

Sourcefy 215A-0075-00

Sourcefy 215A-0075-00 Printed Circuit Board Assembly User Manual

For Dyna-Glo KFA400DGD and Dura Heat DFA400T Heating Systems

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1. PRODUCT OVERVIEW

The Sourcefy 215A-0075-00 Printed Circuit Board (PCB) Assembly is a critical component designed to manage and control the electrical functions within compatible heating systems. This PCB is specifically engineered for use with 400,000 BTU Dyna-Glo KFA400DGD and Dura Heat DFA400T models, ensuring reliable performance and system integration.



Figure 1: Top-down view of the Sourcefy 215A-0075-00 PCB Assembly, showing various electronic components, a digital display, and a control knob.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before attempting to install, operate, or maintain this product. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Disconnect Power:** Always ensure that the main power supply to the heating system is disconnected before beginning any installation or maintenance procedures.
- **Qualified Personnel:** Installation and servicing should ideally be performed by a qualified technician. If performing DIY installation, proceed with extreme caution.
- **Static Discharge:** Electronic components are sensitive to static electricity. Handle the PCB by its edges and avoid touching components directly. Consider using an anti-static wrist strap.
- **Component Integrity:** Do not use the PCB if it appears damaged or has visible defects.

- **Environmental Conditions:** Ensure the installation environment is dry and free from moisture or excessive dust.

3. INSTALLATION INSTRUCTIONS

This section provides general guidance for installing the Sourcefy 215A-0075-00 PCB Assembly. For detailed, model-specific instructions, always refer to the original service manual for your Dyna-Glo KFA400DGD or Dura Heat DFA400T heating system.

1. Preparation:

- Ensure the heating system is completely powered off and unplugged from its power source.
- Gather necessary tools, which may include screwdrivers, pliers, and an anti-static mat or wrist strap.

2. Access the Existing PCB:

- Carefully open the heating system's access panel to expose the existing circuit board.
- Take photographs of the current wiring configuration before disconnecting anything. This will serve as a reference during reassembly.

3. Disconnect and Remove:

- Systematically disconnect all wires and connectors from the old PCB. Label them if necessary to avoid confusion.
- Unscrew or unclip the old PCB from its mounting points and carefully remove it.

4. Install New PCB:

- Handle the new Sourcefy 215A-0075-00 PCB by its edges.
- Align the new PCB with the mounting points and secure it using the original screws or clips.
- Refer to your photographs and reconnect all wires and connectors to their corresponding terminals on the new PCB. Ensure all connections are secure and correctly seated.

5. Verify and Test:

- Double-check all connections for accuracy and tightness.
- Close the access panel.
- Reconnect the heating system to its power source and power it on.
- Observe the system's operation to ensure it functions correctly.



Figure 2: Angled view of the Sourcefy 215A-0075-00 PCB Assembly, highlighting the various connectors and the overall layout.

4. OPERATING INSTRUCTIONS

The Sourcefy 215A-0075-00 PCB Assembly is an internal control component and does not have direct user-operable controls beyond what is integrated into the heating system itself. Once installed, the PCB functions automatically to manage the heating system's operations.

To operate your Dyna-Glo KFA400DGD or Dura Heat DFA400T heating system, please refer to the specific user manual provided with your heating unit. This manual will detail how to power on/off the system, adjust settings, and utilize its various functions.

5. MAINTENANCE

The Sourcefy 215A-0075-00 PCB Assembly is designed for long-term reliability and typically requires minimal direct maintenance. However, general care for the heating system it is installed in will contribute to its longevity.

- **Keep Dry:** Ensure the heating system and its internal components, including the PCB, are kept dry and protected from moisture.
- **Cleanliness:** Periodically inspect the heating system's interior for excessive dust or debris accumulation. If necessary, gently clean the area around the PCB using compressed air or a soft, dry brush, ensuring the power is disconnected first.
- **Visual Inspection:** During any routine maintenance of the heating system, visually inspect the PCB for any signs of damage, discoloration, or loose connections.

Do not attempt to repair the PCB yourself. If the board is suspected to be faulty, it should be replaced.

6. TROUBLESHOOTING

If your heating system experiences issues after the installation of the Sourcefy 215A-0075-00 PCB, consider the following troubleshooting steps. Always ensure the power is disconnected before inspecting internal components.

- **System Not Powering On:**
 - Verify that the heating system is properly plugged into a working power outlet.
 - Check the circuit breaker for the heating system.
 - Ensure all connections to the PCB are secure and correctly seated.
- **Erratic Operation or Incorrect Readings:**
 - Confirm that all wiring is connected according to the original system's diagram or your reference photos.
 - Inspect the PCB for any visible damage or loose components.
- **No Heat Output:**
 - Consult the heating system's user manual for specific diagnostic codes or indicators.
 - Ensure all safety sensors and switches are properly connected and functioning.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified service technician or Sourcefy customer support for further assistance.

7. PRODUCT SPECIFICATIONS

Model Number	215A-0075-00
Brand	Sourcefy
Product Type	Printed Circuit Board Assembly (PCB)
Compatibility	Dyna-Glo KFA400DGD, Dura Heat DFA400T (400,000 BTU models)

Key Features

Made with high-quality components, pressure and computer tested for reliability.

8. WARRANTY INFORMATION

The Sourcefy 215A-0075-00 Printed Circuit Board Assembly comes with a **6 Months Unlimited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.

The warranty does not cover damage resulting from improper installation, misuse, abuse, neglect, accident, unauthorized repair or modification, or any other cause not related to defects in materials or workmanship. To make a warranty claim, please retain your proof of purchase and contact Sourcefy customer support.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or general inquiries regarding your Sourcefy 215A-0075-00 PCB Assembly, please contact Sourcefy customer support.

Sourcefy Customer Service:

Website: [Visit the Sourcefy Store on Amazon](#)

(Please refer to the Sourcefy website or product packaging for the most current contact information.)