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Skyflame SK-FB0037-SS-18

Skyflame 18" x 6" Rectangular Gas Fire Pit H-Burner Instruction Manual

Model: SK-FB0037-SS-18
Brand: Skyflame

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Skyflame 18" x 6" Rectangular Gas Fire Pit H-Burner. This H-burner is constructed from durable 304 stainless steel, designed for both indoor and outdoor fireplace and fire pit projects, offering a 90,000 BTU rating for powerful heat output. Please read all instructions carefully before use.

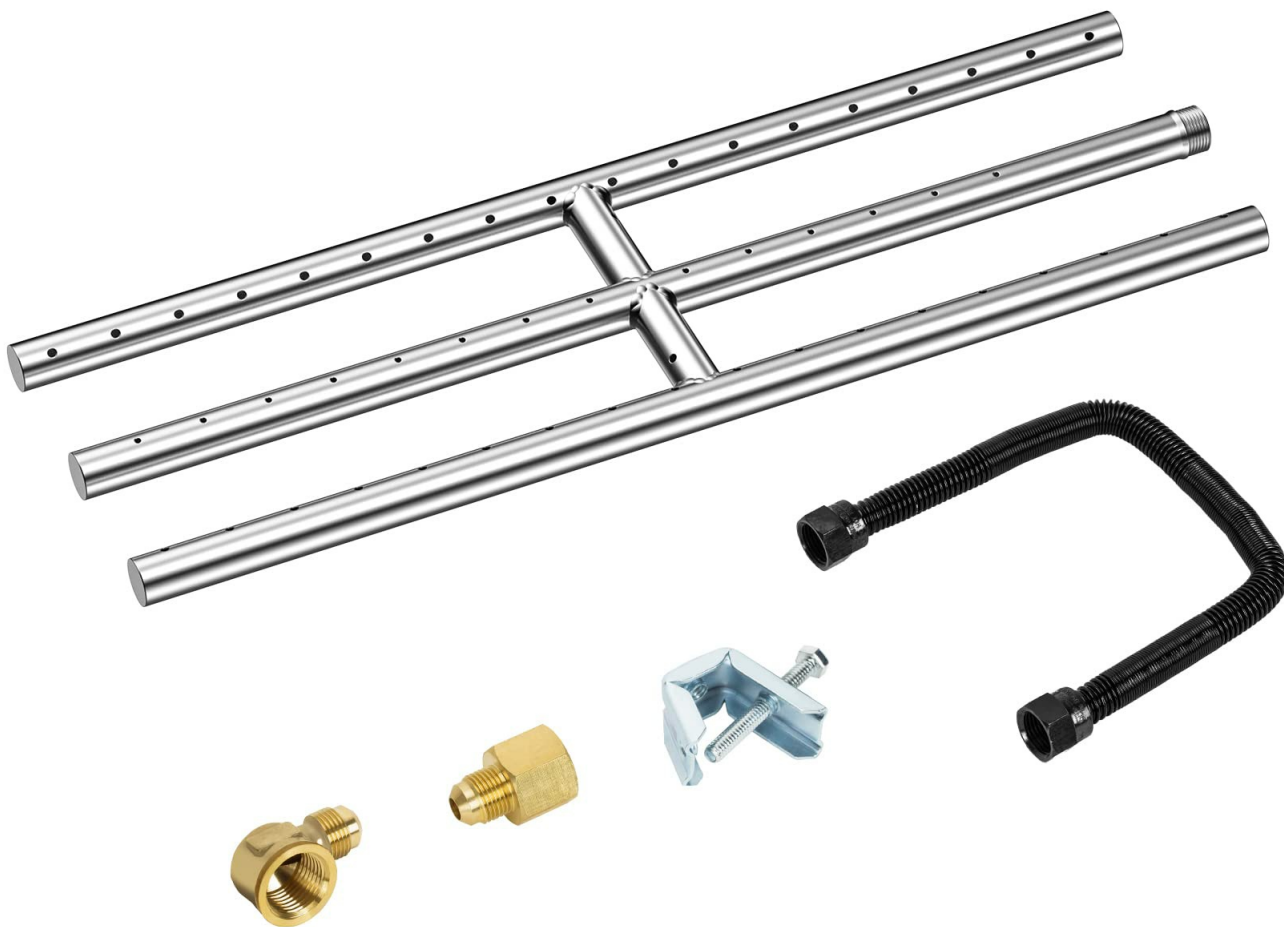


Image: The Skyflame 18" x 6" Rectangular Gas Fire Pit H-Burner, showcasing its stainless steel construction.

