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> [GASPRO 3/8 Inch Natural Gas Quick Connect Fittings Instruction Manual](#)

GASPRO QH1-3

GASPRO 3/8 Inch Natural Gas Quick Connect Fittings Instruction Manual

Model: QH1-3

1. INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your GASPRO 3/8 Inch Natural Gas Quick Connect Fittings. These fittings are designed to provide a convenient and secure connection for natural gas or propane systems, ensuring efficient and safe operation of your gas appliances. Please read this manual thoroughly before installation and use.

Key Features:

- **3/8" Quick Connect Kit:** Includes 3/8" female pipe thread x 3/8" quick connect, 3/8" quick disconnect plug x 3/8" female pipe thread, and two 3/8" male pipe threads for versatile use with natural gas or propane systems.
- **Quick Connector:** Facilitates convenient connection and disconnection, automatically shutting off gas flow when the hose is disconnected for enhanced safety.
- **NPT Thread:** Features 3/8" NPT threads. Ensure compatibility with your existing system; these are NOT 3/8" flare threads.
- **Versatile Application:** Can be configured in various ways to suit diverse needs, ideal for heating, cooking, and camping applications.
- **High Quality Construction:** Made from 100% heavy-duty solid brass, ensuring strength and corrosion resistance for long-lasting performance.

2. COMPONENTS INCLUDED

Your GASPRO 3/8 Inch Natural Gas Quick Connect Fittings kit includes the following components:

- 1x 3/8" Female Pipe Thread x 3/8" Quick Connect
- 1x 3/8" Quick Disconnect Plug x 3/8" Female Pipe Thread
- 2x 3/8" Male Pipe Thread

