ZAFRO A4216B-10KYITENG

ZAFRO 10,000 BTU Portable Air Conditioner User Manual

Model: A4216B-10KYITENG

Brand: ZAFRO

Important Safety Instructions

Please read all instructions carefully before operating this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- Always operate the unit on a flat, stable surface to prevent tipping.
- Do not block air inlets or outlets. Maintain at least 12 inches of clearance around the unit.
- Do not insert fingers or foreign objects into the air inlet/outlet.
- Ensure the power cord is not damaged and is properly grounded. Do not use extension cords.
- Unplug the unit before cleaning or performing any maintenance.
- Do not operate the unit in wet environments or near water.
- Keep children and pets away from the unit during operation.
- If the unit is damaged, do not attempt to repair it yourself. Contact customer service.

Product Overview

The ZAFRO 10,000 BTU Portable Air Conditioner is a versatile unit designed to provide efficient cooling, dehumidification, and air circulation for rooms up to 450 sq.ft. Its compact design and portability make it ideal for various spaces.



Figure 1: ZAFRO Portable Air Conditioner with included accessories.



Figure 2: The unit offers four distinct modes: Sleep, Cooling, Dry (Dehumidifier), and Fan.



Figure 3: Key product features include rolling casters for mobility, built-in handles for easy lifting, adjustable fan blades, and dual drainage holes.



Figure 4: This unit is designed to effectively cool areas up to 450 square feet, making it suitable for bedrooms, offices, and living rooms.

Package Contents

Verify that all components are present in the package:

- ZAFRO Portable Air Conditioner Unit
- Window Installation Kit
- Exhaust Hose (1.5m length)
- Hose Connector
- Window Kit Adapter
- Remote Control
- Drain Hose (1m length)
- User Manual (this document)

Find the correct cooling capacity for your home

Find the corresponding cooling efficiency that matches your required room size in square feet. The cooling capacity is expressed in British thermal units (BTU) per hour.

Cooling Areas (sq.ft)	Capacity Needed (BTU)
150 sq.ft	5,000
250 sq.ft	6,000
300 sq.ft	7,000
350 sq.ft	8,000
400 sq.ft	9,000
450 sq.ft	10,000
550 sq.ft	12,000
700 sq.ft	14,000
1000 sq.ft	18,000
1200 sq.ft	21,000
1400 sq.ft	23,000
1500 sq.ft	24,000

Adjustment as necessary

Make any adjustments for the following circumstance:

I. If the room is heavily shaded,reduce capacity by 10%.

II. If the room is very sunny, increase capacity by 10%.

III. If more than two people regularly occupy the room, add 600BTUs for each additional person.

IV. If the unit is used in a kitchen, increase capacity by 4,000BTUs.

Figure 5: All components included in the ZAFRO Portable Air Conditioner package.

Setup & Installation

Follow these steps for proper installation to ensure optimal performance:

1. **Positioning the Unit:** Place the portable AC unit on a flat, stable surface near a window. Ensure there is sufficient space around the unit for proper airflow.
2. **Window Kit Assembly:**
    - Assemble the window kit according to your window type (sliding slash window or double/single-hung window). The kit is adjustable from 26 to 50 inches.
    - Secure the window kit in the open window, ensuring a tight seal to prevent air leakage.
3. **Exhaust Hose Connection:**
    - Attach one end of the exhaust hose to the hose connector, and the other end to the window kit adapter.

- Connect the hose connector to the exhaust outlet on the back of the portable AC unit.
- Insert the window kit adapter into the opening in the window kit. Ensure the exhaust hose is as straight and short as possible to maximize cooling efficiency.

Attention: *Connecting the exhaust hose is crucial for discharging hot air outside, which significantly improves the cooling effect.*

4. **Drain Hose Connection (Optional but Recommended):**
    - While the ZAFRO AC features a self-evaporative system, it is recommended to connect the drain hose for continuous drainage, especially during frequent use in high-humidity environments, to prevent water collection and potential leakage.
    - Locate the drainage port on the unit (typically at the bottom rear). Remove the rubber stopper and firmly attach the provided drain hose.
    - Direct the other end of the drain hose into a suitable container or floor drain, ensuring it is positioned lower than the unit's drainage port for gravity flow.



