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Mr. Heater F271239

Mr. Heater F271239 One-Stop Universal Gas-Appliance Hook-Up Kit

User Manual

INTRODUCTION

The Mr. Heater F271239 One-Stop Universal Gas-Appliance Hook-Up Kit provides essential components for connecting various gas appliances. This kit is designed for use with both propane and natural gas systems, making it suitable for gas logs, garage heaters, gas stoves, and wall-mounted heaters. It includes a flexible gas line, a shut-off valve, multiple couplings, and gas seal tape, offering a comprehensive solution for safe and reliable gas appliance installation.

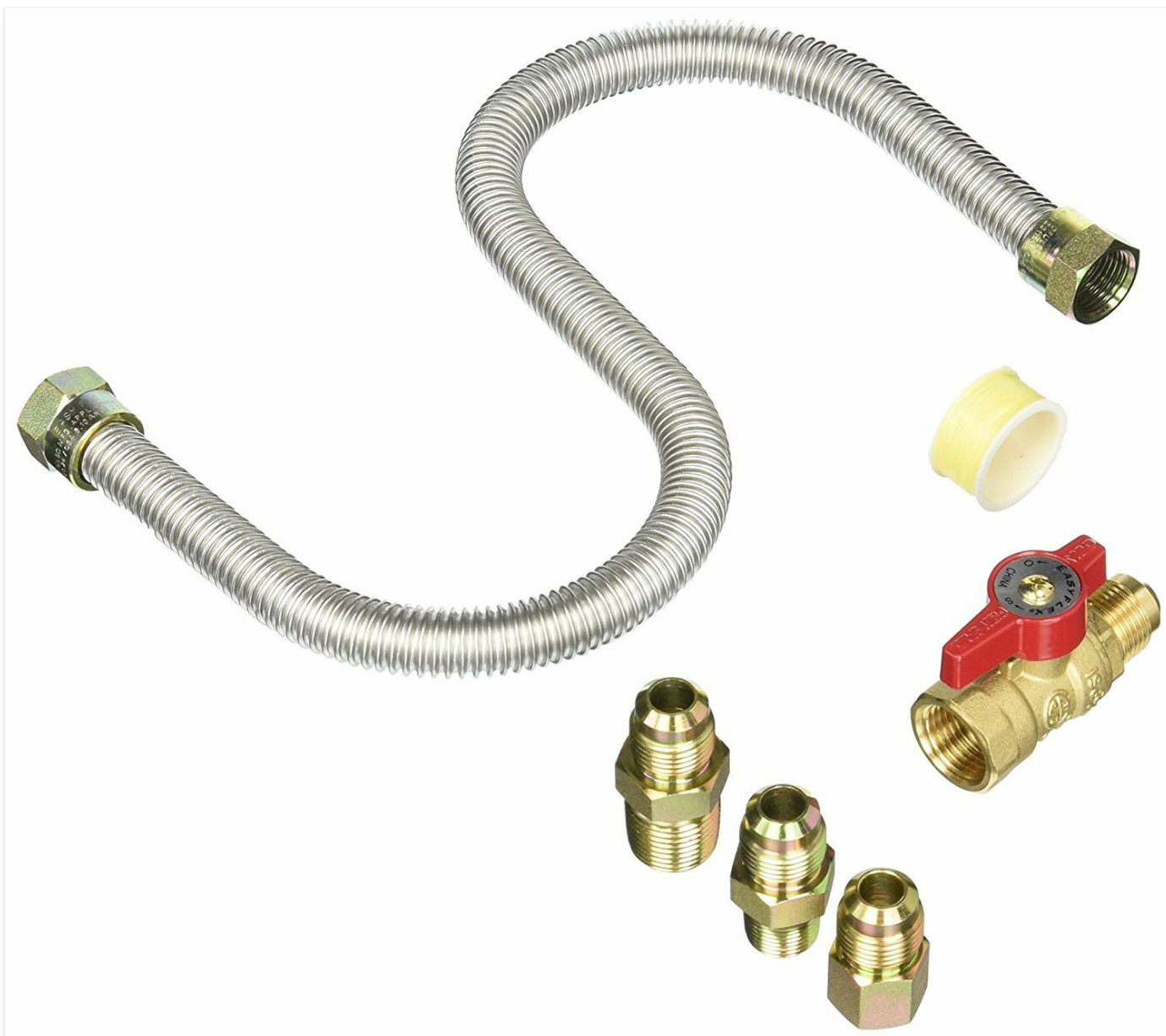


Image: The complete Mr. Heater F271239 kit, showing the flexible stainless steel gas connector, brass shut-off valve with red handle, three brass adapter fittings, and a roll of yellow gas seal tape.

SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always ensure gas supply is turned off before beginning any installation or maintenance.
- All gas connections must be sealed properly using the provided gas seal tape or an approved pipe thread sealant.
- After installation, always perform a leak test using a soap and water solution on all connections. Never use an open flame to check for gas leaks.
- Installation must comply with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54.
- It is highly recommended that installation be performed by a qualified professional.

