

Fire Sense 63180

Fire Sense Rectangular Convertible Gas Fire Pit Burner User Manual

Model: 63180

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Fire Sense Rectangular Convertible Gas Fire Pit Burner. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Fire Sense Rectangular Convertible Gas Fire Pit Burner is designed for use with both Liquefied Petroleum Gas (LPG) and Natural Gas, offering versatility for various outdoor fire pit setups. It features a durable stainless steel construction and an electronic ignition system for convenient use.

SAFETY INFORMATION

WARNING:

- For outdoor use only.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage.
- Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.
- Keep children and pets away from the burner when in operation.
- Ensure proper ventilation.
- Always turn off the gas supply when the burner is not in use.

PARTS LIST

Verify that all components are present before beginning assembly.

- Rectangular Gas Burner Assembly (Stainless Steel)
- Electronic Ignition System
- Natural Gas (NG) Orifice (for conversion)
- Flame Adjustment Control Valve

- Mounting Hardware (if applicable, typically integrated)

RECTANGULAR CONVERTIBLE FIRE PIT BURNER



- ✓ Converts easily for use with natural gas using included components
- ✓ Compatible with most rectangular Fire Sense fire pits
- ✓ Undergoes extensive testing to ensure that only the best quality product is delivered

INCLUSIONS

- ✓ Electronic ignition system
- ✓ NG gas orifice included
- ✓ Flame adjustment control valve



Fill with Fire Sense tempered fire glass (NOT included)

Image: The rectangular gas fire pit burner assembly, highlighting the electronic ignition system, NG gas orifice, and flame adjustment control valve as included components.

SETUP AND INSTALLATION

This burner is designed for easy installation and is compatible with most rectangular Fire Sense fire pits. For specific compatibility questions, please contact customer service.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Placement:** Ensure the fire pit enclosure is on a stable, level surface, away from combustible materials.
3. **Burner Placement:** Position the rectangular burner assembly into the designated opening of your fire pit table. Ensure it sits securely.
4. **Gas Connection (LPG):**
 - Ensure the main gas supply valve is off.
 - Connect the LPG hose from your propane tank to the burner's gas inlet. Tighten all connections securely.
 - Check for leaks using a soapy water solution. Bubbles indicate a leak. Do not operate if a leak is detected.
5. **Gas Connection (Natural Gas Conversion):**
 - This unit ships LPG-ready. To convert to Natural Gas, a qualified gas technician must install the included Natural Gas (NG) orifice.
 - Ensure the main gas supply valve is off.
 - Connect the natural gas line to the burner's gas inlet. Tighten all connections securely.
 - Check for leaks using a soapy water solution. Bubbles indicate a leak. Do not operate if a leak is detected.
6. **Ignition System:** Install the required battery (not included) into the electronic ignition module.
7. **Media Placement:** If using fire glass or lava rocks (not included), distribute them evenly over the burner pan, ensuring not to block the ignition pin or thermocouple.



Image: The Fire Sense rectangular gas burner, ready for installation into a compatible fire pit.

