**ZAFRO NPLH5A-05C/X1E**

# ZAFRO Portable Air Conditioner User Manual

## Model: NPLH5A-05C/X1E

### 1. Introduction

Thank you for choosing the ZAFRO NPLH5A-05C/X1E Portable Air Conditioner. This manual provides important information for the proper installation, operation, and maintenance of your new appliance. Please read this manual thoroughly before using the product and keep it for future reference.



Image: The ZAFRO NPLH5A-05C/X1E Portable Air Conditioner shown with its exhaust hose, window kit, and remote control.

## 2. Safety Information

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.
- Do not operate the unit with a damaged cord or plug.
- Ensure the unit is placed on a flat, stable surface.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or servicing.
- Keep children and pets away from the unit.

## 3. Product Overview

The ZAFRO NPLH5A-05C/X1E is a versatile 4-in-1 portable air conditioner designed for efficient cooling and air treatment in rooms up to 350 sq. ft.

## Key Features:

- **4-in-1 Functionality:** Cool, Dehumidify, Fan, and Sleep modes.
- **Energy Efficient:** Provides powerful cooling with reduced energy consumption.
- **Washable Air Filter:** Easy-to-clean double-layer filter for improved air quality.
- **Remote Control:** Extended sensing distance for convenient operation.
- **Quiet Operation:** Noise levels as low as 52dB.
- **Mobility:** Built-in hidden handles and 360° swivel wheels for easy movement.

## Modes of Operation:

This unit offers four distinct modes to cater to your comfort needs:




Image: Visual representation of the four operating modes: Cool (10,000 BTU), Dry (50 Pints/Day), Fan (Low/High Speed), and Sleep (Low Noise).

- **Cool Mode:** Provides powerful cooling to lower room temperature.
- **Dry Mode (Dehumidifier):** Removes up to 90 pints of moisture from the air.
- **Fan Mode:** Circulates air with two speed settings and 75° oscillation.
- **Sleep Mode:** Operates quietly for a peaceful night's rest.

## Control Panel and Remote:

The unit features an LED touch panel and comes with a remote control for convenient adjustments from a distance.




Image: Close-up view of the unit's LED display and touch controls, alongside the included remote control.

## Product Details and Components:

The design incorporates practical features for user convenience and effective air circulation.




Image: A rear view of the portable AC unit highlighting its four rolling casters, built-in handles, four adjustable fan blades, and two drainage holes.




Image: A diagram illustrating the retractable exhaust hose, showing its anti-clockwise thread and extendable length from 13.77 inches to 61.81 inches.

# Match the Correct Cooling Capacity for Your Home



| Capacity needed (Ashrae) | Capacity needed (DOF) | Maximum area | Optimum usable area |
|---|---|---|---|
| 8K BTU | 5K BTU | 350 Sq.Ft | 150 Sq.Ft |
| 10K BTU | 6K BTU | 450 Sq.Ft | 200 Sq.Ft |
| 12K BTU | 8K BTU | 550 Sq.Ft | 300 Sq.Ft |
| 14K BTU | 10K BTU | 750 Sq.Ft | 400 Sq.Ft |

## 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 1000BTUs for each additionalperson.

Image: A chart providing guidance on matching the correct cooling capacity (BTU) to room size, with adjustments for specific conditions like sun exposure or occupancy.

### Package Contents:

Ensure all components are present upon unboxing.




Image: An exploded view showing all items included in the package: the main unit, window kit, exhaust hose, hose connector, window kit adapter, user manual, remote control, and water pipe.

1. Window kit
2. Exhaust hose
3. Hose connector
4. Window kit adapter
5. User manual
6. Remote control
7. Water pipe (drain hose)

## 4. Setup

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

### 4.1 Window Kit Installation:

The window kit is designed for easy installation in various window types.