2. SAFETY INFORMATION

WARNING: Failure to follow these instructions could result in fire, explosion, property damage, personal injury, or death.

- Installation and service must be performed by a qualified installer, service agency, or gas supplier.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- If you smell gas:
 - a. Shut off gas to the appliance.
 - b. Extinguish any open flame.
 - c. Open lid/door if applicable.
 - d. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.
- Proper ventilation is required. Ensure adequate air supply for combustion and ventilation.
- Keep combustible materials, gasoline, and other flammable liquids and vapors away from the appliance.
- Never leave the appliance unattended while in operation.

- Children and pets should be kept at a safe distance from the appliance.
- Always ensure the gas supply is turned off when the appliance is not in use.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 18" x 6" Rectangular H-Burner (304 Stainless Steel)
- No-whistle connection kit
- Brass fittings
- Damper C-clamp



Image: Overview of the H-burner with its 18-inch length and 6-inch width, along with the included connection kit, brass fittings, and damper C-clamp.

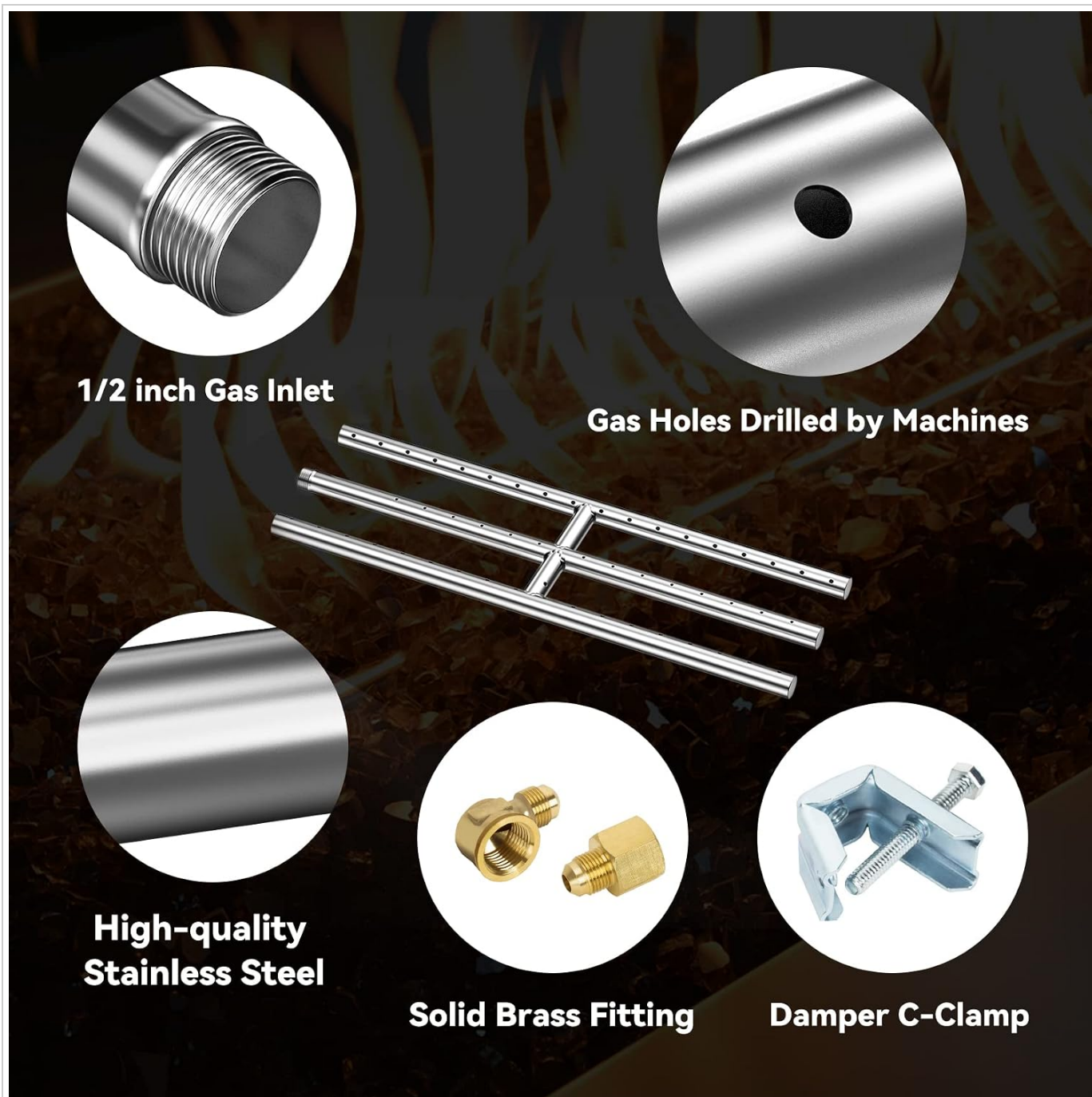


Image: Detailed view showing the 1/2 inch gas inlet, machine-drilled gas holes for quiet operation, high-quality stainless steel, solid brass fittings, and the damper C-clamp.

4. SETUP AND INSTALLATION

Professional installation is recommended for all gas appliances. Ensure all local codes and regulations are followed.

4.1 Gas Connection

1. Ensure the main gas supply is turned off before starting any connections.
2. Connect the provided no-whistle connection kit to the 1/2-inch male inlet of the H-burner. Use appropriate thread sealant (e.g., SWAK compound) on NPT threads.
3. Connect the other end of the flexible gas line to your gas supply line using the brass fittings. Ensure all connections are tight but do not overtighten.
4. Perform a leak check on all connections using a soap and water solution. Bubbles indicate a leak. If a leak is detected, turn off the gas supply, tighten the connection, and re-test. Do not use an open flame to check for leaks.

