

Dexen H3VK

Dexen H3V-K-L1 3 Volt IPI Propane Gas Valve Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and proper handling, installation, operation, and maintenance of the Dexen H3V-K-L1 3 Volt IPI Propane Gas Valve. This valve is designed as a replacement component for various hearth products, including gas fireplaces, stoves, and gas log sets, utilizing a 3-volt electronic ignition system. It is CSA certified, ensuring compliance with stringent safety standards.

IMPORTANT SAFETY INFORMATION

WARNING: To prevent serious injury, electrical shock, or severe burns, all servicing and repair of hearth products or gas appliances utilizing Dexen controls must be performed exclusively by a state-licensed or qualified service technician.

Prior to Commencing Service:

- **Isolate Power Sources:** Ensure that both the gas supply (if applicable) and electrical power to the hearth product or gas appliance are completely disconnected.
- **Allow for Thermal Dissipation:** Permit the gas appliance to cool down entirely before initiating any servicing procedures.

During Service Procedures:

- **Operational Safety:** Under no circumstances should the hearth product or gas appliance be serviced while it is in operation or retains any residual heat.
- **Electrical Disconnection:** Never attempt to service any hearth product or gas appliance that remains connected to an electrical power source.

Post-Service Verification:

- **Leak Detection Protocol (if applicable):** Following any repair involving gas components, it is imperative to conduct thorough testing for gas leaks to ensure safe operation.
- **Adherence to Guidelines:** Strictly adhere to all provided instructions to mitigate the potential for electrical shock or severe thermal injuries.

PRODUCT OVERVIEW AND SPECIFICATIONS

The Dexen H3V-K-L1 is a 3-volt replacement gas valve designed for use with propane gas in various hearth products. It is compatible with systems from brands such as Warmth-n-Glo, Heatilator, and Quadrafire. The valve is CSA certified, indicating it has undergone rigorous testing to meet safety and quality standards, covering potential hazards like gas leaks and fire.

