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› Sourcefy 75-024-0500 11-inch Small ID Fuel Intake Hose Instruction Manual

Sourcefy PT-35-HS PT-55-SS HH-55-SS 1VNX5 1VNX6

Sourcefy 75-024-0500 11-inch Small ID Fuel Intake Hose Instruction Manual

Models: PT-35-HS, PT-55-SS, HH-55-SS, 1VNX5, 1VNX6

1. PRODUCT OVERVIEW

The Sourcefy 75-024-0500 Fuel Intake Hose is a replacement component designed for specific kerosene and diesel portable forced air heaters. This hose facilitates the transfer of fuel within the heater system, ensuring proper operation. It is manufactured with quality components to provide consistent performance and reliability.

Key Features:

- Constructed from high-quality materials for durability.
- Pressure and computer tested to ensure consistent quality and reliability.
- Designed for use with kerosene and diesel portable forced air residential and construction heaters.
- Compatible with Pro-Temp PT-35-HS, PT-55-SS, Heat-Hog HH-55-SS, and Dayton 1VNX5, 1VNX6 models.



Figure 1: Sourcefy 75-024-0500 Fuel Intake Hose. This image shows the black, flexible hose in a curved shape, indicating its typical form.

2. SAFETY INFORMATION

Always prioritize safety when working with fuel systems and heating equipment. Failure to follow these safety guidelines may result in property damage, personal injury, or death.

- **Disconnect Power:** Before attempting any installation, maintenance, or repair, ensure the heater is completely powered off and unplugged from its power source.
- **Allow Cooling:** Allow the heater to cool down completely before handling any components, especially those near the fuel system.
- **Ventilation:** Work in a well-ventilated area to avoid inhaling fuel fumes.
- **Fire Hazards:** Keep open flames, sparks, and ignition sources away from the work area. Have a fire extinguisher readily available.
- **Fuel Handling:** Handle fuel with extreme care. Avoid spills. Clean up any spills immediately and thoroughly.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses and chemical-resistant gloves, to protect against fuel exposure.
- **Professional Assistance:** If you are unsure about any step or encounter difficulties, consult a qualified technician.

3. INSTALLATION

This section outlines the general procedure for replacing the fuel intake hose. Specific heater models may have slight variations.

Tools Required:

- Screwdriver (appropriate type for hose clamps)
- Pliers (if hose clamps are not screw-type)
- Container for draining residual fuel
- Clean rags

Installation Steps:

1. **Prepare the Heater:** Ensure the heater is turned off, unplugged, and has cooled down completely.
2. **Locate the Hose:** Identify the existing fuel intake hose on your heater. It typically connects the fuel tank to the fuel pump or filter assembly.
3. **Drain Fuel:** If necessary, drain any residual fuel from the hose or fuel system into an appropriate container. Use rags to catch any drips.
4. **Remove Old Hose:** Loosen the hose clamps at both ends of the old fuel intake hose. Carefully detach the hose from its connection points. Dispose of the old hose properly.
5. **Inspect Connections:** Examine the connection points for any damage, corrosion, or debris. Clean if necessary.
6. **Install New Hose:** Position the new Sourcefy 75-024-0500 fuel intake hose. Securely attach one end to its connection point, ensuring a snug fit. Slide the hose clamp over the connection and tighten it firmly, but do not overtighten.
7. **Connect Second End:** Connect the other end of the new hose to its corresponding connection point and secure it with the hose clamp.
8. **Check for Leaks:** After installation, visually inspect all connections. Reconnect power to the heater and perform a leak check before full operation. Address any leaks immediately.



Figure 2: New fuel intake hose ready for installation. This image displays the flexible hose in a U-shape, illustrating its adaptability for various connection configurations.

4. OPERATION

The fuel intake hose is a passive component within the heater's fuel system. Its primary function is to safely and efficiently transport fuel from the tank to the heater's internal components. Once properly installed, no

specific operational steps are required for the hose itself.

- Ensure the hose is free from kinks or obstructions that could impede fuel flow.
- Regularly check for any signs of wear or damage during heater operation.
- Refer to your heater's specific instruction manual for detailed operating procedures of the heater itself.

5. MAINTENANCE

Proper maintenance of the fuel intake hose ensures the longevity and safe operation of your heater.

Regular Inspection:

- **Visual Check:** Periodically inspect the entire length of the hose for any signs of cracking, fraying, hardening, softening, bulges, or other physical damage.
- **Leak Detection:** Check for any signs of fuel leakage around the hose connections or along the hose itself. A strong fuel odor is also an indicator of a potential leak.
- **Connection Security:** Ensure that all hose clamps are tight and secure.

Cleaning:

If the hose becomes dirty, wipe it clean with a damp cloth. Avoid using harsh chemicals or solvents that could degrade the hose material.

Replacement:

Replace the fuel intake hose immediately if any damage, leaks, or significant wear are detected. Do not attempt to repair a damaged fuel hose; always replace it with a new, compatible part.



Figure 3: Inspecting hose connections. This image provides a closer view of the hose, emphasizing the importance of checking for secure connections and signs of wear.

6. TROUBLESHOOTING

This section addresses common issues related to the fuel intake hose.

Problem	Possible Cause	Solution
Fuel Leakage	Loose hose clamps, damaged hose, cracked connection point.	Tighten clamps, replace damaged hose, inspect and replace connection points if necessary.
No Fuel Flow / Heater Not Starting	Kinked or obstructed hose, clogged fuel filter (not part of hose but related), empty fuel tank.	Inspect hose for kinks and clear obstructions. Check fuel filter and tank level.
Strong Fuel Odor	Hidden fuel leak, loose connection.	Thoroughly inspect the entire fuel system for leaks. Ensure all connections are secure.

7. SPECIFICATIONS

- **Part Number:** 75-024-0500
- **Length:** Approximately 11 inches (based on product title)
- **Inner Diameter (ID):** Small (as per product title)
- **Compatibility:** Pro-Temp PT-35-HS, PT-55-SS; Heat-Hog HH-55-SS; Dayton 1VNX5, 1VNX6
- **Material:** High-quality components (specific material not provided)
- **Color:** Black
- **Item Weight:** Approximately 4 ounces
- **Manufacturer:** Sourcefy
- **UPC:** 612461847195

8. WARRANTY INFORMATION

This Sourcefy product 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.

9. CUSTOMER SUPPORT

For technical assistance, questions regarding installation, troubleshooting, or warranty claims, please contact Sourcefy customer support. Have your product model number and purchase information ready when contacting support.

Manufacturer: Sourcefy

Refer to the official Sourcefy website or your product packaging for the most current contact information.