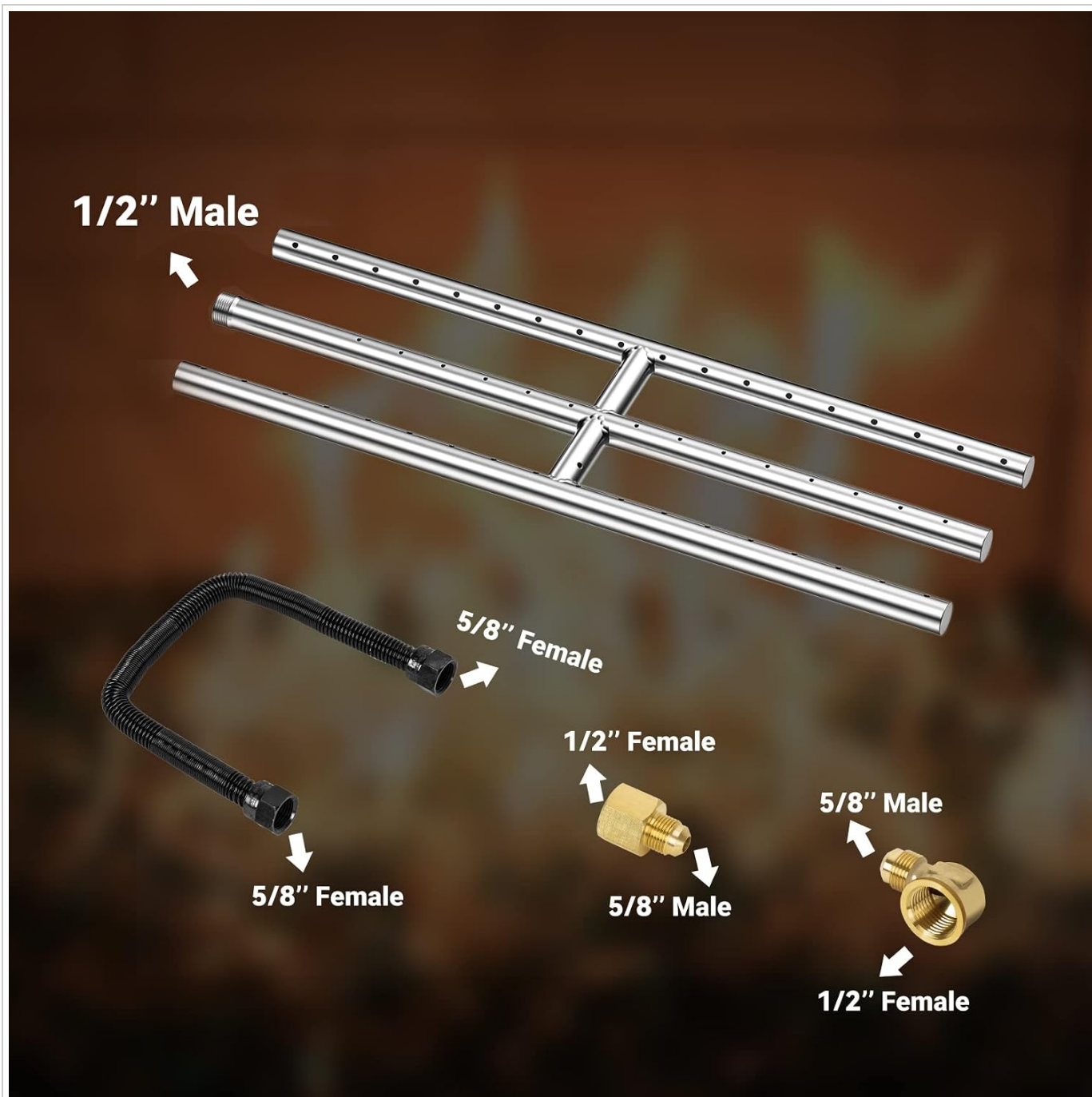


Image: Diagram illustrating the 1/2-inch male burner connection, 5/8-inch female flexible gas line, and various brass fittings (1/2-inch female to 5/8-inch male, 5/8-inch female to 1/2-inch female).

4.2 Burner Placement and Media

1. Place the H-burner in your fire pit or fireplace enclosure. Ensure it is level and centered.
2. The burner is compatible with fire glass or lava rock. Distribute your chosen media evenly over the burner, ensuring that the gas holes are not completely blocked to allow for proper flame distribution. A thin layer of media is usually sufficient to cover the burner while allowing gas to escape.
3. For optimal flame appearance and heat distribution, avoid excessive piling of media directly over the burner holes.



Image: Examples of the H-burner installed in both an outdoor fire pit and an indoor fireplace, demonstrating its versatility.

