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## VENZ R7246

# VENZ Smart Air Conditioner Controller (Model R7246)

Instruction Manual

## 1. PRODUCT OVERVIEW

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The VENZ Smart Air Conditioner Controller (Model R7246) transforms traditional air conditioners and heat pumps into smart, energy-efficient devices. It features a built-in thermohygrometer sensor for real-time temperature and humidity monitoring, enabling intelligent climate control. This controller supports remote operation via a mobile application and voice commands through Amazon Alexa and Google Home. Advanced features include 7-day programming, geo-fencing, and an IR learning function to manage a wide range of infrared-controlled appliances.



Image: The VENZ Smart Air Conditioner Controller, a white square device displaying temperature and humidity, shown alongside a smartphone displaying its control app and a mini-split air conditioner unit.

## 2. PACKAGE CONTENTS

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Ensure all items are present in your package:

- Smart Controller (Model R7246) x 1
- Bracket x 1
- USB Type-C Data Cable x 1
- Adapter x 1
- Metal Panel x 1
- Reset Pin x 1

# You will Get



Image: All components included in the VENZ Smart Air Conditioner Controller package, including the controller, bracket, cables, adapter, and manual.

## 3. SETUP GUIDE

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### 3.1 Initial Power-On and Pairing

1. **Power On:** Connect the provided USB Type-C cable to the controller and an adapter, then plug it into a power source. The device display will light up.
2. **Observe Wi-Fi Signal:** After powering on, the Wi-Fi signal icon in the upper left corner of the controller's display should turn white and start flashing. This indicates the device is in pairing mode. If it does not flash, proceed to Section 3.2 for reset instructions.
3. **Launch Application:** Open the "WOOX Home" application on your smartphone.
4. **Add Device:** The app should automatically detect the smart remote and a quick pairing pop-up window will appear. Tap "Add" to proceed.
5. **Confirm Wi-Fi Network:** Enter your 2.4GHz Wi-Fi network name and password. *Note: Only 2.4GHz Wi-Fi is supported.*
6. **Device Registration:** The app will search for the device and register it to your account.
7. **Name Device:** Once successfully added, you can enter a custom name for your device. This name will also be

used for voice control with Amazon Alexa and Google Home.

Your browser does not support the video tag.

Video: This video demonstrates the initial setup process for the VENZ Smart Air Conditioner Controller, including powering on, observing the Wi-Fi signal, launching the app, adding the device, confirming Wi-Fi details, and naming the device. It also covers the reset procedure.

## 3.2 Resetting the Device

If the Wi-Fi signal does not flash or you need to re-pair the device, follow these steps to reset:

1. **Ensure Power:** Make sure the device is powered on.
2. **Check Wi-Fi Signal:** Confirm that the device's Wi-Fi signal is flashing white.
3. **Perform Reset:** If the Wi-Fi signal is not flashing, use the provided reset pin (or a similar thin object) to press and hold the reset button on the side of the device for more than 5 seconds. The Wi-Fi signal should then start flashing, indicating it's ready for pairing again.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Remote Control via App

Once paired, use the "WOOX Home" app to control your air conditioner or heat pump remotely. You can adjust modes, air speed, and temperature settings from anywhere.

