces room humidity. Ideal for humid environments.
- **Sleep Mode:** Operates at lowest fan speed and reduced display brightness for quiet operation (as low as 42dB).
- **ECO Mode:** Optimizes energy saving.
- **Extra Mode:** Provides fast cooling in 30 seconds.



Figure 4: Six Operating Modes.

3.3 Smart Control (APP & Remote)

Control your unit conveniently from anywhere using the ZAFRO APP or the included remote control.

- **Remote Control:** Adjust temperature, mode, fan speed, and swing direction.

- **ZAFRO APP:** Connect via WiFi for comprehensive control, scheduling, and monitoring. Compatible with Google Home.



Figure 5: Smart Cooling via ZAFRO App.

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Video 4: Fullview and Usage of ZAFRO Portable Air Conditioner.

4. Maintenance

Regular maintenance ensures optimal performance and longevity of your ZAFRO Portable Air Conditioner.

4.1 Filter Cleaning

The washable filter ensures healthier airflow. It is recommended to clean the filter at least once every two weeks.

1. Turn off and unplug the unit before cleaning.
2. Remove the filter from the back of the unit.
3. Rinse the air filter under running water.

4. Let the filter dry completely before re-attaching to the main unit.

4.2 Drainage

The unit features 72-hour drainage-free operation due to self-evaporation technology. However, in high humidity or dry mode, manual drainage may be required.

1. Prepare a water container to collect drained water.
2. Unscrew the main drain outlet cap at the bottom of the unit.
3. Connect the drainage hose to the main outlet.
4. Direct the other end of the hose into a drain or container lower than the unit.
5. For complete drainage, slightly tilt the machine backward.

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Video 5: Cleaning and Maintenance of ZAFRO Portable Air Conditioners.

5. Troubleshooting

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

- **Unit does not turn on:** Check if the power cord is securely plugged in and if the outlet is functioning. Press the RESET button on the plug.
- **No cooling:** Ensure the unit is in Cool Mode and the temperature setting is lower than the room temperature. Check if exhaust hoses are properly installed and not blocked. Verify window seals are tight.
- **Weak airflow:** Clean the air filter as it may be clogged. Check for obstructions in the air intake or outlet.
- **Unit is noisy:** Ensure the unit is placed on a flat, stable surface. Check for any loose parts or obstructions.
- **Water leakage:** Verify the drainage hose is properly connected and not kinked. Ensure the unit is level.
- **Remote control not working:** Check and replace batteries (AAA). Ensure there are no obstructions between the remote and the unit.

6. Specifications

Feature	Detail
Brand	ZAFRO
Model Number	A9092R-12K
Cooling Power	16,000 BTU (12,000 BTU SACC)
Noise Level	42 dB
Product Dimensions	14.25"D x 16.5"W x 27.2"H
Item Weight	55.7 pounds
Voltage	115 Volts
Refrigerant	R-32
Warranty	1 year

7. Warranty & Support

7.1 Warranty Information

The ZAFRO 16,000 BTU Portable Air Conditioner comes with a 1-year limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

7.2 Customer Support

For any questions, troubleshooting assistance, or warranty claims, please contact ZAFRO customer support. Refer to your product packaging or the official ZAFRO website for the most up-to-date contact information.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What is the warranty policy for the ZAFRO 16,000 BTU (12,000 BTU SACC) Portable Air Conditioner?

The ZAFRO 16,000 BTU Portable Air Conditioner (Model A9092R-12K) comes with a 1-year limited warranty starting from the date of purchase. This warranty covers defects in materials and workmanship under normal use conditions.To handle...

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