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> ZAFRO Smart Inverter Portable Air Conditioner 16000 BTU (Model YAC-12CPD/PDRBpSG) User Manual

ZAFRO YAC-12CPD/PDRBpSG

ZAFRO Smart Inverter Portable Air Conditioner

MODEL: YAC-12CPD/PDRBpSG (16000 BTU)

User Manual

Introduction

The ZAFRO Smart Inverter Portable Air Conditioner is designed to provide efficient and quiet cooling for your living spaces. Featuring advanced inverter technology and a dual-hose system, this unit offers rapid cooling, energy savings, and convenient control options. This manual provides essential information for the safe and effective operation and maintenance of your new air conditioner.



Image: ZAFRO Inverter Portable Air Conditioner with dual hoses connected to a window, illustrating its setup.

Package Contents

Ensure all components are present before installation:

- Portable Air Conditioner Unit
- Air exhaust hose (x2)
- Drainage hose (x1)
- Window panel (x5)

- Bracket (x1)
 - Remote control (x1)
 - Remote control bracket (x1)
 - Batteries (AAA) (x2)
 - Sealing foam (x4)
 - Butterfly bolts (x5)
 - User Manual (x1)
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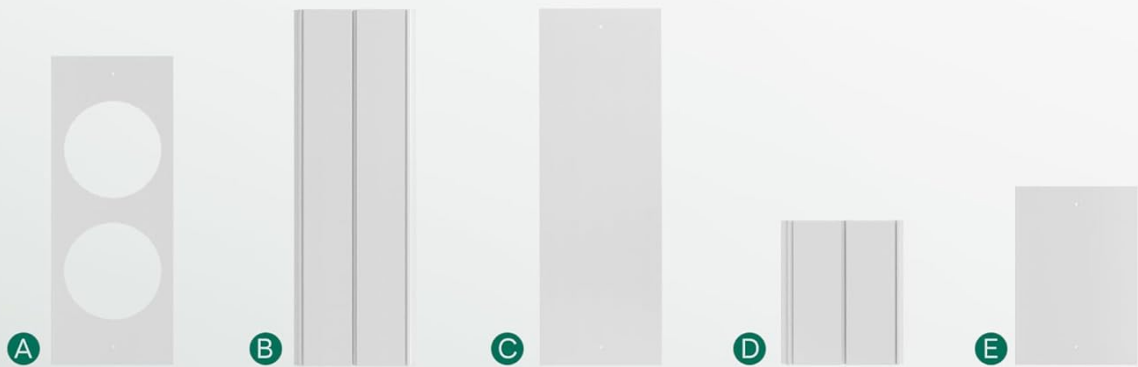
Setup and Installation

Follow these steps for proper installation of your ZAFRO Portable Air Conditioner:

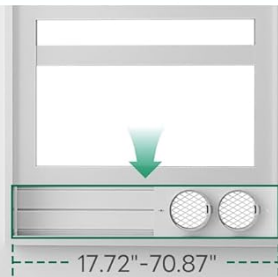
1. **Assemble Window Panels:** Measure your window opening. Select the appropriate window panels (A, B, C, D, E) and connect them using the butterfly bolts to match your window's dimensions. Ensure the air outlet is not covered.
2. **Apply Sealing Foam:** Cut the non-adhesive sealing foam to the size of your window and place it at the bottom. Use adhesive sealing foam for any remaining gaps around the window panels to improve sealing.
3. **Install Window Panels:** Place the assembled window panels into the window opening. Adjust them to fit snugly and fasten with the butterfly bolts.
4. **Attach Exhaust Hoses:** Align and install the air exhaust hoses into the window panel. Press the latch to lock each hose into place.
5. **Connect to Unit:** Attach the other end of the air exhaust hoses to the portable air conditioner unit. Align the exhaust hose with the mounting port and clamp the connection tightly.

Easy Installation

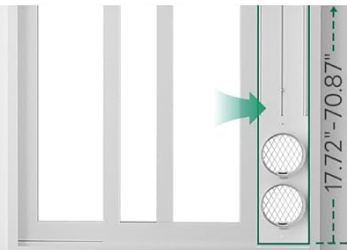
5 window panels, to achieve no more cut to fit



Horizontal
Sliding
Windows



Vertical
Sliding
Windows



	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			✓	✓			✓

*It is recommended to install the window panels according to the combination method we have marked.

Image: Easy Installation Guide for window panels, showing various combinations for different window sizes.

Your browser does not support the video tag.

Video: Official ZAFRO Portable Air Conditioners Quick Installation Guide. This video demonstrates the step-by-step process of assembling the window panels and connecting the exhaust hoses to the unit and window.

Operating Instructions

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

Control Methods:

- **Touch Control Panel:** Located on the top of the unit for direct adjustments.
- **Remote Control:** A convenient remote with a large, backlit screen for easy adjustments from a distance.
- **ZAFRO App / Wi-Fi Control:** Connect your unit to the ZAFRO app for smart control from anywhere, allowing you to adjust temperature, switch modes, and set schedules. Compatible with Google Home.

Digital Display

The ergonomic tilt-top digital panel makes your daily operation is more intuitive and convenient



Image: Digital Display and Control Panel, showing intuitive touch controls.

Smart Cooling

One-touch adjustments, smart your life



Image: Smart Control via the ZAFRO App, demonstrating remote temperature and mode adjustments.

