



[Manuals.plus](#) /

> [ZAFRO](#) /

> ZAFRO Inverter Portable Air Conditioner YAC-10CPD/PDRBpSG User Manual

## ZAFRO YAC-10CPD/PDRBpSG

# ZAFRO Inverter Portable Air Conditioner User Manual

Model: YAC-10CPD/PDRBpSG

## INTRODUCTION

---

This manual provides detailed instructions for the safe operation, installation, and maintenance of your ZAFRO Inverter Portable Air Conditioner, Model YAC-10CPD/PDRBpSG. Please read this manual thoroughly before using the appliance and retain it for future reference.

The ZAFRO Inverter Portable Air Conditioner is designed to provide efficient cooling, dehumidification, and air circulation for various indoor environments. Key features include 14000 BTU (10000 BTU SACC) cooling capacity, a dual-hose system for improved efficiency, ultra-quiet operation at 42dB, and smart control options via app, remote, or touch panel.

## IMPORTANT SAFETY INSTRUCTIONS

---

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using this appliance.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug.
- Do not block air outlets or inlets.
- Keep the appliance away from heat sources and direct sunlight.
- Do not use the appliance in wet environments or near water.
- Unplug the unit before cleaning or servicing.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## INCLUDED COMPONENTS

---

Verify that all components are present before beginning installation:

- Portable Air Conditioner Unit
- Air Exhaust Hose (x2)
- Drainage Hose (x1)
- Window Panel (x5)
- Bracket (x1)
- Remote Control (x1)
- Remote Control Bracket (x1)
- AAA Batteries (x2)
- Sealing Foam (x4)
- Butterfly Bolts (x5)
- User Manual (x1)

## SETUP AND INSTALLATION

---

Proper installation is crucial for the efficient operation of your portable air conditioner. This unit is designed for use with horizontal or vertical sliding windows.

### Window Kit Assembly

The window kit includes multiple panels (A, B, C, D, E) to accommodate various window sizes. The minimum window opening height is 17.72 inches, and the minimum width is 17.72 inches. The maximum window opening width is 70.87 inches.



This image illustrates the various window panel configurations for both horizontal and vertical sliding windows, along with a table indicating which panels (A-E) are needed for different window widths.

#### 1. Step 1: Measure Window and Select Panels

Measure the length of your window opening. Refer to the provided diagram to select the appropriate window panels (A, B, C, D, E) for your window type (horizontal or vertical sliding).

#### 2. Step 2: Assemble Window Panels

Pre-install the metal clip onto one window panel. Then, assemble the window panels by inserting the metal clip into the path on the other panel. Ensure they slide smoothly.

#### 3. Step 3: Apply Sealing Foam

Cut the adhesive sealing foam to the dimensions of your window opening and apply it to the window frame to ensure a tight seal.

#### 4. Step 4: Place Window Panel Assembly

Carefully place the assembled window panels into the window opening.

# 6 Modes to Meet Your Different Needs

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



**Cool Mode**  
16,000 BTU



**Dry Mode**  
Reduce Room Humidity



**Fan Mode**  
Auto/Low/Middle/  
High Speeds



**Sleep Mode**  
Low Noise  $\leq 42$ dB



**Extra Mode**  
Fast Cooling in 30s



**ECO Modes**  
Save Energy

This image illustrates the window panel assembly being placed into the window opening.

## 5. **Step 5: Adjust and Secure Panels**

Adjust the window panels to fit snugly within the window opening. Secure them using the provided butterfly bolts.

# Smart Cooling

One-touch adjustments, smart your life



This image shows the process of adjusting the window panels to fit and securing them with butterfly bolts.

## 6. **Step 6: Seal Gaps**

Close the window. Any remaining gaps in the window can be filled with non-adhesive sealing foam as needed to improve the room's sealing and efficiency.