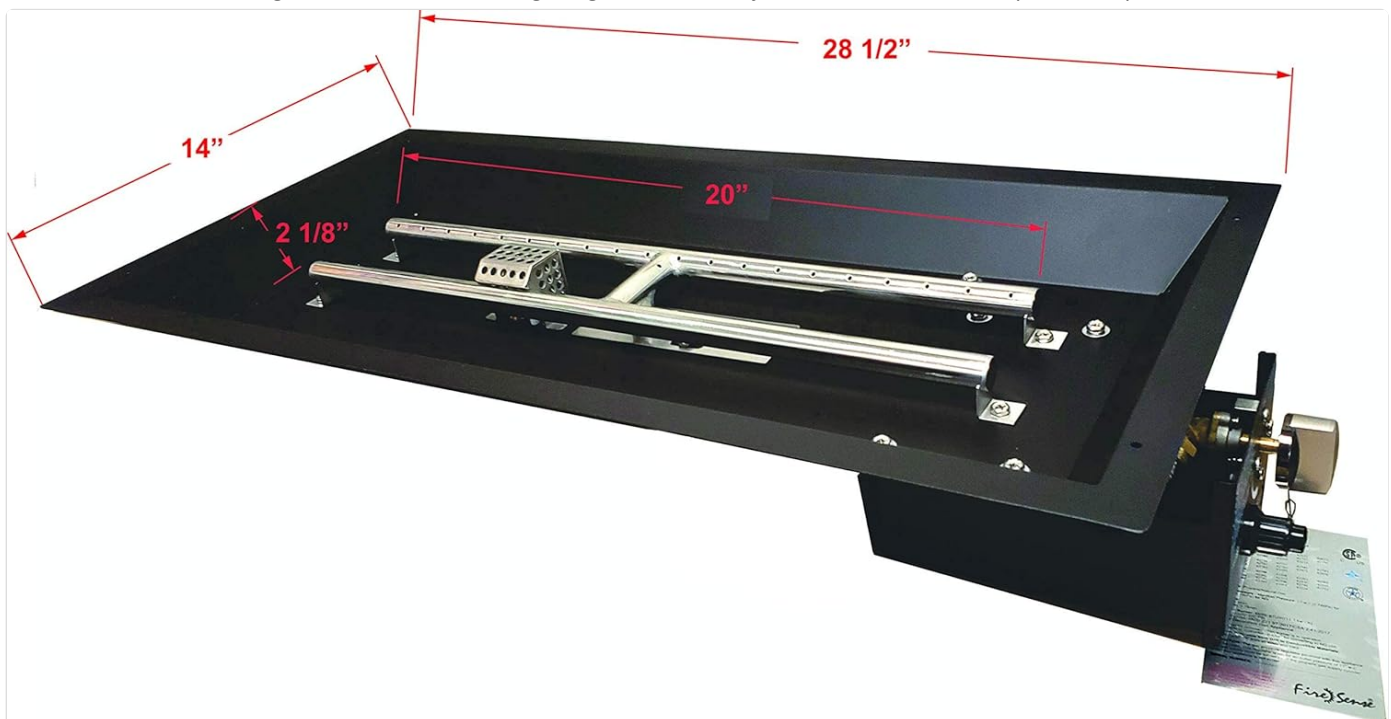


Image: The Fire Sense rectangular gas burner with key dimensions (28.5" x 14" x 2.25") highlighted, useful for ensuring compatibility with your fire pit opening.

OPERATING INSTRUCTIONS

1. **Before Lighting:** Ensure the area around the fire pit is clear of debris and flammable materials.
2. **Open Gas Supply:** Slowly open the main gas supply valve on your propane tank or natural gas line.
3. **Ignition:**
 - Turn the flame adjustment control knob on the burner to the "LOW" position.
 - Press and hold the electronic ignition button. You should hear a clicking sound and see a spark at the ignition pin.
 - Once the flame ignites, continue to hold the knob for 5-10 seconds to allow the thermocouple to heat up and engage the safety valve.
 - Release the knob. If the flame extinguishes, repeat the ignition process.

4. **Adjusting Flame:** Rotate the flame adjustment control knob to increase or decrease the flame height as desired.
5. **To Turn Off:** Turn the flame adjustment control knob to the "OFF" position. Then, close the main gas supply valve on your propane tank or natural gas line.

Your browser does not support the video tag.

Video: An official Fire Sense video demonstrating various products, including fire pits and heaters. This video provides a general overview of Fire Sense outdoor heating solutions and may offer visual guidance on product use and features.

