

KRATKI Leo 100

KRATKI Leo 100 Gas Fireplace Insert User Manual

Model: Leo 100 | Brand: KRATKI

1. SAFETY INFORMATION

Read this manual thoroughly before installation, operation, or maintenance of the KRATKI Leo 100 gas fireplace insert. Failure to follow these instructions could result in property damage, personal injury, or death.

- **Professional Installation:** This appliance must be installed by a qualified and certified gas technician in accordance with all local and national building and gas codes.
- **Fuel Type:** Ensure the fireplace insert is configured for the correct gas type (Natural Gas or LPG) available at your installation site.
- **Ventilation:** Proper ventilation is crucial. The appliance uses a concentric pipe system for exhaust and air intake, which must be correctly installed to the outside.
- **Sealed Combustion Chamber:** The Leo 100 features a hermetically sealed combustion chamber for maximum safety. In case of any issues with flue permeability or gas supply, the fireplace will automatically shut down.
- **CE Certified:** This appliance is CE certified, ensuring compliance with European safety, health, and environmental protection standards.
- **Clearances:** Maintain specified clearances to combustible materials as detailed in the installation instructions provided by the installer.
- **Carbon Monoxide:** Install and regularly check carbon monoxide detectors in your home.
- **Hot Surfaces:** The glass and surrounding surfaces will become hot during operation. Keep children, pets, and combustible materials away from the appliance.

2. PRODUCT OVERVIEW

The KRATKI Leo 100 is an innovative and elegant gas fireplace insert designed to provide a realistic and captivating flame experience. Its design features an invisible facade and minimal visible steel elements, offering an unobstructed view of the fire. The specially designed burner creates a flame pattern similar to a traditional wood-

burning fireplace.



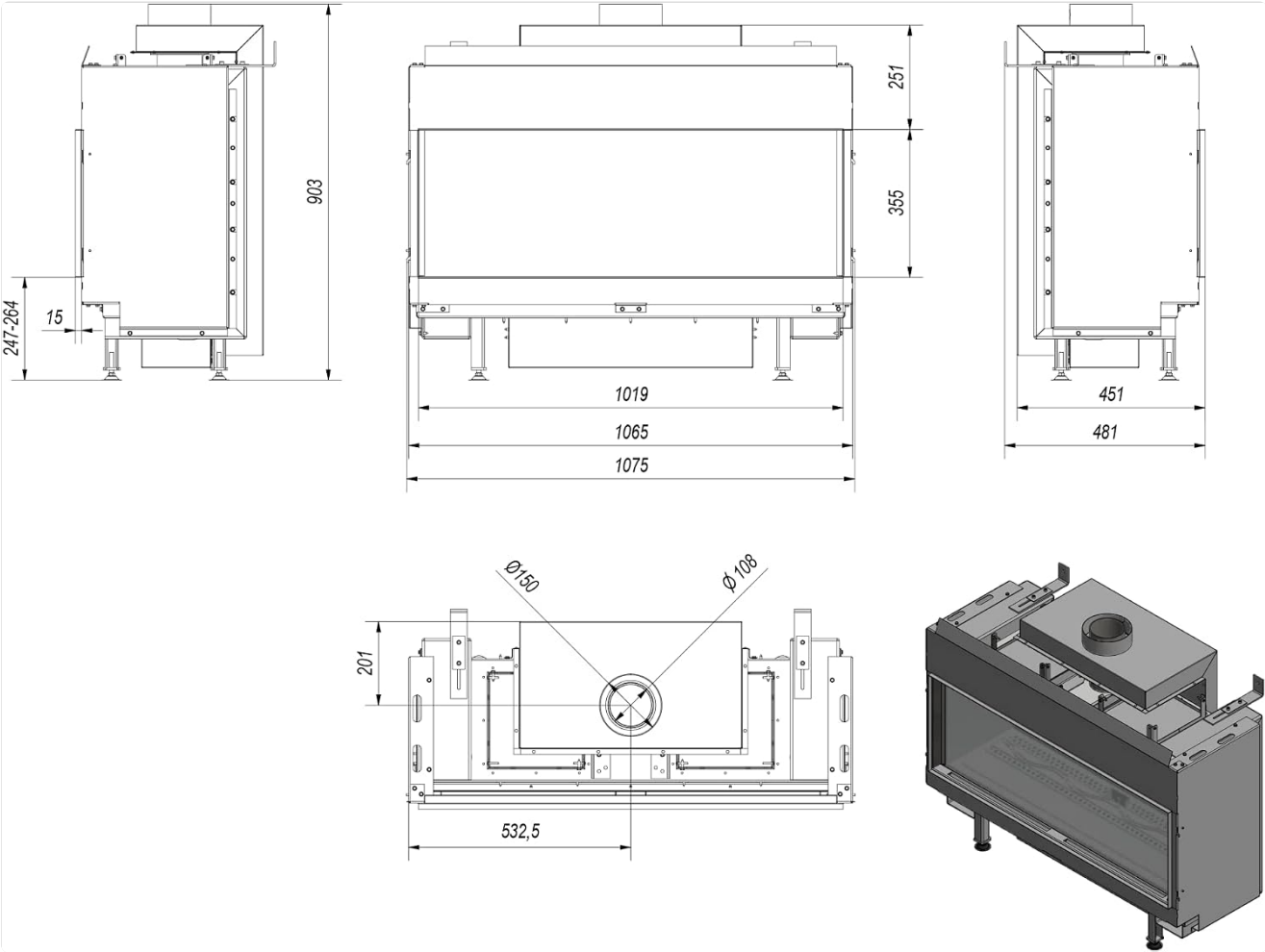
This image displays the KRATKI Leo 100 gas fireplace insert in operation, showcasing its realistic flame effect and ceramic log set. The sleek black frame and clear glass provide an unobstructed view of the fire.

