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**YAOHUIMI A420210928-(R51)-816**

# YAOHUIMI Replacement Remote Control User Manual

For EMI Enviroair Heat-Controller Models RG52A2/BGEF and RG52B/BGE A/C AC Units

## 1. INTRODUCTION

This user manual provides comprehensive instructions for the operation and maintenance of your new YAOHUIMI Replacement Remote Control. This remote is designed to be compatible with specific EMI Enviroair Heat-Controller A/C AC units, including models RG52A2/BGEF and RG52B/BGE. Please read this manual carefully before use to ensure proper functionality and to maximize the lifespan of your device.

## 2. COMPATIBILITY

This remote control is specifically designed as a replacement for EMI Enviroair Heat-Controller A/C AC units. It is compatible with the following models:

- **RG52A2/BGEF**
- **RG52B/BGE**

**Important Note:** This is not a universal remote control. Please verify your air conditioner model or existing remote control model before attempting to use this replacement unit. Brand names are not the primary indicator for compatibility; model numbers are crucial.

## 3. KEY FEATURES

- **Dual Temperature Display:** Displays temperature in both Fahrenheit (°F) and Celsius (°C).
- **Green Backlight:** Features a green backlight for improved visibility and ease of operation in low-light conditions.
- **Direct Replacement:** Functions as an updated replacement for original remote controls for the specified models.

## 4. SETUP

## 4.1 Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Slide the battery cover downwards or outwards to open.
3. Insert two new AAA batteries (not included), ensuring the positive (+) and negative (-) terminals match the diagrams inside the compartment.
4. Close the battery cover securely.

**Note:** Always replace both batteries at the same time. Do not mix old and new batteries, or different types of batteries.

## 5. OPERATING INSTRUCTIONS



**Figure 1:** Overview of the YAOHUIMI Replacement Remote Control. This image displays the front face of the remote control, showing all buttons and the digital display.

### 5.1 Power On/Off

Press the **ON/OFF** button to turn the air conditioner unit on or off.

### 5.2 Mode Selection

Press the **MODE** button repeatedly to cycle through the available operating modes:

- **AUTO:** The unit automatically selects the operating mode (Cool, Heat, Fan) based on the room temperature.
- **COOL:** Provides cooling operation.
- **DRY:** Dehumidifies the room.
- **HEAT:** Provides heating operation.

### 5.3 Temperature Adjustment

Use the **TEMP ▲** (up) and **TEMP ▼** (down) buttons to adjust the desired temperature setting. The temperature

will be displayed on the screen.



**UPGRADE!**

- Display in Fahrenheit
- Display in Celsius
- $^{\circ}\text{C} \rightleftarrows ^{\circ}\text{F}$
- GREEN BACKLIGHT**

**Figure 2:** Remote control display showing temperature in both Fahrenheit and Celsius, highlighting the green backlight feature. This image illustrates the dual temperature display capability and the green backlight for enhanced visibility.

## 5.4 Fan Speed Control

Press the **FAN SPEED** button repeatedly to select the desired fan speed:

- **AUTO:** Fan speed adjusts automatically.
- **LOW:** Low fan speed.
- **MED:** Medium fan speed.
- **HIGH:** High fan speed.

## 5.5 Swing Function

Press the **SWING** button to activate or deactivate the automatic louver swing function, which helps distribute air evenly.

## 5.6 Sleep Mode

Press the **SLEEP** button to activate sleep mode, which adjusts temperature and fan speed for comfortable sleeping conditions and energy saving.

## 5.7 Timer Functions

- **TIMER ON:** Press this button to set a time for the unit to turn on automatically. Use TEMP ▲/▼ to adjust the time.
- **TIMER OFF:** Press this button to set a time for the unit to turn off automatically. Use TEMP ▲/▼ to adjust the time.

## 5.8 LED Display / Turbo

The **LED DISPLAY / TURBO** button may control the unit's LED display or activate a turbo function for rapid cooling/heating, depending on your specific A/C model.

## 5.9 Reset / Lock

The **RESET / LOCK** button may be used to reset settings or lock the remote to prevent accidental changes. Refer to your A/C unit's manual for specific functions.

## 5.10 Air Direction

Press the **AIR DIRECTION** button to manually adjust the horizontal airflow direction.

## 6. MAINTENANCE

### 6.1 Cleaning the Remote Control

- Wipe the surface of the remote control with a soft, dry cloth.
- Do not use liquid cleaners, sprays, or chemical solvents, as these may damage the remote.

### 6.2 Battery Replacement

Replace batteries when the remote control's range decreases or if the display becomes dim. Follow the battery installation steps in Section 4.1.

- Remove batteries if the remote will not be used for an extended period to prevent leakage.
- Dispose of used batteries according to local regulations.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote not responding	Dead or incorrectly inserted batteries. Obstruction between remote and A/C unit. Remote out of range.	Replace batteries, ensuring correct polarity. Remove any obstructions. Move closer to the A/C unit.
Display is dim or blank	Low battery power.	Replace batteries.
A/C unit not responding to specific functions	Function not supported by your specific A/C model.	Refer to your A/C unit's original manual for supported functions.

## 8. SPECIFICATIONS

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- **Model Number:** A420210928-(R51)-816
- **Compatibility:** EMI Enviroair Heat-Controller RG52A2/BGEF, RG52B/BGE
- **Power Source:** 2 x AAA Batteries (not included)
- **Connectivity:** Infrared (IR)
- **Special Features:** Fahrenheit/Celsius display, Green Backlight

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer. Keep your purchase receipt as proof of purchase.