MAINTENANCE

- **Cleaning:** Allow the burner to cool completely before cleaning. Use a soft cloth and mild detergent to clean the stainless steel surfaces. Do not use abrasive cleaners.
- **Burner Ports:** Periodically check burner ports for blockages (e.g., spider webs, debris). Use a soft brush or compressed air to clear them.
- **Ignition System:** Ensure the ignition pin and thermocouple are clean and free of obstructions.
- **Storage:** When not in use for extended periods, disconnect the gas supply and cover the fire pit to protect the burner from elements.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Burner does not ignite.	No gas supply, faulty ignition battery, blocked ignition pin, gas line air.	Check gas tank/line, replace battery, clear ignition pin, purge air from line by attempting ignition multiple times.
Flame is low or inconsistent.	Low gas pressure, blocked burner ports, incorrect gas type.	Ensure gas tank is full/line pressure is adequate, clean burner ports, verify correct gas type (LPG/NG) and orifice.
Flame goes out after ignition.	Thermocouple not heating sufficiently, wind.	Hold ignition knob longer, shield from wind.
Smell of gas.	Gas leak.	Immediately turn off gas supply. Do not operate. Check all connections for leaks with soapy water. If leak persists, contact a qualified technician.

SPECIFICATIONS

Model Number: 63180

Product Dimensions: 28.5 x 14 x 2.25 inches

Item Weight: 2 pounds

Material: Stainless Steel

Fuel Type: Liquefied Petroleum Gas (LPG) / Natural Gas (NG) convertible

BTU Output: 55,000 BTUs

Ignition Type: Battery-operated Electronic Ignition

UPC: 690730631805

Manufacturer: Well Traveled Living

WARRANTY AND SUPPORT





This Fire Sense product comes with a**One-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use and service.



For warranty claims, technical support, or assistance with selecting the correct burner for your Fire Sense fire pit, please contact Fire Sense Customer Service. Please have your model number (63180) and proof of purchase available when contacting support.

For additional information and resources, you may visit the official Fire Sense store:[Fire Sense Store](#)

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Related Documents - 63180

	<p>Fire Sense Sedona Square Aluminum LPG Fire Pit - Model 62527 - User Manual & Operation Guide</p> <p>Comprehensive user manual and operating instructions for the Fire Sense Sedona Square Aluminum LPG Fire Pit (Model 62527). Covers assembly, safety, operation, maintenance, conversion to natural gas, and warranty information.</p>
	<p>Fire Sense Wagner Fire Pit Table Assembly Instructions and User Manual</p> <p>Comprehensive assembly guide and user manual for the Fire Sense Wagner Woven Aluminum Convertible Gas Fire Pit Table (37,000 BTU). Includes parts list, step-by-step instructions, safety precautions, and maintenance tips.</p>
	<p>Weyland Square Aluminum LPG Fire Pit - Model 62751 - User Manual</p> <p>Comprehensive user manual for the Fire Sense Weyland Square Aluminum LPG Fire Pit (Model 62751), covering assembly, operation, safety, maintenance, and troubleshooting. Includes detailed instructions and warnings.</p>
	<p>Fire Sense 63695 Nelson Oval Aluminum LPG Fire Pit User Manual & Guide</p> <p>Comprehensive user manual for the Fire Sense 63695 Nelson Oval Aluminum LPG Fire Pit. Includes assembly instructions, operating guide, safety precautions, conversion to natural gas, maintenance, troubleshooting, and warranty details.</p>

	<p>Fire Sense Hedges Round Aluminum LPG Fire Pit - User Manual & Assembly Guide</p> <p>Comprehensive user manual and assembly guide for the Fire Sense Hedges Round Aluminum LPG Fire Pit (Model 63692). Includes safety information, installation instructions, operating procedures, maintenance, troubleshooting, and warranty details.</p>
	<p>Fire Sense Danang Square Aluminum LPG Fire Pit Table - User Manual and Assembly Guide</p> <p>Comprehensive guide for the Fire Sense Danang Square Aluminum LPG Fire Pit Table (Model 62446). Includes assembly instructions, operating procedures, safety warnings, maintenance tips, troubleshooting, and warranty information.</p>