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- › [Hiland](#) /
- › [Hiland GSF-PR-PC Propane Fire Pit User Manual](#)

Hiland GSF-PR-PC

Hiland GSF-PR-PC Propane Fire Pit User Manual

Model: GSF-PR-PC | Brand: Hiland

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions and safety warnings before assembling, operating, or servicing this fire pit. Failure to follow these instructions may result in property damage, bodily injury, or death.

- For outdoor use only. Do not use indoors or in an enclosed area.
- Keep clear of combustible materials. Maintain a minimum clearance of 36 inches (91 cm) from the top and sides to any combustible surfaces.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Always ensure the fire pit is on a level, non-combustible surface.
- Do not leave the fire pit unattended while in operation.
- Always allow the fire pit to cool completely before moving or covering.
- Children and pets should be kept at a safe distance from the fire pit.
- This appliance is hot when in operation. Do not touch hot surfaces.
- Use only propane gas. Do not use natural gas or any other fuel.
- Ensure the propane tank is properly secured and connected.

WARNING: This product can expose you to chemicals including carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

2. PRODUCT OVERVIEW

The Hiland GSF-PR-PC Propane Fire Pit is designed to provide warmth and ambiance to your outdoor living space. It features a durable hammered bronze finish, a stainless steel lid, and comes with clear fire glass. The unit operates on a standard 20 lb propane tank (not included) and includes safety features such as a thermocouple flame failure device and anti-tilt safety devices.



Figure 2.1: The Hiland GSF-PR-PC Propane Fire Pit with its square design and hammered bronze finish.

Components:

- Fire Pit Table Base
- Burner Assembly
- Stainless Steel Lid
- Clear Fire Glass
- CSA Regulator and Hose
- Ignition System (Integrated Piezo Ignition)
- Control Knob
- Propane Tank Storage Compartment (for 20 lb tank)



Figure 2.2: The fire pit with its stainless steel lid in place, covering the burner area.

3. SETUP AND ASSEMBLY

Assembly of the Hiland GSF-PR-PC fire pit is straightforward and typically takes about 30 minutes. It is recommended to assemble the unit outdoors due to packaging materials.

Required Tools (Not Included):

- Phillips Head Screwdriver (a higher quality #2 Phillips head is recommended over the provided tool for ease of assembly)

Assembly Steps:

1. Unpack all components and verify against the parts list in your packaging. Dispose of packaging materials responsibly.
2. Assemble the fire pit base according to the diagrams in your included manual. Pay attention to the orientation of panels, especially the side with the door hinge and the control knob opening.
3. Before placing the fire box (burner assembly) atop the table, locate the brass nut on the control knob shaft. Remove this nut.
4. Carefully place the fire box into the table top cradle.
5. From the outside, re-attach and tighten the brass nut onto the control knob shaft to secure the switch tightly. This step is crucial for proper igniter function.
6. Secure the fire box to the table top using the provided screws (four top and four side screws).
7. Connect the CSA regulator and hose to the burner assembly.
8. Place the clear fire glass evenly over the burner area, ensuring not to block the igniter pin or thermocouple.

9. Open the access door at the base and place a 20 lb propane tank inside. Secure the tank using the provided strap.
10. Connect the propane tank to the regulator and hose assembly. Ensure all connections are tight.



Figure 3.1: The internal compartment designed to house a 20 lb propane tank, accessible via a side door.



Figure 3.2: Close-up view of the burner assembly before fire glass is added, showing the igniter and thermocouple.

4. OPERATING INSTRUCTIONS

Always perform a leak test before initial use and after any propane tank replacement.

Leak Test Procedure:

1. Ensure the control knob on the fire pit is in the "OFF" position.
2. Apply a soapy water solution to all gas connections (regulator to tank, hose to burner).
3. Slowly open the propane tank valve.
4. If bubbles appear, there is a leak. Close the tank valve immediately and tighten connections. Repeat the test. If leaks persist, do not use the fire pit and contact customer support.

Lighting the Fire Pit:

1. Ensure the propane tank valve is fully open.
2. Push in the control knob and slowly turn it to the "LOW" position.
3. While holding the knob in, press the igniter button repeatedly until the burner ignites.
4. Once ignited, continue to hold the control knob in for approximately 15-20 seconds to allow the thermocouple to heat up and engage the safety valve. Release the knob; the flame should remain lit.
5. If the flame goes out, repeat the lighting procedure. If it fails to light after several attempts, refer to the Troubleshooting section.
6. Adjust the flame height by rotating the control knob between "LOW" and "HIGH" settings.



Figure 4.1: The control knob and igniter button located on the side of the fire pit for easy operation.

Turning Off the Fire Pit:

1. Turn the control knob to the "OFF" position.
2. Close the valve on the propane tank.
3. Allow the fire pit to cool completely before covering or storing.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your fire pit.