# Make Your AC Smart

Control your old air conditioner or heat pump from anywhere

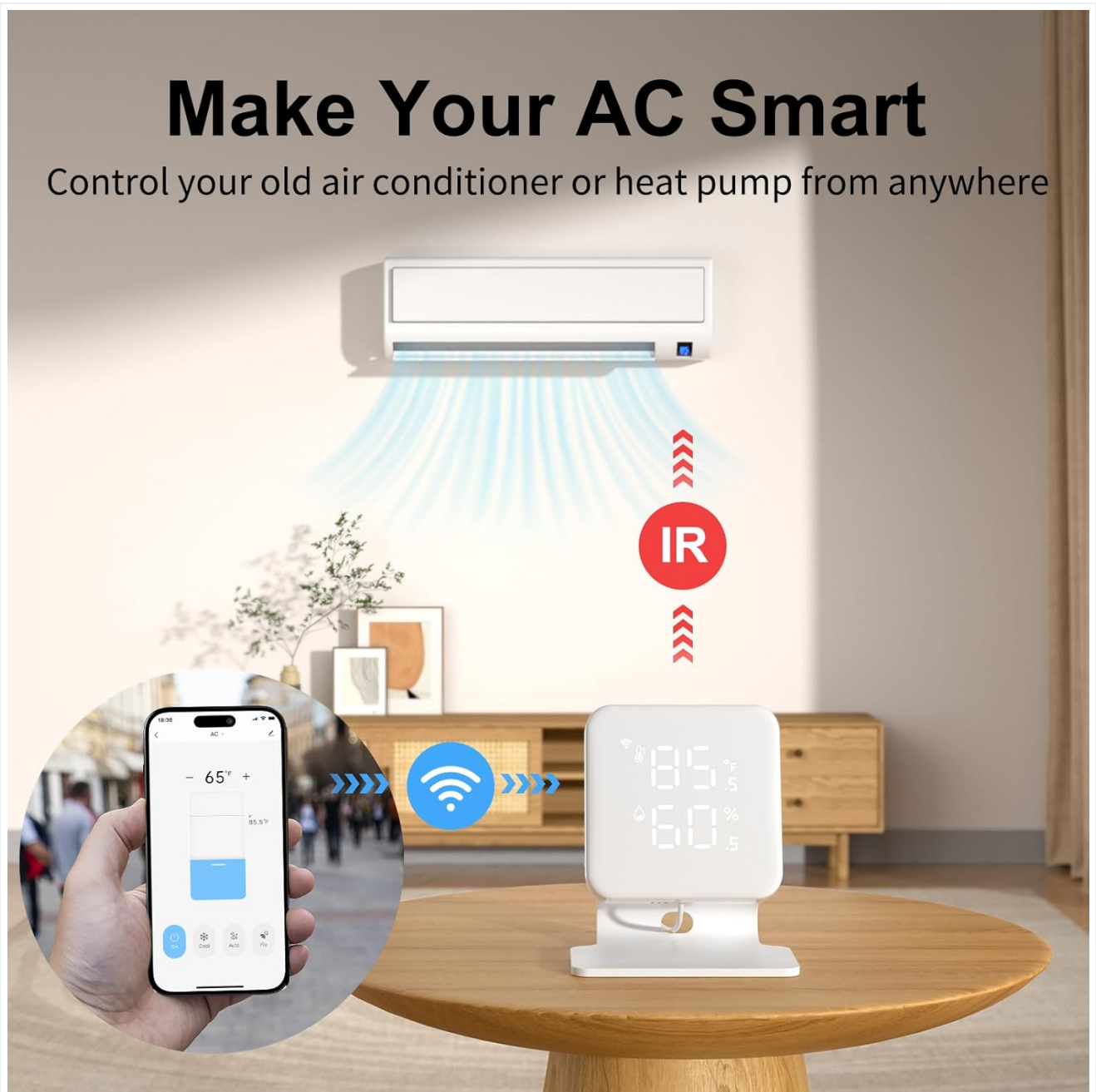


Image: A visual representation of the smartphone app sending a Wi-Fi signal to the VENZ controller, which then transmits an infrared (IR) signal to control an air conditioner.

## 4.2 Voice Control Integration

The controller is compatible with Amazon Alexa and Google Home. After linking your WOOX Home account to your voice assistant, you can use voice commands to control your connected appliances. For example, "Alexa, set the heat pump to seventy-two degrees."



Image: A woman in bed interacting with an Amazon Echo device, demonstrating voice control functionality for the smart AC controller. The controller is visible on a bedside table.

### 4.3 Temperature and Humidity Monitoring

The built-in Swiss-made chip thermohygrometer sensor provides real-time temperature and humidity readings directly on the device's LED display and within the app. This allows for precise environmental monitoring and intelligent control based on these values.

# Smart Wi-Fi Thermo-Hygrometer

Swiss-made chip thermohygrometer sensor, display the current value in real time( $\pm 0.3^{\circ}\text{C}/\pm 3\%\text{RH}$ ).