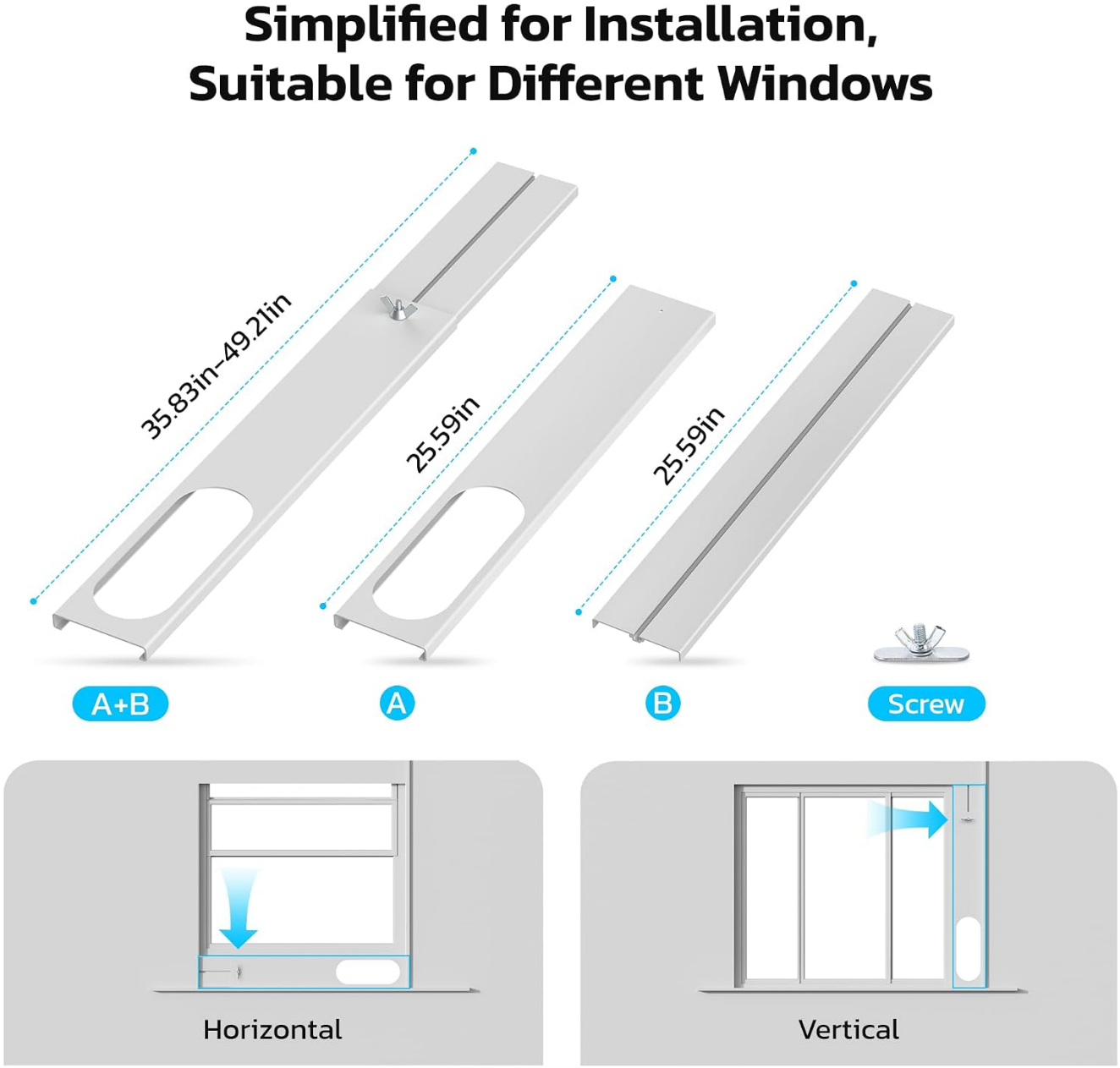



Image: Illustrations demonstrating how to install the window kit for both horizontal and vertical sliding windows, showing adjustable panel lengths.

1. Assemble the window kit panels (A, B, A+B) to fit your window opening. The kit is adjustable from 35.83 inches to 49.21 inches.
2. Secure the panels in the window frame using the provided screw.
3. Ensure a tight seal to prevent air leakage.