The Leo 100 offers flexibility in fuel choice, supporting both natural gas and LPG. It operates with a nominal heat output of 9 kW and a heating range of 4.7 to 9.0 kW. The unit does not require an external power supply for its core functions, as it is powered by four 1.5V batteries for the control system.

3. SPECIFICATIONS

Specification	Value
Brand	KRATKI
Model	Leo 100
Product Dimensions (L x W x H)	120 x 85 x 110 cm
Item Weight	115 Kilograms
Heat Output	9 kW

Heating Range	4.7 - 9.0 kW
Material	Steel, Glass
Energy Class	A++ to G
Flue Outlet Diameter	100/150 mm
Control System	Automatic Remote Control with Thermostat
Power Supply (Control)	4 x 1.5V Batteries



This diagram provides precise measurements and technical specifications for the KRATKI Leo 100 gas fireplace insert, including overall dimensions, flue outlet diameter (100/150mm), and various installation clearances.

4. INSTALLATION (SETUP)

The KRATKI Leo 100 gas fireplace insert is designed for flexible installation. It does not require a traditional chimney, thanks to its concentric pipe system. This system allows for installation in rooms without a chimney by simply directing the pipe outside through a wall or the building's roof.

Key Installation Considerations:

- **Site Selection:** Choose a location that complies with all local building codes and provides adequate clearances from combustible materials.
- **Gas Connection:** A certified gas technician must connect the appliance to the appropriate gas supply (Natural Gas or LPG). Ensure the gas pressure is correct for the appliance.

- **Flue System:** Install the concentric flue system according to the manufacturer's instructions and local regulations. This system handles both exhaust gases and fresh air intake.
- **Electrical Connection:** The control system requires power from four 1.5V batteries. Ensure these are correctly installed.
- **Framing and Finishing:** Construct the surrounding enclosure (e.g., drywall, masonry) with appropriate heat-resistant materials, maintaining all required clearances.



The KRATKI Leo 100 gas fireplace insert is shown with its decorative ceramic logs neatly arranged on the burner, awaiting ignition.



A view of the KRATKI Leo 100 gas fireplace insert with the burner visible and the area where decorative logs are placed, prior to ignition.

5. OPERATION

The KRATKI Leo 100 offers convenient and comprehensive control through its tactile radio remote control, which includes an integrated thermostat.