- **Cleaning:**

- Wipe exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners.
- Periodically clean the fire glass. Soot may accumulate and discolor the glass. Remove the glass and wash with mild soap and water, then rinse and dry thoroughly before replacing.
- Ensure the exhaust vent and burner holes are clear of debris. Use a sharp, pointy object to clear any blockages if necessary, but only when the unit is off and cool.

- **Storage:**

- When not in use, especially during inclement weather or off-season, cover the fire pit with a weather-resistant cover.
- Disconnect the propane tank and store it in a well-ventilated area, away from direct sunlight and heat sources. Do not store the propane tank indoors.

- **Inspections:**

- Regularly inspect the hose and connections for any signs of wear, cuts, or leaks. Replace if damaged.
- Check the igniter pin and thermocouple for corrosion or damage.

6. TROUBLESHOOTING

If you encounter issues with your Hiland GSF-PR-PC fire pit, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
Burner does not light with igniter.	No gas flow. Igniter not sparking. Air in gas line. Control knob not held in long enough. Brass nut on control knob shaft is loose.	Ensure propane tank valve is fully open. Check igniter wire connection. Ensure igniter pin is clean and properly positioned near the burner. Disconnect gas line from tank, briefly tap it to release air, then reconnect and try again. Hold the control knob in for the full 15-20 seconds after ignition. Tighten the brass nut on the control knob shaft (refer to Assembly Steps).
Flame goes out after releasing control knob.	Thermocouple not heating sufficiently. Loose brass nut on control knob shaft.	Ensure the thermocouple tip is directly in the flame path. Clean if necessary. Hold the knob in for the full 15-20 seconds. Tighten the brass nut on the control knob shaft (refer to Assembly Steps).
Low flame or inconsistent flame.	Low propane level. Obstructed burner ports. Excess flow safety device activated.	Check propane tank level. Clean burner ports of any debris or fire glass. Turn off the fire pit and propane tank. Wait 5 minutes, then slowly open the tank valve and relight.

If these steps do not resolve the issue, please contact Hiland customer support.

7. SPECIFICATIONS

- **Model Number:** GSF-PR-PC

- **Product Dimensions:** 30 x 30 x 24 inches
- **Item Weight:** 45 pounds
- **Heat Output:** 40,000 BTUs
- **Fuel Type:** Propane Gas (20 lb tank, not included)
- **Ignition Type:** External Integrated Piezo Ignition
- **Safety Devices:** Thermocouple and Anti-Tilt
- **Manufacturer:** HILAND
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Hiland customer service. Refer to the original product packaging or the official Hiland website for the most current contact details.

An official User Manual (PDF) is also available for download: [Download User Manual \(PDF\)](#)

You can also visit the Hiland Store on Amazon for more products and information: [Visit Hiland Store](#)

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Related Documents - GSF-PR-PC

	<p>Hiland Outdoor Gas Firepit Owner's Manual - GSF-DGH, GSF-DGHSS</p> <p>Comprehensive owner's manual for the Hiland GSF-DGH and GSF-DGHSS outdoor gas firepit, covering safety information, assembly instructions, operation, maintenance, and troubleshooting.</p>
	<p>Hiland Outdoor Gas Firepit Owners Manual: Assembly, Operation, and Safety</p> <p>Comprehensive owners manual for the Hiland Outdoor Gas Firepit (Model GS-F-PC, GS-F-PCSS). Includes assembly instructions, operating procedures, safety warnings, maintenance tips, troubleshooting guide, and warranty information.</p>
	<p>Hiland FS-2017-FPT Outdoor Fire Pit Table Owner's Manual</p> <p>Comprehensive owner's manual for the Hiland FS-2017-FPT Outdoor Fire Pit Table, covering assembly, safe operation, maintenance, and troubleshooting. Includes important safety warnings and warranty information from AZ Patio Heater, LLC.</p>



[Hiland Outdoor Commercial Patio Heater: Owner's Manual - Assembly, Operation, Safety, and Warranty](#)

This comprehensive owner's manual provides detailed instructions for the Hiland Outdoor Commercial Patio Heater (models BURN-2400-BRZ, BURN-2400-BLK, BURN-2650-SS). It covers essential safety information, package contents, hardware details, step-by-step assembly, operation procedures, care and maintenance guidelines, troubleshooting tips, and warranty information. Ensure safe and efficient use of your patio heater by following this guide.



[Hiland HSS-A Patio Heater Owner's Manual - Assembly, Operation, and Safety Guide](#)

Comprehensive owner's manual for the Hiland HSS-A Patio Heater. Includes detailed assembly instructions, operation guidelines, safety precautions, troubleshooting tips, maintenance procedures, and warranty information.



[Hiland Commercial Flame Patio Heater Owner's Manual & Assembly Guide](#)

Comprehensive owner's manual for the Hiland Commercial Flame Patio Heater (Models HLDS01-CGTHG, HLDS01-CGTSS, HLDS01-CGTCB, AZPH-GS). Includes assembly instructions, safety information, operation guidelines, maintenance, troubleshooting, and warranty details.