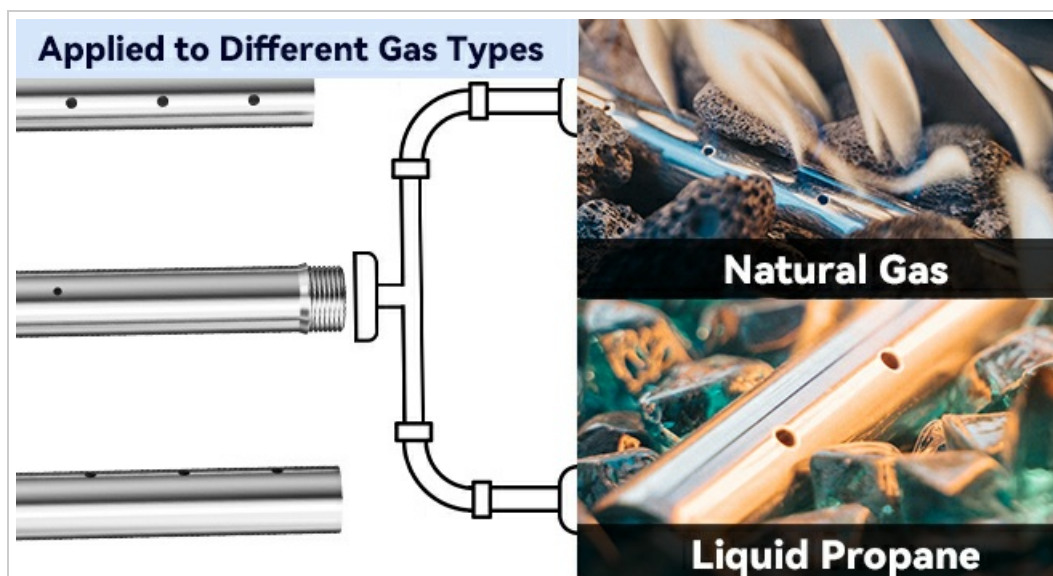


Image: A fireplace setup utilizing fire glass as the decorative media with the H-burner.



Image: An outdoor fire pit featuring lava rock as the decorative media with the H-burner.

5. OPERATING INSTRUCTIONS

5.1 Lighting the Burner

1. Ensure all gas connections are secure and a leak check has been performed.
2. Slowly turn on the main gas supply to the appliance.
3. Using a long lighter or match, ignite the gas at the burner ports.
4. Adjust the flame height using the gas control valve to your desired level.

5.2 Shutting Down the Burner

1. Slowly turn off the gas supply at the control valve.
2. Ensure all flames are extinguished.
3. Turn off the main gas supply to the appliance when not in use for extended periods.



Image: The H-burner in operation, displaying a strong flame and indicating its 90,000 BTU rating.

Your browser does not support the video tag.

Video: An official Skyflame video demonstrating the rectangular gas fire pit and fireplace H-burner in action, showcasing its flame output and design.

6. MAINTENANCE

Regular maintenance ensures safe and efficient operation of your H-burner.

- **Cleaning:** Periodically clean the burner and surrounding area to remove any debris, dust, or media fragments that may obstruct gas flow. Use a soft brush or cloth. Ensure the burner is cool before cleaning.
- **Inspection:** Annually inspect the burner and gas connections for any signs of wear, corrosion, or damage. Check for blockages in the gas holes. If any damage is found, do not operate the burner and contact a qualified service technician.
- **Storage:** If the fire pit or fireplace is not in use for an extended period, consider covering the burner to protect it from elements and debris.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No flame or weak flame	Gas supply off, low gas pressure, blocked burner ports	Check gas supply valve, ensure adequate gas pressure, clean burner ports.
Whistling sound	Gas flow turbulence, incorrect gas line size, excessive gas pressure	Ensure gas line is properly sized (e.g., 1/2" or larger for high BTU), check for kinks in the line, consult a professional to verify gas pressure.
Uneven flame distribution	Blocked burner ports, uneven media distribution	Clean burner ports, redistribute fire glass or lava rock evenly.
Gas odor	Gas leak	Immediately turn off gas supply, ventilate area, perform leak check with soap solution. If odor persists, evacuate and call gas supplier/fire department.

8. SPECIFICATIONS

- **Model Number:** SK-FB0037-SS-18
- **Material:** 304 Stainless Steel
- **Product Dimensions:** 18"D x 6"W x 1"H
- **Heat Output:** 90,000 BTU
- **Fuel Type:** Natural Gas
- **Shape:** Rectangular
- **Item Weight:** 0.86 kg
- **Compatibility:** Fire glass or lava rock

9. WARRANTY AND SUPPORT

Skyflame products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included with your product or visit the official Skyflame website. Keep your purchase receipt for warranty purposes.

For further assistance, you may contact Skyflame customer service through their official channels.

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