- ✓ Easy to view
- ✓ Indicate the status
- ✓ T&H control



Image: A close-up view of the VENZ Smart Air Conditioner Controller, highlighting its LED display showing current temperature (26.5°C) and humidity (64.5%).

## 4.4 Smart Programming and Geo-fencing

Utilize the 7-day programming feature to set automated schedules for your AC or heat pump based on your daily habits. Geo-fencing allows the controller to automatically adjust your climate control settings when you enter or leave a predefined area, enhancing comfort and energy efficiency.

# Elevate Your Comfort

- Weekly Scheduling
- Intelligent Climate Control

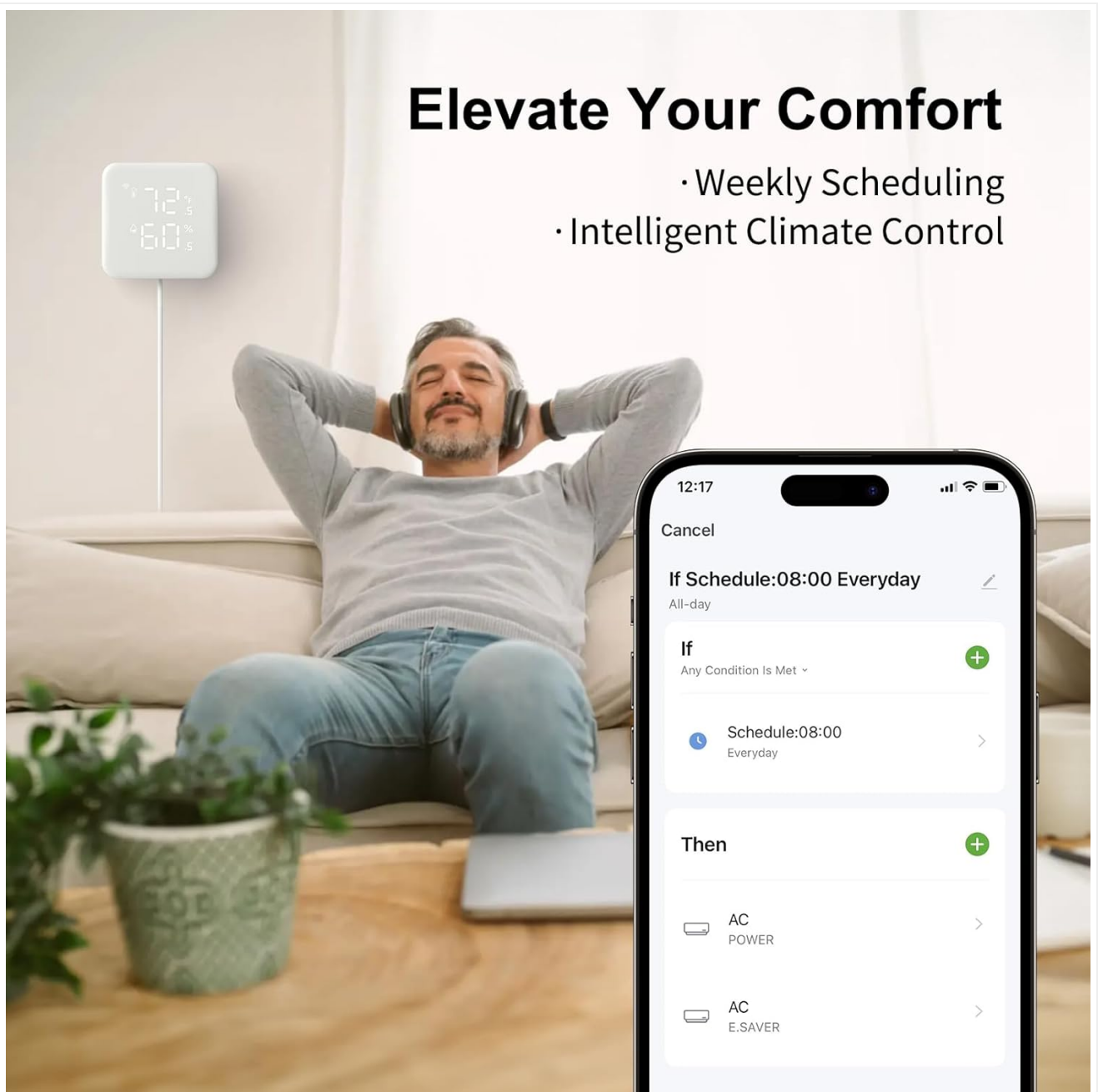


Image: A man relaxing on a couch, with the VENZ controller mounted on the wall in the background. A smartphone in the foreground displays the app's weekly scheduling interface, showing options for intelligent climate control.

