

Sourcefy 75-025-0100

Sourcefy 75-025-0100 Ignitor Assembly Instruction Manual

Model: 75-025-0100 | Compatible with PT-35-SS, 1VNX6A, HH-55-SS, 1VNX5, 1VNX5A Heaters

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Sourcefy 75-025-0100 Ignitor Assembly. This ignitor is designed for use in various heaters, including models PT-35-SS, 1VNX6A, HH-55-SS, 1VNX5, and 1VNX5A. Please read this manual thoroughly before attempting any procedures.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power to the heater before installing, servicing, or removing the ignitor assembly. Failure to do so can result in serious injury or death.

- Installation should only be performed by a qualified technician.
- Ensure the replacement ignitor matches the specifications of the original part.
- Do not operate the heater with damaged or improperly installed components.
- Keep all wiring connections secure and free from corrosion.

3. PACKAGE CONTENTS

The Sourcefy 75-025-0100 Ignitor Assembly package includes:

- 1 x Sourcefy 75-025-0100 Ignitor Assembly (IPO120S Series)



Image: The complete Sourcefy 75-025-0100 Ignitor Assembly, featuring the main ignitor unit, red block connector, and two high-temperature spark plug leads.

4. SETUP AND INSTALLATION

This ignitor assembly is a critical component of your heater's ignition system. Proper installation is essential for safe and efficient operation. Refer to your specific heater's service manual for detailed installation steps and diagrams.

General Installation Guidelines:

1. **Power Disconnection:** Ensure the heater is completely disconnected from its power source before beginning any work.
2. **Access:** Locate and access the existing ignitor assembly within your heater. This may require removing panels or covers.
3. **Removal of Old Ignitor:** Carefully disconnect the wiring from the old ignitor. Note the position and connection points of the primary (brown leads with red connector) and secondary (spark plug leads) wiring. Remove the old ignitor from its mounting.
4. **Installation of New Ignitor:** Mount the new Sourcefy 75-025-0100 Ignitor Assembly in the same location as the old unit.
5. **Wiring Connections:**
 - Connect the primary brown leads with the red block connector to the corresponding power input on the heater's control board.
 - Connect the two high-temperature spark plug leads to the spark electrodes in the combustion chamber. Ensure these connections are secure and properly seated.
6. **Secure Components:** Ensure all components are securely fastened and wiring is routed to prevent pinching or contact with hot surfaces.
7. **Restore Power:** Once installation is complete and verified, restore power to the heater.



Image: Close-up view of the red block connector for primary voltage input and the two high-temperature spark plug leads for secondary voltage output.

5. OPERATING INSTRUCTIONS

The Sourcefy 75-025-0100 Ignitor Assembly operates automatically as part of your heater's ignition sequence. When the heater calls for heat, the control board sends power to the ignitor. The ignitor then generates a high-voltage spark across the electrodes in the combustion chamber, igniting the fuel. Once ignition is confirmed by the flame sensor, the ignitor typically deactivates until the next call for heat.

No direct user interaction is required with the ignitor assembly during normal operation.

6. MAINTENANCE

Regular maintenance of your heater system, including inspection of the ignitor assembly, can help ensure reliable operation.

- **Visual Inspection:** Periodically inspect the ignitor assembly for signs of wear, cracking, or carbon buildup on the electrodes.
- **Wiring:** Check all wiring connections for tightness and ensure insulation is intact.
- **Cleaning:** If necessary, gently clean any dust or debris from the ignitor unit and leads using a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Replacement:** If the ignitor shows signs of damage or consistent failure, it should be replaced by a qualified technician.

Always disconnect power before performing any maintenance.

7. TROUBLESHOOTING

If your heater is experiencing ignition issues, the ignitor assembly may be a contributing factor. Always consult your heater's specific troubleshooting guide first.

Common Symptoms of Ignitor Issues:

- **No Ignition/No Spark:** The heater attempts to start but no flame is established, and no spark is visible or audible.
- **Intermittent Ignition:** The heater struggles to ignite or ignites inconsistently.
- **Heater Locks Out:** The heater attempts ignition multiple times and then shuts down with an error code.

Troubleshooting Steps (for qualified technicians only):

- Verify that the ignitor is receiving the correct primary voltage (AC 120V).
- Inspect the spark plug leads and electrodes for damage, proper gap, and carbon buildup.
- Check for loose or corroded wiring connections.
- If the ignitor is receiving power but not producing a spark, it may be faulty and require replacement.

For complex issues, it is recommended to contact a certified HVAC technician.

8. SPECIFICATIONS

Feature	Specification
Model Number	75-025-0100 (IPO120S Series)
Primary Voltage	AC 120 Volts, 50/60Hz
Primary Lead Length	10 inch (with 2-pin red block connector, brown leads)
Secondary Voltage	16.5 KV o-p
Secondary Lead Length	2 x 12-inch high-temperature spark plug leads
Item Weight	2 pounds
Compatible Heater Models	PT-35-SS, 1VNX6A, HH-55-SS, 1VNX5, 1VNX5A

9. WARRANTY INFORMATION

The Sourcefy 75-025-0100 Ignitor Assembly comes with a **6 Months Unlimited Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please contact Sourcefy customer support.

10. SUPPORT

For technical assistance, troubleshooting guidance, or questions regarding your Sourcefy 75-025-0100 Ignitor Assembly, please contact Sourcefy customer support. When contacting support, please have your product model number (75-025-0100) and any relevant heater model information available.

You can find more information and contact details by visiting the [Sourcefy Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question