INCLUDED COMPONENTS

This 5-piece universal gas-appliance hook-up kit includes the following components:

- One (1) 22-inch Stainless Steel Flexible Gas Connector with 1/2" Female Flare at both ends.
- One (1) Brass Shut-off Valve with 1/2" Female NPT x 1/2" Male Flare connections.
- One (1) 1/2" Male Flare x 1/2" Male NPT Coupling.
- One (1) 1/2" Male Flare x 3/8" Female NPT Coupling.
- One (1) 1/2" Male Flare x 3/8" Male NPT Coupling.
- One (1) Roll of Special Gas Seal Tape for Connections.

SETUP AND INSTALLATION

Follow these general steps for installing the gas appliance hook-up kit. Always refer to your appliance's specific installation manual and local building codes.

1. **Preparation:** Ensure the main gas supply to the area is turned off at the meter or main shut-off valve. Verify there is no gas pressure in the lines.
2. **Identify Connections:** Determine the required connection sizes for your appliance and the gas supply line. Select the appropriate brass couplings from the kit.
3. **Apply Sealant:** Apply the provided gas seal tape (yellow tape) or an approved pipe thread sealant to the male pipe threads of all connections. Wrap the tape clockwise around the threads, ensuring full coverage. *Note: Do not apply tape or sealant to flare fittings, as they create a metal-to-metal seal.*
4. **Install Shut-off Valve:** Connect the brass shut-off valve to the gas supply line. Ensure the valve handle is in the "OFF" position (perpendicular to the gas flow). This valve allows for easy servicing or seasonal shutdown of the appliance.
5. **Connect Flexible Line:** Attach one end of the 22-inch flexible stainless steel gas connector to the shut-off valve. Connect the other end to the gas inlet of your appliance, using the appropriate brass coupling if necessary. Hand-tighten connections, then use a wrench for a final snug turn. Avoid over-tightening, especially with brass fittings.
6. **Secure Connections:** Ensure all connections are tight and secure. The flexible line should not be kinked or strained.
7. **Leak Test:** Once all connections are made, slowly turn on the main gas supply. Apply a soap and water solution (or a commercial leak detection fluid) to all new connections. Bubbles indicate a gas leak. If a leak is detected, immediately turn off the gas supply, tighten the connection, and re-test. Repeat until no bubbles appear.
8. **Final Check:** After confirming no leaks, the appliance is ready for operation according to its specific instructions.

OPERATING THE SHUT-OFF VALVE

The included brass shut-off valve allows for manual control of the gas flow to your appliance.

- **To Turn Gas ON:** Rotate the red handle so it is *parallel* with the direction of the gas flow.
- **To Turn Gas OFF:** Rotate the red handle so it is *perpendicular* to the direction of the gas flow.

Always ensure the valve is fully open or fully closed. Do not leave it in a partially open position.

MAINTENANCE

The Mr. Heater F271239 kit components are designed for durability and require minimal maintenance. However, periodic checks are recommended:

- **Visual Inspection:** Annually inspect the flexible gas connector and all fittings for any signs of damage, corrosion, or

wear.

- **Leak Check:** Periodically re-check all gas connections for leaks using the soap and water solution method, especially if the appliance has been moved or serviced.
- **Valve Operation:** Ensure the shut-off valve operates smoothly and fully opens and closes.

If any damage or persistent leaks are found, immediately turn off the gas supply and replace the affected components. Do not attempt to repair damaged gas lines or fittings.

TROUBLESHOOTING

This section addresses common issues related to the installation and function of the gas hook-up kit.

Problem	Possible Cause	Solution
Gas Leak Detected (Bubbles during soap test)	Loose connection; insufficient or improperly applied gas seal tape; damaged fitting.	Immediately turn off gas supply. Tighten the connection. If using tape, re-apply correctly. If fitting is damaged, replace it. Re-test for leaks. If problem persists, consult a qualified professional.
No Gas Flow to Appliance	Shut-off valve is closed; main gas supply is off; kinked flexible line.	Ensure the shut-off valve handle is parallel to the gas flow. Verify the main gas supply is on. Check the flexible line for kinks and straighten if found.
Difficulty Connecting Fittings	Incorrect fitting size; cross-threaded connection; debris in threads.	Verify you are using the correct coupling for the connection. Ensure threads are aligned before tightening. Clean threads if debris is present. Do not force connections.

For issues not listed or if troubleshooting steps do not resolve the problem, contact a qualified gas technician.

SPECIFICATIONS

Feature	Detail
Model Number	F271239
Brand	Mr. Heater
Product Type	Universal Gas-Appliance Hook-Up Kit
Number of Pieces	5 (Flexible line, shut-off valve, 3 couplings, plus gas seal tape)
Flexible Connector Length	22 inches
Flexible Connector Material	Stainless Steel
Fitting Material	Solid Brass
Compatible Fuel Types	Propane, Natural Gas
Approximate Item Weight	1.2 Pounds
Manufacturer	Enerco Group Inc.

Feature	Detail
UPC	089301712393

WARRANTY INFORMATION

This Mr. Heater F271239 One-Stop Universal Gas-Appliance Hook-Up Kit comes with a one-year limited warranty for parts. This warranty covers defects in materials and workmanship under normal use and service. For warranty claims or detailed terms and conditions, please refer to the official Mr. Heater warranty documentation or contact customer support.

SUPPORT

For technical assistance, questions regarding installation, or to report issues with your Mr. Heater F271239 kit, please contact Mr. Heater customer support. Have your model number (F271239) and purchase information ready when contacting support.

Contact information for Mr. Heater can typically be found on their official website or on the product packaging.

