

ClimaTek Oven Control Board

ClimaTek Oven Control Board Instruction Manual

For Frigidaire FFGF3047LSF, Frigidaire FGF348KSK, and Tappan TGF336AUA Ranges

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your new ClimaTek Oven Control Board. This component is designed as a replacement part for specific range models. Please read this manual thoroughly before attempting any installation or repair.

2. SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect power to the appliance at the circuit breaker or fuse box before beginning any installation or repair. Failure to do so can result in serious injury or death.
- **Qualified Technician:** Installation should only be performed by a qualified technician. Improper installation can damage the appliance or cause electrical hazards.
- **Static Discharge:** Electronic components are sensitive to static electricity. Handle the control board by its edges and avoid touching the electronic components directly. Consider using an anti-static wrist strap.
- **Original Parts:** Use only genuine or approved compatible replacement parts.

3. PACKAGE CONTENTS

- 1 x ClimaTek Oven Control Board
- (No additional accessories are typically included with this component)

4. COMPATIBILITY

This ClimaTek Oven Control Board is compatible with the following range models:

- Frigidaire FFGF3047LSF
- Frigidaire FGF348KSK

- Tappan TGF336AUA

Always verify the part number on your existing control board against the replacement part to ensure correct compatibility before installation.

5. SETUP AND INSTALLATION

Important: Ensure all safety precautions in Section 2 are followed before proceeding.

1. **Disconnect Power:** Turn off the power to the range at the main circuit breaker or fuse box. Confirm power is off by attempting to turn on the oven or stove.
2. **Access Control Panel:** Depending on your range model, you may need to remove screws from the back panel or top console to access the existing control board. Refer to your appliance's specific service manual for detailed access instructions.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the old control board. This will be crucial for correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and individual wires from the old control board. Note that some connectors may have locking tabs.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Position the new ClimaTek Oven Control Board in the same location as the old one. Secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photos or diagram, carefully reconnect all wire harnesses and individual wires to the corresponding terminals on the new control board. Ensure all connections are secure.
8. **Reassemble Panel:** Reattach the control panel or back panel, ensuring all screws are tightened.
9. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.
10. **Test Functionality:** Test all oven and clock functions to ensure the new control board is operating correctly.



Figure 1: Front view of the ClimaTek Oven Control Board. This image displays the digital display and button interface of the replacement control board, which manages oven functions and the clock timer.

6. OPERATING INSTRUCTIONS

Once installed, the ClimaTek Oven Control Board functions identically to the original control board of your compatible range. Refer to your specific range model's user manual for detailed instructions on setting the clock, using oven baking, broiling, and self-cleaning functions, as well as timer operations.

Common functions typically include:

- **Setting the Clock:** Usually involves pressing a "Clock" or "Time" button, then using number pads to enter the time, and confirming.
- **Bake Function:** Select "Bake", enter desired temperature, and press "Start".
- **Timer Function:** Select "Timer", enter desired time, and press "Start".

7. MAINTENANCE

The ClimaTek Oven Control Board is a sealed electronic component and requires no routine maintenance. If cleaning the control panel area, ensure the appliance is disconnected from power and use a soft, damp cloth. Avoid abrasive cleaners or excessive moisture near the control board.

8. TROUBLESHOOTING

If your range is not functioning correctly after installing the new control board, consider the following:

- **No Power/Display Off:**
 - Check the circuit breaker to ensure power is restored to the appliance.
 - Verify all wire connections to the control board are secure and correctly seated.
- **Incorrect Functionality:**
 - Double-check all wire connections against your diagram or photos to ensure they match the original configuration.
 - Ensure the control board is fully seated in its mounting brackets.
- **Error Codes:**
 - Refer to your specific range model's user manual or service manual for a list of error codes and their corresponding troubleshooting steps.
- **Intermittent Operation:**
 - Re-verify all connections. Loose connections can cause intermittent issues.
 - Ensure no wires are pinched or damaged during reassembly.

If issues persist after troubleshooting, it is recommended to contact a qualified appliance repair technician.

9. SPECIFICATIONS

Feature	Detail
Product Type	Oven Stove Clock Timer Control Board
Brand	ClimaTek
Compatibility	Frigidaire FFGF3047LSF, FGF348KSK; Tappan TGF336AUA
Dimensions	4 x 4 x 7 inches (approximate)
Weight	13 ounces (approximate)

10. WARRANTY AND SUPPORT

For warranty information and technical support regarding your ClimaTek Oven Control Board, please refer to the documentation provided with your purchase or contact ClimaTek directly through their official channels. As this is a replacement part, specific warranty terms may vary.

For general inquiries or to find more products, visit the [ClimaTek Store on Amazon](#).