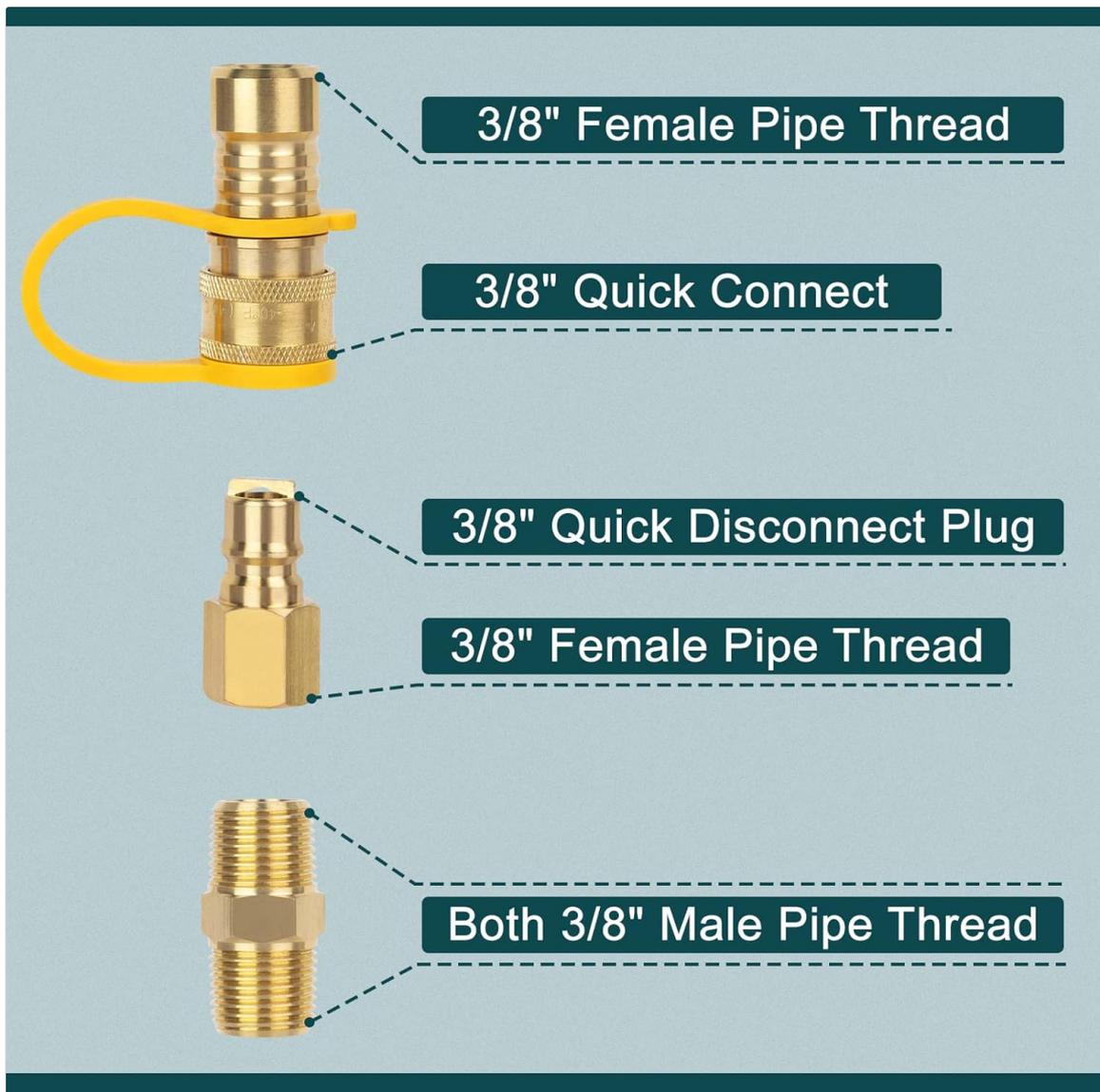


Figure 1: Labeled diagram of the quick connect kit components.



Figure 2: All components of the GASPRO 3/8 inch quick connect fittings.

3. INSTALLATION INSTRUCTIONS

Proper installation is crucial for safe and leak-free operation. If you are unsure about any step, consult a qualified professional.

3.1 Safety Precautions

- Always ensure the gas supply to the appliance or line is turned OFF before beginning installation.
- Use only gas-specific thread sealant (e.g., yellow Teflon tape or pipe dope rated for gas) on all threaded connections to prevent leaks. Standard plumbing tape is not suitable for gas lines.
- Perform a leak test on all connections after installation.
- Do not use open flames to test for leaks. Use a soapy water solution.

3.2 Assembly Steps

1. **Prepare Connections:** Apply gas-specific thread sealant to the male threads of all components

before assembly.

2. **Attach Female Quick Connect:** Thread the 3/8" female pipe thread x 3/8" quick connect fitting onto your existing gas supply line. Tighten securely with a wrench.
3. **Attach Male Quick Disconnect Plug:** Thread the 3/8" quick disconnect plug x 3/8" female pipe thread fitting onto the gas inlet of your appliance's hose. Tighten securely.
4. **Optional Male Pipe Thread:** If your setup requires it, use the additional 3/8" male pipe thread fittings to extend or adapt connections. Ensure proper thread sealant is applied and connections are tight.