### 4.2 Exhaust Hose Connection:

1. Attach the hose connector to one end of the exhaust hose.
2. Attach the window kit adapter to the other end of the exhaust hose.
3. Connect the hose connector to the exhaust outlet on the back of the AC unit.
4. Insert the window kit adapter into the opening in the installed window kit.
5. Extend the hose as needed, ensuring it is not kinked or bent sharply.

### 4.3 Drainage Hose Setup (Dehumidifier Mode):

For continuous drainage in Dehumidifier mode, connect the water pipe (drain hose) to the continuous drainage port at the bottom rear of the unit and lead it to a suitable drain or container.

## 5. Operating Instructions

Familiarize yourself with the control panel and remote control functions.

### 5.1 Control Panel Functions:

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through Cool, Dry, Fan, and Sleep modes.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.
- **Speed Button:** Selects fan speed (Low/High).
- **Timer Button:** Sets the auto ON/OFF timer (up to 24 hours).
- **LED Display:** Shows current temperature, timer settings, and error codes.

### 5.2 Remote Control Functions:

The remote control duplicates most functions of the control panel, allowing operation from up to 20 feet away.

- Point the remote control directly at the receiver on the unit.
- Ensure there are no obstructions between the remote and the unit.

### 5.3 Mode Selection:

1. Press the **Mode** button to select your desired operating mode.
2. In Cool mode, set the desired temperature using the Up/Down buttons.
3. In Fan mode, select Low or High speed.

### 5.4 Timer Function:

To set the timer for automatic ON/OFF:

1. Press the **Timer** button.
2. Use the Up/Down buttons to set the desired time in hours.
3. The unit will automatically turn ON/OFF after the set time.

## 6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your unit.

### 6.1 Cleaning the Air Filter:

The double-layer air filter should be cleaned every two weeks for best results.

1. Unplug the unit from the power outlet.
2. Slide out the mesh filters from their slots. No tools are required.
3. Wash the filters with warm, soapy water.
4. Rinse thoroughly and allow them to air dry completely before reinserting.

### 6.2 Draining Water:

The unit has an internal water collection system. When the tank is full, the unit will stop operating and display an indicator. Drain the water as follows:

1. Unplug the unit.
2. Place a shallow pan or tray under the drainage port at the bottom rear of the unit.
3. Remove the drain plug to allow water to flow out.
4. Once drained, replace the drain plug securely.

### 6.3 Storage:

When storing the unit for an extended period:

1. Ensure all water is drained from the unit.
2. Clean the air filter.
3. Coil the power cord and secure it.
4. Store the unit in a cool, dry place, covered to protect from dust.

## 7. 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 not plugged in; Circuit breaker tripped; Water tank full. | Check power outlet; Plug in power cord; Reset circuit breaker; Drain water tank. |
| Unit not cooling effectively | Air filter dirty; Exhaust hose blocked/kinked; Room too large; Doors/windows open; Temperature setting too high. | Clean air filter; Check/clear exhaust hose; Ensure room size is within capacity; Close doors/windows; Lower temperature setting. |
| Unit is noisy | Unit not on a level surface; Fan obstruction. | Place unit on a flat, stable surface; Check for obstructions in fan area. |
| Water leakage | Drain plug loose; Drainage hose not properly connected. | Secure drain plug; Ensure drainage hose is properly connected and not blocked. |

## 8. Specifications

| Specification | Value |
|---|---|
| Model Number | NPLH5A-05C/X1E |
| Cooling Power | 8000 British Thermal Units |
| Floor Area Coverage | Up to 350 Square Feet |
| Product Dimensions (D x W x H) | 13.39" x 11.81" x 27.17" |
| Item Weight | 41 pounds |
| Voltage | 115 Volts |
| Noise Level | 52 dB |
| Refrigerant | R-32 |

| Specification | Value |
| --- | --- |
| Color | White |

## 9. Warranty and Support

### 9.1 Warranty Information:

This ZAFRO product comes with a**1-year manufacturer warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

### 9.2 Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact ZAFRO customer support. Refer to the contact information provided on the product packaging or the official ZAFRO website.

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### 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

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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