Figure 6: Examples of flexible window installation for various window types.

Operating Instructions

The ZAFRO Portable Air Conditioner can be operated using the control panel on top of the unit or the included remote control.

Control Panel Overview



Figure 7: The intuitive control panel with LED display and touch-sensitive buttons.

- **Power Button ( ):** Press to turn the unit ON or OFF.
- **Mode Button ( ):** Cycle through the 4 operating modes:
  - **Cool Mode:** Provides powerful cooling. Adjust temperature using Up/Down buttons.
  - **Dehumidifier Mode:** Removes excess moisture from the air.
  - **Fan Mode:** Circulates air without cooling. Adjust fan speed.
  - **Sleep Mode:** Operates quietly with dimmed display for comfortable sleep.
- **Speed Button ( ):** Adjust fan speed (Low, Medium, High) in Cool or Fan mode.
- **Up/Down Buttons (▲ / ▼):** Adjust the desired temperature (61°F to 95°F) in Cool mode or set the timer.

- **Timer Button ( ):** Set the auto-on or auto-off timer (1-24 hours).
- **Lock Button ( ):** Activates or deactivates the child lock function. Hold for 3 seconds to engage/disengage.
- **Sleep Button ( ):** Activates Sleep mode.

Remote Control

The remote control allows you to operate all functions of the unit from up to 16 feet away, providing convenience when relaxing on your couch or bed.

Maintenance

Regular maintenance ensures the longevity and efficiency of your ZAFRO Portable Air Conditioner.

Air Filter Cleaning

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the unit.
2. Locate the air filter panel (usually at the back or side).
3. Remove the filter.
4. Clean the filter with a vacuum cleaner or wash it with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it into the unit.

Water Drainage

Even with the self-evaporative system, water may accumulate, especially in high humidity. The unit will stop operating when the water tank is full. Drain the water as follows:

1. Turn off and unplug the unit.
2. Place a shallow pan or container under the drainage port (lower rear of the unit).
3. Remove the rubber stopper from the drainage port. Water will begin to flow out.
4. Once all water has drained, replace the rubber stopper firmly.
5. If using the continuous drain hose, ensure it is properly connected and directed to a drain.

Storage

When storing the unit for an extended period:

1. Drain all accumulated water from the unit.
2. Clean the air filter.
3. Unplug the power cord and coil it neatly.
4. Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Before contacting customer service, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power; power cord unplugged; water tank full.	Check power connection; ensure outlet is functional; drain water tank.
Unit is running but not cooling.	Air filter clogged; exhaust hose not properly installed; room too large; windows/doors open.	Clean air filter; ensure exhaust hose is sealed and directed outside; close windows/doors.

Problem	Possible Cause	Solution
Water leakage.	Drain plug loose; drain hose not properly connected or clogged; water tank full.	Ensure drain plug is secure; check drain hose for kinks or blockages; drain water tank.
Unit is noisy.	Unit not on a flat surface; air filter clogged; foreign object inside.	Place on a level surface; clean air filter; inspect for obstructions.

Specifications

Detailed technical specifications for your ZAFRO Portable Air Conditioner:

Feature	Specification
Model Number	A4216B-10KYITENG
Cooling Power	10,000 BTU
Floor Area Coverage	Up to 450 Sq.Ft
Product Dimensions (D x W x H)	12.2"D x 12.4"W x 27.56"H (11.93 x 11.69 x 27.28 inches)
Item Weight	45 pounds
Noise Level	≤45 dB
Voltage	115 Volts
Refrigerant	R-32
Seasonal Energy Efficiency Ratio (SEER)	6.7
Modes	Cool, Dehumidifier, Fan, Sleep



Figure 8: Cooling capacity recommendations based on room size.

Warranty & Support

Your ZAFRO Portable Air Conditioner comes with a **1-year manufacturer's warranty**.
For any questions or assistance with your product, please contact ZAFRO customer service. We are committed to helping you resolve any issues within 12 hours.
Visit the official ZAFRO Store on Amazon for more products and information.

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