Operating Modes:

- **Cool Mode:** Provides powerful cooling with adjustable temperature settings (down to 61°F).
- **Dry Mode:** Functions as a dehumidifier, removing excess moisture from the air.
- **Fan Mode:** Circulates air without cooling, with multiple fan speed levels (Low, Medium, High).
- **Sleep Mode:** Operates at an ultra-quiet 42dB, adjusting compressor frequency and fan speed for undisturbed rest.
- **Extra Mode:** Locks temperature at 61°F and runs at full power for rapid cooling.
- **Eco Mode:** Optimizes energy efficiency by maintaining a stable temperature with precise frequency control.

The unit also features 4-way oscillation for consistent air circulation and a 24-hour timer for scheduled operation.

6 Modes to Meet Your Different Needs

Cool/Fan/Dry/Sleep/Extra/ECO Modes



Image: Six Modes to Meet Your Different Needs, detailing each operating mode.

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Video: ZAFRO Inverter Portable AC, the ideal choice for family. This video highlights the unit's features and quiet operation in a home setting.

Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner.

Filter Cleaning:

The unit includes a removable filter. Clean the filter regularly as indicated by the filter-clean reminder to maintain air quality and efficiency.

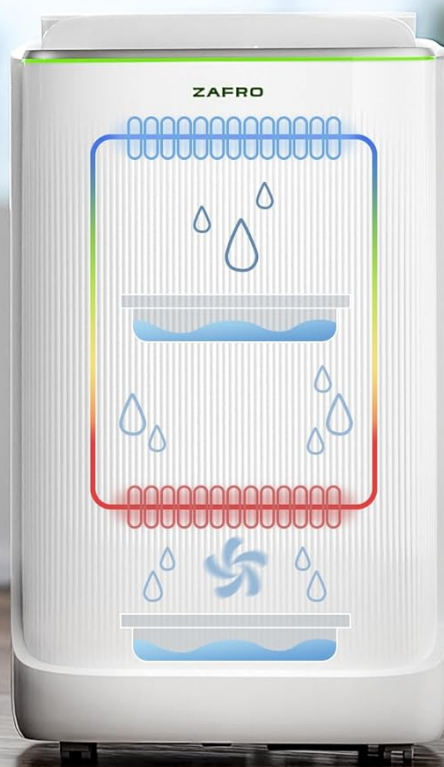
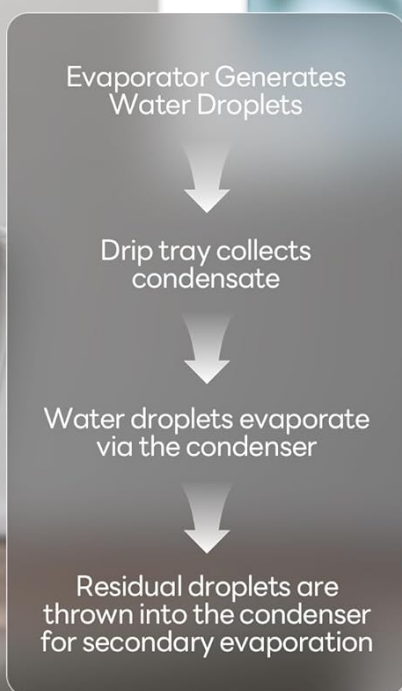
Drainage:

The ZAFRO Portable Air Conditioner features a self-evaporating condensate system, making it drainage-free for up

to 72 hours in environments with humidity below 90%. For higher humidity (above 90%) or when using Dry Mode, a drain hose is provided for continuous drainage. Connect the drainage hose to the designated port at the back of the unit and direct it to a suitable drain or bucket.

72Hrs Drainage-Free Cooling

eliminating the need for frequent drainage
and ensuring user convenience.



*It is recommended to connect drainpipes in high humidity or dry mode

Image: 72 Hours Drainage-Free Cooling, explaining the self-evaporating system.

Troubleshooting

If you encounter issues with your air conditioner, refer to the following common solutions:

- **Unit not turning on:** Check if the power cord is securely plugged into a working outlet. Ensure the unit is not in standby mode.
- **Insufficient cooling:** Verify that all windows and doors are closed. Check if the exhaust hoses are properly installed and sealed. Clean the air filter if it's dirty. Ensure the room size is within the unit's cooling capacity.
- **Excessive noise:** Ensure the unit is placed on a flat, stable surface. Check for any obstructions in the air intake or exhaust.
- **Water leakage:** If using continuous drainage, ensure the drain hose is properly connected and not kinked. If not using continuous drainage, check if the internal water tank is full and needs to be emptied (though the self-

evaporating system minimizes this need).

- **Remote control not working:** Replace the batteries. Ensure there are no obstructions between the remote and the unit.
- **Wi-Fi connectivity issues:** Ensure your Wi-Fi network is active and the unit is within range. Refer to the app's instructions for Wi-Fi reset procedures (hold Wi-Fi button for 3 seconds).

For further assistance, please contact ZAFRO Customer Support.

Specifications

Brand	ZAFRO
Model Number	YAC-12CPD/PDRBpSG
Cooling Power	16000 British Thermal Units (12000 BTU SACC)
Seasonal Energy Efficiency Ratio (SEER)	12.8
Noise Level	42 Decibels
Product Dimensions	14.25"D x 16.5"W x 27.2"H
Item Weight	56 Pounds
Power Source	Corded Electric
Voltage	115 Volts
Wattage	1310 watts
Refrigerant	R-32
Control Method	App, Remote, Touch
Operating Modes	Cool, Dehumidifier, Fan, Sleep, Extra, Eco Modes
Floor Area Coverage	650 Square Feet

Warranty and Support

Your ZAFRO Portable Air Conditioner comes with a **1-Year Manufacturer's Limited Warranty**. For any questions or support needs, please contact ZAFRO customer service. We are committed to helping you and will reply within 24 hours.

For additional information and resources, visit the [ZAFRO Store on Amazon](#).