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Display box 0664328297063

Airwell/Electra Air Conditioner Display Board N/P 438778 User Manual

Model: **0664328297063** | Brand: **Display box**

1. INTRODUCTION

This user manual provides essential information for the proper installation, operation, and maintenance of the Airwell/Electra Air Conditioner Display Board N/P 438778. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

This display board is designed to provide visual feedback and control for compatible Airwell and Electra air conditioning units. It features indicators for various operational modes and status.

2. SAFETY INFORMATION

- Always disconnect power to the air conditioning unit before attempting installation, maintenance, or repair of the display board.
- Installation should only be performed by qualified personnel to prevent electrical shock or damage to the unit.
- Do not expose the display board to water or excessive moisture.
- Do not attempt to modify or disassemble the display board.
- Keep out of reach of children.

3. PACKAGE CONTENTS

- 1 x Airwell/Electra Air Conditioner Display Board N/P 438778
- 1 x User Manual (this document)

4. SETUP AND INSTALLATION

The display board is an internal component designed for specific Airwell/Electra air conditioning models. Installation typically involves replacing an existing faulty display board or integrating it into a compatible unit.

1. **Power Disconnection:** Ensure the air conditioning unit is completely disconnected from the main power supply before beginning installation. Verify with a voltage tester.
2. **Access Panel:** Locate and open the access panel on your air conditioning unit that houses the existing display board or the

designated installation area. Refer to your air conditioner's specific service manual for exact location.

3. **Disconnect Old Board (if applicable):** Carefully disconnect any wiring harnesses or ribbon cables from the old display board. Note the orientation and connection points.
4. **Install New Board:** Align the new Airwell/Electra Display Board N/P 438778 with the mounting points. Secure it in place using the appropriate fasteners (not included, typically reused from the old board).
5. **Connect Wiring:** Reconnect all wiring harnesses and ribbon cables to the new display board, ensuring secure and correct connections. Double-check all connections against the air conditioner's wiring diagram.
6. **Close Panel:** Carefully close and secure the access panel.
7. **Power On:** Reconnect the air conditioning unit to the main power supply.

Note: If you are unsure about any step, consult a qualified HVAC technician. Improper installation can lead to damage or injury.

5. OPERATING THE DISPLAY BOARD

The display board provides visual indicators for the operational status of your air conditioning unit. It typically works in conjunction with a remote control (not included) or main unit controls.



Figure 1: Front view of the Airwell/Electra Air Conditioner Display Board. This image shows the various indicator lights for COOL, HEAT, MODE, TIMER, STBY (Standby), and OPER (Operation), along with a sensor window.

Indicator Lights:

- **COOL (Green LED):** Illuminates when the air conditioning unit is operating in cooling mode.
- **HEAT (Red LED):** Illuminates when the air conditioning unit is operating in heating mode.
- **MODE (Indicator):** May indicate the current operating mode (e.g., Fan, Dry, Auto) depending on the specific model and its integration with the main unit. Refer to your air conditioner's manual for details.
- **TIMER (Yellow LED):** Illuminates when a timer function (e.g., auto-on/off) is active.
- **STBY (Standby - Red LED):** Illuminates when the unit is in standby mode, awaiting commands.
- **OPER (Operation - Green LED):** Illuminates when the unit is actively running (compressor, fan, etc.).

Buttons (if present):

Some display boards may include a small button, often labeled "MODE" or "RESET". This button typically allows for basic mode cycling or resetting the unit. Consult your air conditioner's main manual for specific button functionalities.

6. MAINTENANCE

The display board requires minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Gently wipe the surface of the display board with a soft, dry cloth to remove dust. Do not use abrasive cleaners,

solvents, or excessive moisture.

- **Inspection:** Periodically inspect the board for any signs of physical damage or loose connections.
- **Avoid Obstruction:** Ensure the sensor window (if present) is not obstructed by dust or debris, as this may affect remote control reception.

7. TROUBLESHOOTING

If you experience issues with your display board, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No lights on display board.	No power to the unit; Loose connection; Faulty board.	Check power supply to the AC unit. Verify all connections to the display board. If power is present and connections are secure, the board may be faulty and require replacement.
Remote control not working.	Remote batteries dead; Obstruction of IR sensor; Faulty remote; Faulty IR receiver on board.	Replace remote control batteries. Ensure no obstruction between remote and display board. Test with another remote if possible. If issues persist, the IR receiver on the board may be damaged.
Incorrect indicator lights.	Wiring error; Main unit malfunction; Faulty board.	Verify all wiring connections. Check the main air conditioning unit for error codes or malfunctions. If the main unit is operating correctly, the display board may be faulty.

Important: For complex issues or if the above solutions do not resolve the problem, contact a qualified HVAC technician.

8. SPECIFICATIONS

Feature	Detail
Product Model Number	0664328297063
Manufacturer	Display box
Product Dimensions	7 x 7 x 4 cm (2.76 x 2.76 x 1.57 inches)
Product Weight	60 Grams (0.13 lbs)
Control Method	Remote Control (via IR sensor on board)
ASIN	B0CDCDNLPP

9. WARRANTY AND SUPPORT

Specific warranty information for this product may vary depending on your region and the retailer from whom it was purchased. Please refer to your purchase documentation or contact the seller directly for details regarding warranty coverage and support. For technical assistance or further inquiries, please contact the manufacturer or your authorized service provider.