## 4.5 IR Learning Function

The smart IR learning function allows the controller to copy commands from 99% of traditional infrared remotes. This enables you to consolidate control of various IR-controlled devices, such as TVs, projectors, sound systems, lights, and motorized curtains, all within the WOOX Home app.

# Make Old IR Appliances Smarter

More than AC control – manage all your old infrared remote devices with ease!



Image: The VENZ Smart Air Conditioner Controller prominently displayed, surrounded by a variety of traditional infrared remote controls and other IR-controlled appliances like TVs, fans, and air purifiers, illustrating its universal control capability.

## 5. MAINTENANCE

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To ensure optimal performance and longevity of your VENZ Smart Air Conditioner Controller, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or strong chemicals, as these can damage the surface and internal components.
- **Placement:** Place the controller in a location free from direct sunlight, excessive heat, moisture, or extreme cold. Ensure it has a clear line of sight to the appliances it controls for effective IR transmission.
- **Power Supply:** Use only the provided power adapter and cable. Ensure the power source is stable and meets the device's voltage requirements (5 Volts).
- **Firmware Updates:** Periodically check the WOOX Home app for available firmware updates. Keeping the device's firmware up-to-date ensures access to the latest features and performance improvements.

## 6. TROUBLESHOOTING

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If you encounter issues with your VENZ Smart Air Conditioner Controller, refer to the following common troubleshooting steps:

- **Device Not Connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4GHz. The device does not support 5GHz networks.
- Verify that your Wi-Fi password is entered correctly in the app.
- Move the controller closer to your Wi-Fi router to improve signal strength.
- Perform a device reset as described in Section 3.2.

- **App Not Finding Device During Pairing:**

- Check your smartphone's system settings to ensure Bluetooth and location permissions are enabled for the WOOX Home app.
- Ensure the device's Wi-Fi signal is flashing white, indicating it's in pairing mode. If not, reset the device.

- **IR Control Not Working:**

- Ensure there is a clear line of sight between the controller and the appliance you are trying to control. Obstructions can block the IR signal.
- Verify that the correct appliance model has been selected or that the IR learning process was successful for custom remotes.
- Check if the controller is powered on and connected to Wi-Fi.

- **Inaccurate Temperature/Humidity Readings:**

- Ensure the device is not placed near heat sources (e.g., direct sunlight, vents, electronics) or sources of moisture that could affect readings.
- Allow some time for the sensor to stabilize after initial setup or relocation.

For further assistance, please refer to the manufacturer's support channels.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	VENZ
Model Name	Smart Air Conditioner Controller
Model Number	R7246
Controller Type	Amazon Alexa, Android, Google Assistant, iOS
Special Features	Air Conditioner And Fan Smart Control, Date Display, Geofence Technology, Temperature And Humidity Monitor, Weekly Auto-Scheduling
Color	White
Specific Uses For Product	Air Conditioner Controller, Humidifier Monitor, Temperature Monitor
Temperature Control Type	Cooling
Connectivity Technology	Bluetooth, IR, Wi-Fi
Voltage	5 Volts
Material	Acrylonitrile Butadiene Styrene (ABS), Polycarbonate (PC)
Display Type	LED
Control Type	App Control
Control Method	App, Voice
Connectivity Protocol	Bluetooth, Wi-Fi
Style	Modern
Backlight	Yes
Product Dimensions	2.76 x 0.73 x 2.76 inches
Item Weight	7.8 ounces

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or further inquiries, please contact VENZ customer service through their official website or the contact details provided in your product packaging. Keep your purchase receipt for warranty claims.