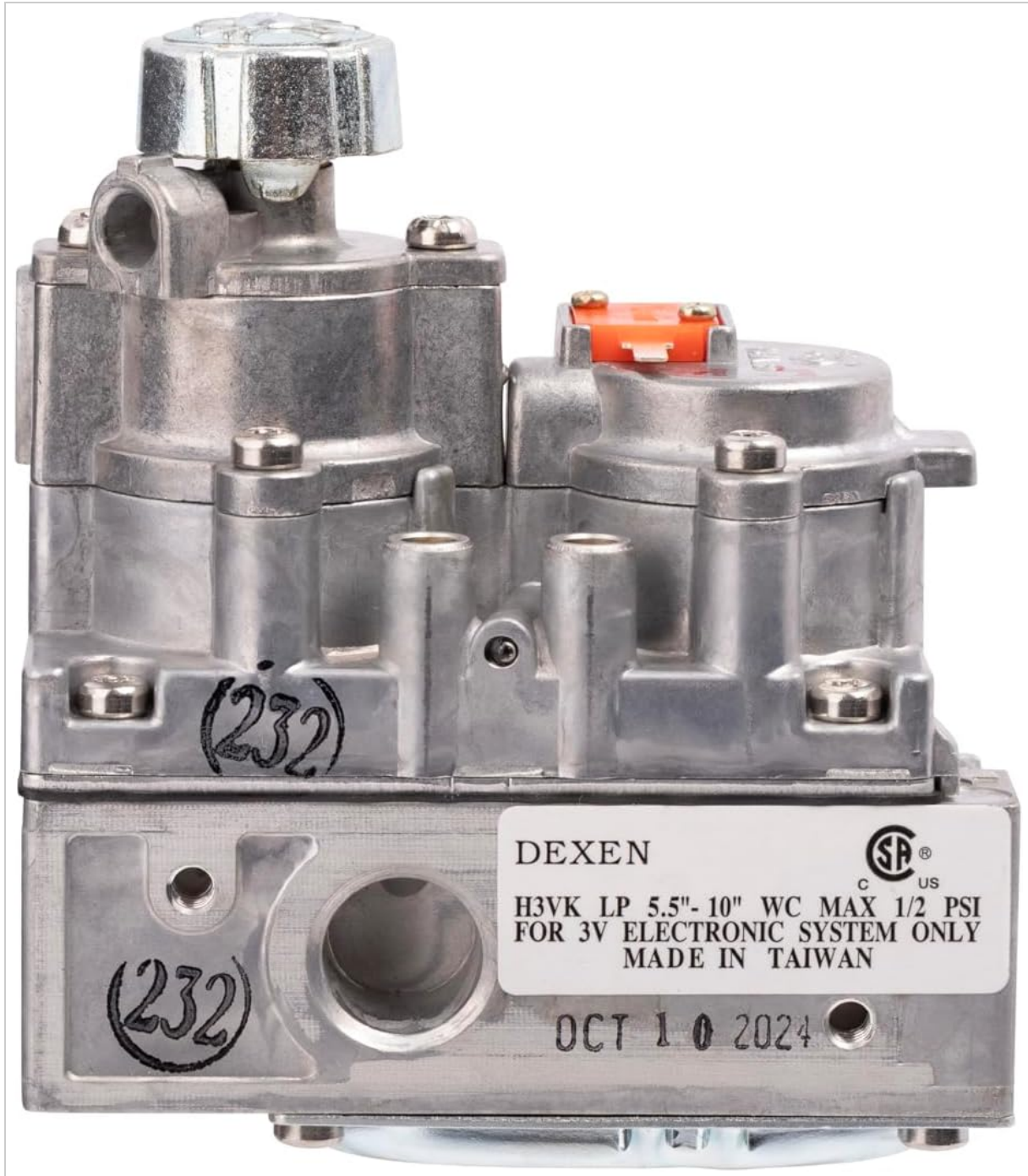


Image 1: Front view of the Dexen H3V-K-L1 Propane Gas Valve, showing the main body and the specification label indicating 'DEXEN H3VK LP 5.5"-10" WC MAX 1/2 PSI FOR 3V ELECTRONIC SYSTEM ONLY MADE IN TAIWAN' and a manufacturing date.

Key Specifications:

- **Brand:** Dexen
- **Model:** H3VK
- **Gas Type:** Propane Gas
- **Pressure:** 5.5"-10" WC
- **Max PSI Inlet:** 1/2 PSI
- **Power:** 3 Volt System

Physical Specifications:

- **Item Weight:** Approximately 2 pounds
- **Package Dimensions:** Approximately 9 x 9 x 5 inches
- **Material:** Metal
- **Color:** Silver

INSTALLATION GUIDELINES

Installation of the Dexen H3V-K-L1 gas valve must be performed by a qualified and licensed service technician. Incorrect installation can lead to gas leaks, fire, or other serious hazards. Always refer to the specific appliance manufacturer's instructions for detailed installation procedures.

Before installation, verify that the model number of this valve matches the requirements specified in your appliance's manual to ensure compatibility.



Image 2: Front view of the Dexen H3V-K-L1 gas valve, similar to Image 1, with a visible watermark from 'Allparts