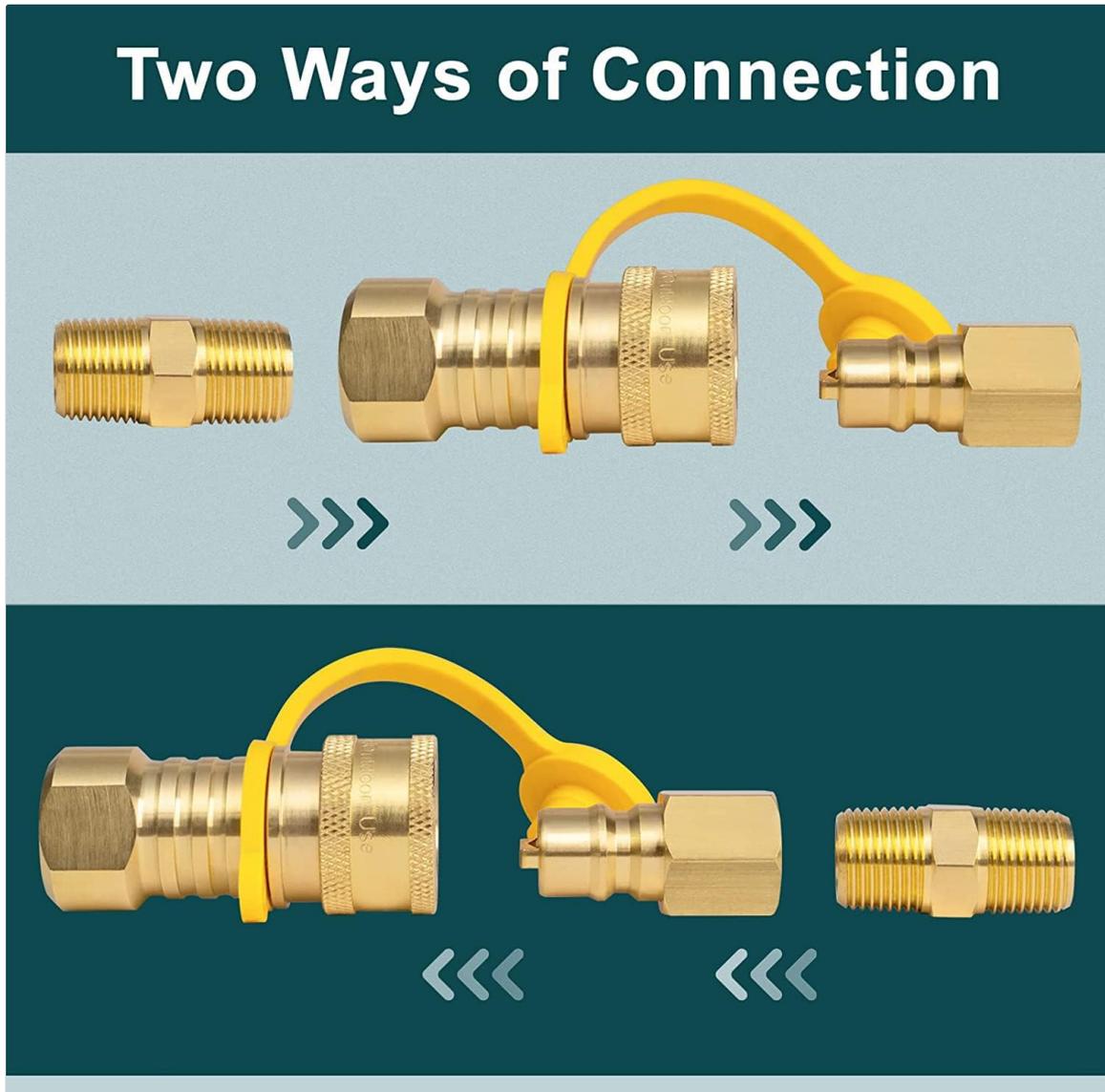


Figure 3: Two common connection methods for the quick connect fittings.



Figure 4: Example of installed quick connect fitting on an outdoor gas line.

Video 1: Product Overview - This video demonstrates the components and basic functionality of the quick connect fittings.

4. OPERATING INSTRUCTIONS

4.1 Connecting the Hose

1. Ensure the gas supply is OFF at the main valve before connecting.
2. Pull back the collar on the female quick connect fitting (attached to your gas supply line).
3. Insert the male quick disconnect plug (attached to your appliance hose) fully into the female quick connect fitting.
4. Release the collar. It should snap forward, locking the connection securely. Gently tug on the hose to confirm it is locked in place.
5. Turn ON the gas supply.
6. Perform a leak test (see Section 6.1).

4.2 Disconnecting the Hose

1. Ensure the gas supply is OFF at the main valve before disconnecting.
2. Pull back the collar on the female quick connect fitting.
3. The male quick disconnect plug will release.
4. Remove the male plug from the female fitting.
5. Replace the yellow dust cap on the female quick connect fitting to protect it from debris.

5. MAINTENANCE

To ensure the longevity and safe operation of your GASPRO quick connect fittings, follow these maintenance guidelines:

- **Regular Inspection:** Periodically inspect all fittings and hoses for signs of wear, damage, corrosion, or leaks. Replace any damaged components immediately.
- **Cleaning:** Keep the fittings clean and free of dirt, dust, and debris. Use a soft cloth to wipe down the brass surfaces. Avoid abrasive cleaners that could damage the finish or seals.
- **Dust Caps:** Always use the provided yellow dust cap on the female quick connect fitting when not in use. This prevents foreign objects from entering and potentially compromising the seal.
- **Storage:** Store disconnected hoses and fittings in a clean, dry place away from extreme temperatures and direct sunlight.

100% Solid Brass



Dust Cap

Quick-Connect / Disconnect Design

Figure 5: Solid brass construction with protective dust cap.

6. TROUBLESHOOTING

6.1 Leak Test Procedure

After every installation or reconnection, perform a leak test:

1. Mix a solution of equal parts liquid dish soap and water.
2. Ensure all gas connections are tight.
3. Turn on the gas supply.
4. Apply the soapy water solution to all connections, including the quick connect/disconnect points.
5. Observe for bubbles. The presence of bubbles indicates a gas leak.
6. If a leak is detected, immediately turn off the gas supply. Retighten connections or reapply thread sealant as necessary. Repeat the leak test until no bubbles appear.

6.2 Common Issues and Solutions

- **Difficulty Connecting/Disconnecting:** Ensure the collar on the female quick connect is fully pulled back. Check for any debris or obstructions in the fittings. Clean if necessary.
- **Gas Flow Issues:** Verify that the gas supply is fully open. Check for kinks or blockages in the hose. Ensure the quick connect is fully engaged and locked.
- **Persistent Leaks:** If leaks persist after retightening and reapplying thread sealant, the fitting or hose may be damaged. Replace any faulty components.

7. SPECIFICATIONS

Attribute	Value
Product Dimensions	5.31 x 3.74 x 1.14 inches
Item Weight	9.1 ounces
Material	Brass
Color	Golden
Outside Diameter	0.38 Inches
Included Components	3/8 Inch Natural Gas Quick Connect Fittings
Manufacturer	GASPRO
Model Number	QH1-3

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For warranty details, technical support, or any inquiries regarding your GASPRO quick connect fittings, please refer to the product packaging or contact GASPRO customer service directly.

You may also visit the official GASPRO store for more information: [GASPRO Store](#)