Initial Startup:

1. Ensure the gas supply valve to the appliance is open.
2. Verify that the 1.5V batteries in the remote control are correctly installed and have sufficient charge.
3. Press the ON button on the remote control. The automatic ignition system will initiate the flame.
4. Allow a few minutes for the flame to stabilize.

Using the Remote Control:

- **Flame Height Adjustment:** Use the designated buttons on the remote to easily increase or decrease the flame height to your preference.
- **Thermostat Control:** The integrated thermostat allows you to set a desired room temperature. The fireplace will modulate its heat output to maintain this temperature.

- **Programming:** You can program daily temperatures up to seven days in advance, optimizing comfort and energy efficiency. Refer to the remote control's specific manual for detailed programming instructions.
- **Automatic Shutdown:** The system includes safety features that will automatically shut down the fireplace if any anomalies are detected in the flue or gas supply.



This image shows a side perspective of the KRATKI Leo 100 gas fireplace insert, illustrating its depth and overall structure without the flames active.

6. MAINTENANCE

Regular maintenance ensures the safe and efficient operation of your KRATKI Leo 100 gas fireplace insert. Always turn off the appliance and allow it to cool completely before performing any maintenance.

Routine Maintenance:

- **Glass Cleaning:** Clean the glass panel with a non-abrasive glass cleaner specifically designed for fireplace glass. Avoid harsh chemicals that could damage the glass or seals.
- **Exterior Cleaning:** Wipe down the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners.
- **Decorative Logs:** Periodically inspect the ceramic logs for any damage or discoloration. Handle them carefully as they can be fragile.
- **Remote Control Batteries:** Replace the 1.5V batteries in the remote control annually or when the low battery indicator appears.

Annual Professional Service:

It is highly recommended to have your KRATKI Leo 100 gas fireplace insert inspected and serviced annually by a qualified gas technician. This service should include:

- Inspection of all gas connections for leaks.
- Cleaning of the burner and pilot assembly.
- Verification of proper flue operation and integrity.
- Checking of all safety devices and controls.
- Assessment of combustion efficiency.



A top-down perspective of the KRATKI Leo 100 gas fireplace insert, clearly showing the central flue connection point and the upper casing.

7. TROUBLESHOOTING

Before attempting any troubleshooting, ensure the appliance is cool and the gas supply is turned off if you suspect a gas leak or serious malfunction. For persistent issues, contact a qualified service technician.

Common Issues and Solutions:

- **No Ignition:**

- Check if the main gas supply valve is open.
- Ensure the remote control batteries are fresh and correctly installed.
- Verify that the pilot light is not obstructed or dirty (if applicable, refer to installer for pilot light access).
- If the unit has recently been installed or serviced, there might be air in the gas lines. Attempt ignition a few times.

- **Weak or Irregular Flames:**

- Check the gas pressure. This requires a professional.
- Ensure the burner ports are clean and free from debris.
- Verify proper ventilation and flue operation.

- **Remote Control Not Responding:**

- Replace the batteries in the remote control.
- Ensure there are no obstructions between the remote and the fireplace receiver.
- If the issue persists, the remote control or receiver may need to be reset or replaced by a technician.

- **Appliance Shuts Down Unexpectedly:**

- This is often a safety feature activation. Check for blocked flue, insufficient air supply, or gas supply issues.
- Do not attempt to restart immediately. Allow time for the system to reset and investigate the cause. Contact a professional if the issue reoccurs.

Always contact a qualified gas technician for any issues beyond basic troubleshooting.



This image provides an angled view from the rear of the KRATKI Leo 100 gas fireplace insert, detailing potential connection points and the overall rear structure.

8. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your authorized KRATKI dealer. Warranty coverage typically includes manufacturing defects and may vary by region.

Customer Support:

- For technical assistance, service requests, or to order replacement parts, please contact your local authorized KRATKI dealer.
- You may also visit the official KRATKI website for additional product information, FAQs, and contact details.
- Always provide your product model (Leo 100) and serial number when contacting support.

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

Anonymous

Email

you@example.com

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