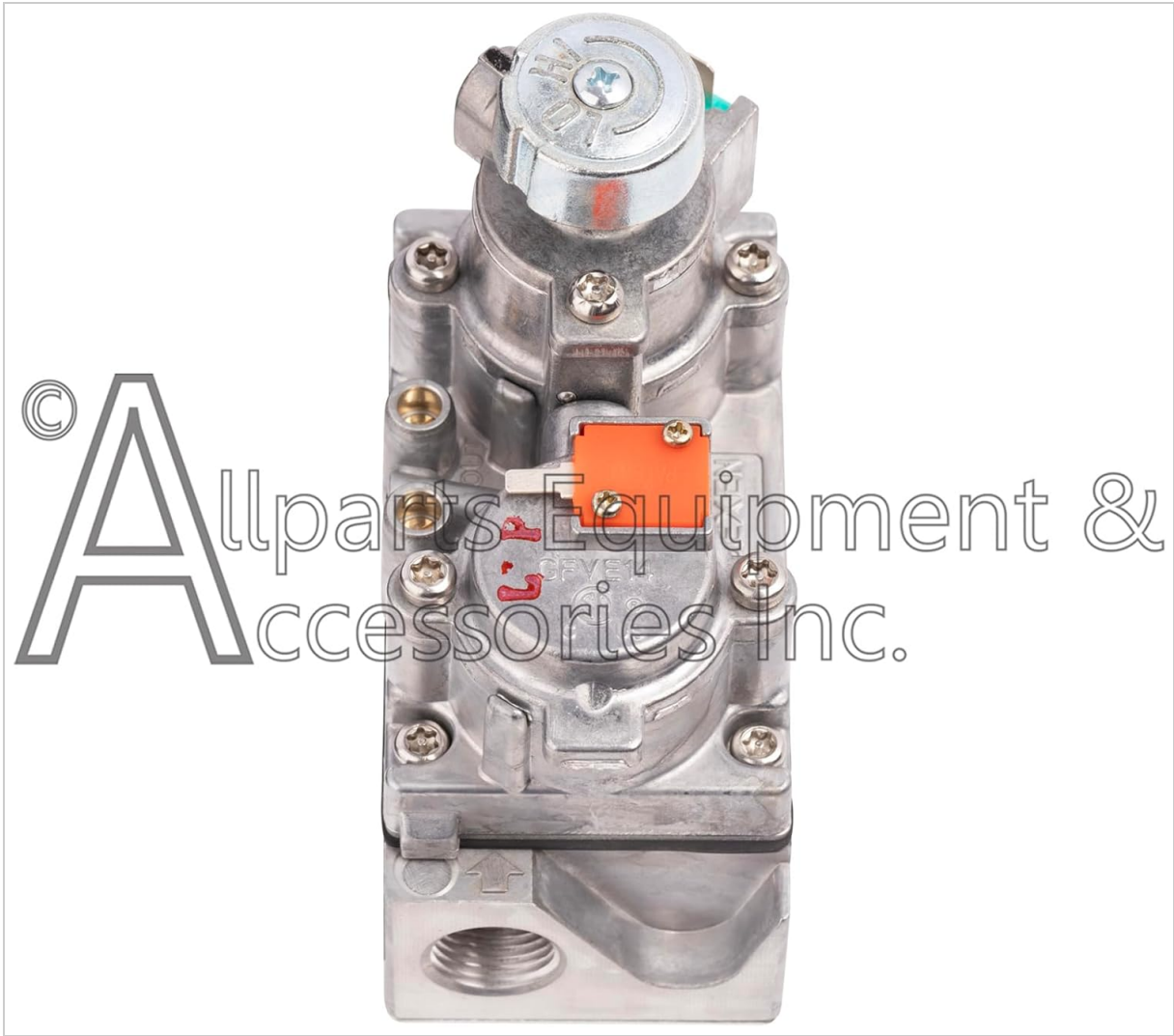


Image 3: Top-down view of the Dexen H3V-K-L1 gas valve, showing the control knob and various connections, with a visible watermark.