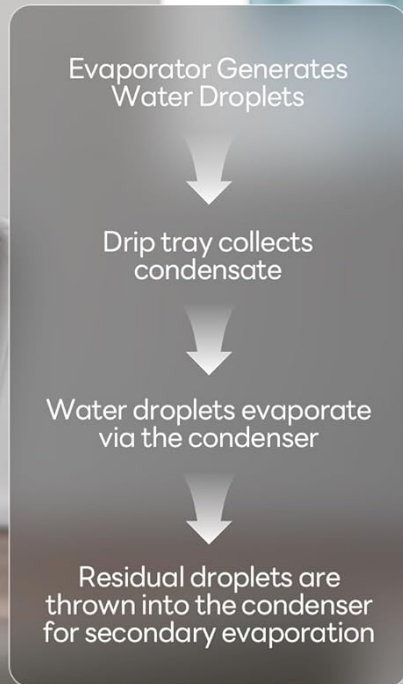
This image illustrates the final step of sealing any remaining gaps around the window panels.

7. **Step 7: Install Air Exhaust Hoses to Window Panel**

Align and install the two air exhaust hose assemblies into the designated holes in the window panel. Press the latch to lock each air exhaust hose into place.

# 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

This image shows the two air exhaust hoses being connected to the window panel.

## 8. **Step 8: Attach Hoses to Air Conditioner**

Attach the other end of the air exhaust hoses onto the portable air conditioner unit. Ensure a minimum distance of 17.75 inches (45 cm) from walls or other obstructions for proper airflow.

# Digital Display

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



This image illustrates the final connection of the air exhaust hoses to the portable air conditioner unit, emphasizing the required clearance from walls.

## OPERATING INSTRUCTIONS

---

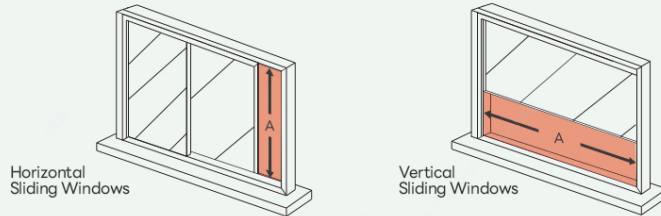
Your ZAFRO portable air conditioner offers multiple operating modes and control options for optimal comfort.

### Control Panel and Display

The unit features an ergonomic tilt-top digital control panel for intuitive operation. All settings and current status are displayed clearly.

### Step 1

Measure the length of A (marked as below).  
Select the window panels you will need



	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			●	●			●

This image displays the digital control panel, showing various icons for modes, temperature, timer, and Wi-Fi status.

## Operating Modes

The appliance offers six distinct operating modes:



This infographic visually explains the six available operating modes: Cool, Fan, Dry, Sleep, Extra, and Eco, along with their primary functions.

- **Cool Mode:** Provides 16,000 BTU cooling for rapid temperature reduction.
- **Dry Mode:** Reduces room humidity, functioning as a dehumidifier.
- **Fan Mode:** Circulates air with adjustable speeds (Auto, Low, Middle, High).
- **Sleep Mode:** Operates at low noise levels ( $\leq 42$ dB) for undisturbed rest, with reduced screen brightness and fan speed.
- **Extra Mode:** Offers fast cooling, achieving desired temperatures quickly.
- **Eco Mode:** Optimizes energy consumption for cost savings.

## Smart Control

Control your air conditioner using the integrated touch panel, the included remote control, or via the ZAFRO smart app. The unit is compatible with Google Home for voice control.

## The Unique Design of ZAFRO Portable Air Conditioners

### R32 Refrigerant

Green, Efficient, Secure, Sustainable



### Dual Duct

Balance Pressure, Cool Every Corner



This image displays the smartphone application interface, demonstrating how to control the air conditioner's settings, including modes, temperature, and fan speed.

- **App Control:** Download the ZAFRO app to manage settings from your smartphone.
- **Remote Control:** Use the provided remote for convenient adjustments.
- **Touch Control:** Directly operate the unit using the digital panel.
- **24-Hour Timer:** Program the unit to turn on or off automatically.

