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› Central Air Conditioning Line Controller User Manual

## YANPXDOE KJR-120N(X6W)/B-GEF

# Central Air Conditioning Line Controller User Manual

Model: KJR-120N(X6W)/B-GEF | Brand: YANPXDOE

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the YANPXDOE KJR-120N(X6W)/B-GEF Central Air Conditioning Line Controller. This device is designed to provide precise control over your air conditioning system, enhancing comfort and efficiency. Please read this manual thoroughly before operating the controller.

## 2. PRODUCT OVERVIEW

The KJR-120N(X6W)/B-GEF controller is a dedicated interface for managing central air conditioning units. It features a clear display and intuitive buttons for various functions.



Figure 2.1: Front view of the controller, showing the display screen and control buttons.



Figure 2.2: Back view of the controller, showing mounting points and connection ports.



Figure 2.3: Close-up of the product label on the back, indicating the model number KJR-120N(X6W)/B-GEF.

### 3. SETUP AND INSTALLATION

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This controller is designed for straightforward integration with compatible Midea central air conditioning systems. Professional installation is recommended to ensure correct wiring and optimal performance.

#### 3.1 Pre-installation Checklist

- Ensure power to the air conditioning unit is disconnected at the circuit breaker before beginning installation.
- Verify compatibility with your existing air conditioning system model.
- Gather necessary tools (e.g., screwdriver, wire strippers).

#### 3.2 Wiring Instructions

1. Carefully remove the existing control panel, if applicable.
2. Identify the corresponding wiring terminals on the new KJR-120N(X6W)/B-GEF controller.
3. Connect the wires from your air conditioning unit to the appropriate terminals on the controller. Refer to your air conditioning unit's wiring diagram for specific connections.
4. Secure all wire connections firmly.

### 3.3 Mounting

- Mount the controller securely to the wall using appropriate screws and anchors.
- Ensure the controller is level and flush with the wall surface.
- Restore power to the air conditioning unit after installation is complete.

## 4. OPERATING INSTRUCTIONS

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The KJR-120N(X6W)/B-GEF controller offers a user-friendly interface for managing your air conditioning system.

### 4.1 Basic Functions

- **Power On/Off:** Use the dedicated power button to turn the air conditioner on or off.
- **Temperature Setting:** Adjust the desired temperature using the up and down arrow buttons. The current temperature and setpoint will be displayed.
- **Wind Speed Adjustment:** Select different fan speeds (e.g., low, medium, high, auto) using the fan speed button.

### 4.2 Mode Selection

The controller allows selection of various operating modes to suit your comfort needs:

- **Cooling Mode:** For reducing room temperature.
- **Heating Mode:** For increasing room temperature (if supported by your AC unit).
- **Dehumidification Mode:** For reducing humidity levels.
- **Ventilation Mode:** For circulating air without heating or cooling.

Press the 'Mode' button (often labeled with an 'M' or a mode icon) to cycle through available modes.

### 4.3 Timer Function

The timer function allows you to preset specific times for the air conditioner to turn on or off.

- Press the 'Timer' button (often labeled with a clock icon).
- Use the arrow buttons to set the desired on/off time.
- Confirm your setting.

### 4.4 Display Information

The digital display provides real-time information, including:

- Current room temperature.
- Set temperature.
- Operating mode icon.
- Fan speed indicator.
- Timer status.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your controller.

### 5.1 Cleaning

- Wipe the surface of the controller with a soft, dry cloth.

- Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the display or casing.

## 5.2 Battery Replacement (if applicable)

If your model uses batteries for backup or specific functions, replace them as indicated by a low battery indicator on the display. Use only the specified battery type.

## 6. TROUBLESHOOTING

If you encounter issues with your controller, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Controller not powering on	No power supply; loose wiring; circuit breaker tripped.	Check circuit breaker; verify wiring connections; ensure power is restored to AC unit.
Display is blank or dim	Power issue; display malfunction.	Check power supply; if problem persists, contact support.
Buttons unresponsive	Software glitch; physical damage.	Try resetting the unit (if applicable); ensure no physical obstruction; contact support.
Incorrect temperature reading	Sensor obstruction; sensor malfunction.	Ensure sensor area is clear; if problem persists, contact support.

If the issue persists after attempting these solutions, please contact customer support.

## 7. SPECIFICATIONS

- **Model Number:** KJR-120N(X6W)/B-GEF
- **Type:** Air Conditioning Fitting / Air Conditioner Parts
- **Brand:** YANPXDOE
- **Package Dimensions:** 0.39 x 0.39 x 0.39 inches
- **Item Weight:** 1.76 ounces
- **Country of Origin:** China
- **Assembly Required:** No
- **Number of Pieces:** 1

## 8. WARRANTY AND SUPPORT

Specific warranty information for this product is typically provided at the point of purchase or within the product packaging. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or manufacturer directly. Contact details may be found on the product packaging or the seller's online storefront.