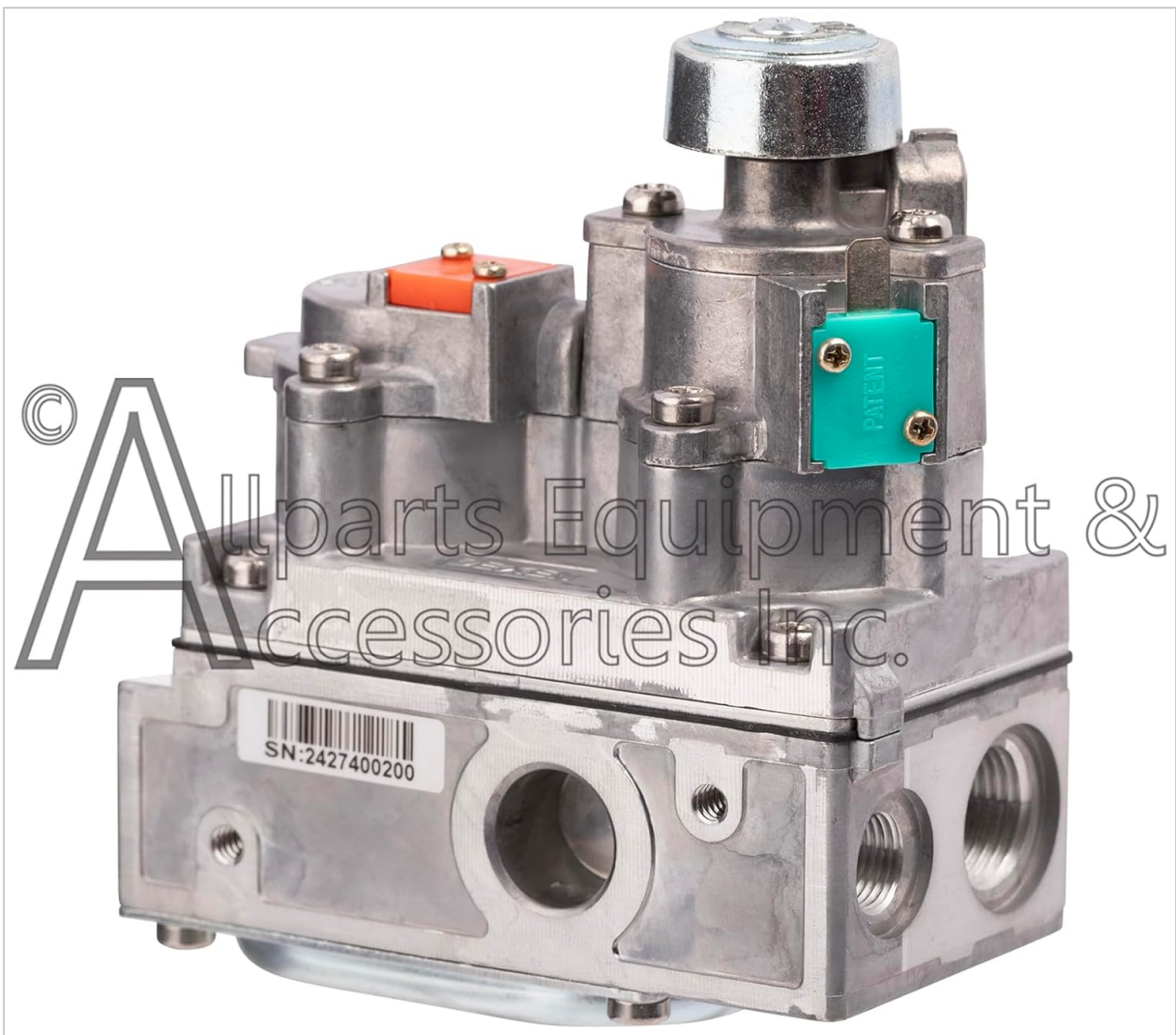


Image 4: Side view of the Dexen H3V-K-L1 gas valve, displaying the serial number and various ports, with a visible watermark.