## MAINTENANCE

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

### Drainage-Free Operation

The ZAFRO portable air conditioner features a 72-hour drainage-free cooling system. Condensate water generated by the evaporator is collected in a drip tray and then evaporated via the condenser. Residual droplets are thrown into the condenser for secondary evaporation, minimizing the need for manual drainage.

## More Features



This diagram explains the internal process of the drainage-free cooling system, showing how water droplets are evaporated and reused.

**Note:** In environments with high humidity or when operating in Dry Mode, it is recommended to connect the provided drainage hose for continuous drainage to prevent overflow.

## Filter Cleaning

The unit is equipped with a removable filter, typically located on the side or rear panel. Regularly clean the air filter to maintain air quality and cooling efficiency.

# Stay Cool, Save More

Save up to 40-50% on energy with smart inverter technology  
CEER 12.8 for top-tier efficiency



### Save on your energy bills with inverter technology



Date	Others	ZAFRO
7/2	High	High
7/3	High	Medium-High
7/4	High	Medium
7/5	High	Medium-Low
7/6	High	Low

### Enjoy a comfortable and stable room temperature with inverter technology



Timer	Others	ZAFRO
0	~61°F	~73.5°F
6H	~86°F	~73.5°F
12H	~61°F	~73.5°F
18H	~86°F	~73.5°F
24H	~61°F	~73.5°F

This image shows a side view of the air conditioner. The removable air filter is typically located on one of the side panels for easy access.

- Turn off and unplug the unit before cleaning.
- Remove the filter from its housing.
- Wash the filter with warm, soapy water. Rinse thoroughly.
- Allow the filter to air dry completely before reinserting.
- Clean the filter every two weeks or more frequently depending on usage and air quality.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged in, check power outlet, reset circuit breaker.
Insufficient cooling.	Air filter dirty, window kit not properly sealed, room too large, air intake/exhaust blocked.	Clean air filter, re-seal window kit, ensure proper room size for BTU, clear obstructions.
Unit is noisy.	Unit not on a flat surface, fan speed too high.	Place unit on a level surface, reduce fan speed.
Water leakage.	Drainage hose not connected (in high humidity/dry mode), drain plug loose.	Connect drainage hose if needed, ensure drain plug is secure.
Remote control not working.	Batteries dead or incorrectly inserted, obstruction between remote and unit.	Replace batteries, ensure correct polarity, remove obstructions.

## SPECIFICATIONS

Feature	Detail
Brand	ZAFRO
Model Number	YAC-10CPD/PDRBpSG
Cooling Power	14000 BTU (10000 BTU SACC)
Product Dimensions (D x W x H)	14.25"D x 16.5"W x 27.2"H
Item Weight	54 Pounds
Color	White
Voltage	115 Volts
Noise Level	42 Decibels
Refrigerant	R-32
Inverter Type	Has Inverter
Compressor Type	Inverter
Wattage	1390 watts
Annual Energy Consumption	942 Kilowatt Hours Per Year
Installation Type	Portable
Controller Type	App Control, Remote Control, Touch Control
Window Opening Max Width	70.87 Inches
Window Opening Min Height	17.72 Inches
Window Opening Min Width	17.72 Inches

Feature	Detail
Special Features	Fast Cooling, Extra Mode, Smart Inverter, Energy Saving, 72Hrs Drainage-free, Ultra Quiet 42dB, Sleep Mode, 6 Modes: Cool, Dry, Fan, Sleep, Extra, Eco, Dry Mode for Dehumidification, Smart Control: App, Remote

## WARRANTY INFORMATION

---

This ZAFRO portable air conditioner is covered by a **1 Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

## CUSTOMER SUPPORT

---

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact ZAFRO customer support. Refer to the official ZAFRO website or your purchase documentation for contact details.

You can also visit the [ZAFRO Store on Amazon](#) for more product information and support resources.