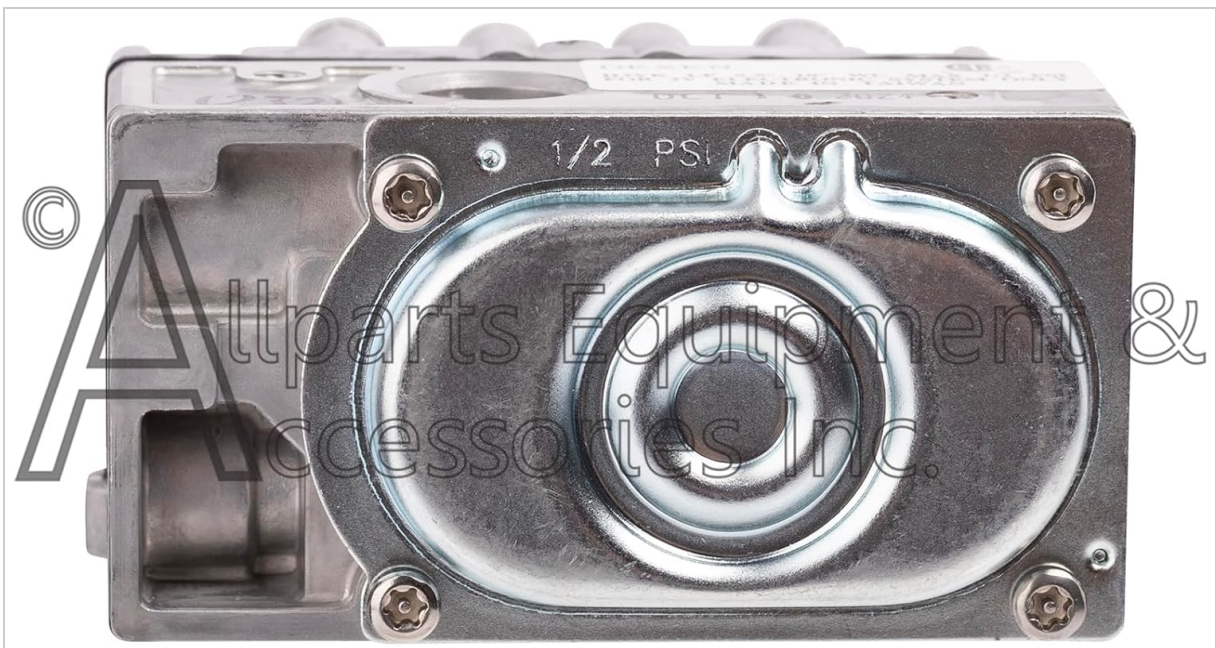


Image 5: Bottom view of the Dexen H3V-K-L1 gas valve, showing the base plate and connection points, with a visible watermark.

OPERATION

The Dexen H3V-K-L1 gas valve functions as a critical component within a larger 3-volt electronic ignition system for gas-fired appliances. Its operation is typically controlled by the appliance's main control board and user interface (e.g., remote control, wall switch).

Upon receiving the appropriate electrical signal, the valve regulates the flow of propane gas to the pilot and main burner, allowing for ignition and flame modulation as per the appliance's design. Always follow the operating instructions provided by the manufacturer of your specific fireplace, stove, or gas log set.

MAINTENANCE

Regular maintenance of gas appliances, including gas valves, is crucial for safe and efficient operation. Maintenance should only be performed by a qualified service technician.

- **Annual Inspection:** It is recommended to have your gas appliance and its components, including the gas valve, inspected annually by a professional.
- **Cleaning:** Do not attempt to clean internal components of the gas valve. External surfaces may be wiped with a damp cloth after ensuring the gas supply and electrical power are disconnected and the appliance is cool.
- **Component Replacement:** If any part of the gas valve is found to be faulty or damaged, it must be replaced with an original equipment manufacturer (OEM) part by a qualified technician.

TROUBLESHOOTING

If your gas appliance is not operating correctly, or if you suspect an issue with the gas valve, do not attempt to repair it yourself. Contact a qualified service technician immediately.

Common issues related to gas valves often manifest as:

- Failure to ignite
- Intermittent flame
- Pilot light issues
- Unusual odors (indicating a potential gas leak)

If you smell gas, immediately evacuate the area, do not operate any electrical switches, and contact your gas provider or emergency services from a safe location.

TECHNICAL SUPPORT

For technical assistance or questions regarding the Dexen H3V-K-L1 gas valve, please contact our USA-based technical support team. We are committed to providing support for our products to ensure optimal performance and reliability.

Please have your product model number (H3VK) and any relevant appliance information ready when contacting support.