

DOZYANT F273720-24

DOZYANT 24-Foot Natural Gas Grill Hose with Quick Connect - 3/8-inch ID, CSA Certified

Model: F273720-24

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your DOZYANT 24-foot Natural Gas Grill Hose. This hose is designed for connecting low-pressure natural gas or liquid propane (LP) appliances, such as grills and RVs, to an existing fuel supply. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

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

- **For Outdoor Use Only:** This hose is designed for outdoor applications. Do not use indoors.
- **Gas Type Compatibility:** Ensure the hose is used with the correct gas type (natural gas or LP) and pressure for your appliance. This hose is for low-pressure systems only.
- **Leak Testing:** Always perform a leak test with a soapy water solution on all connections after installation and before each use. Never use an open flame to check for leaks.
- **Proper Connections:** Ensure all connections are tight and secure. Loose connections can cause gas leaks.
- **Hose Inspection:** Regularly inspect the hose for cuts, abrasions, kinks, or other damage. Do not use a damaged hose; replace it immediately.
- **Avoid Obstructions:** Keep the hose clear of hot surfaces, sharp edges, and areas where it could be tripped over or damaged.
- **CSA Certified:** This product is CSA certified, indicating it meets applicable safety standards.

3. PRODUCT OVERVIEW

The DOZYANT Natural Gas Grill Hose (Model F273720-24) is a flexible, durable hose designed for extending the reach of your low-pressure gas appliances. It features quick-connect fittings for easy attachment and detachment.

Components:

- **24-Foot (7.3m) Flexible Hose:** 3/8-inch inner diameter, rated for up to 50,000 BTU/hour.
- **3/8-inch Female Thread Connection:** Connects to the gas supply.
- **3/8-inch Male Flare Quick-Connect Fitting:** Connects to the appliance.
- **Dust Cap and Plug:** Protects the quick-connect fittings when not in use.



Figure 1: The DOZYANT 24-foot natural gas hose, coiled, showing both the female threaded end and the quick-connect fitting with protective caps.

4. SETUP AND INSTALLATION

Follow these steps carefully to ensure a safe and secure connection.

1. **Ensure Gas Supply is Off:** Before making any connections, confirm that the gas supply valve is in the OFF position.
2. **Connect to Gas Supply:**
 - Locate the **3/8-inch female threaded end** of the hose.
 - Connect this end to your existing low-pressure natural gas or LP supply line. Use a wrench to tighten the connection securely. Do not overtighten.



Figure 2: Detail of the 3/8-inch female threaded connection point.

3. Connect to Appliance:

- Locate the **3/8-inch male flare quick-connect fitting** on the hose.
- Remove the protective dust cap from the quick-connect fitting.
- Connect the quick-connect fitting to the corresponding female quick-connect receiver on your gas appliance. Push the male fitting firmly into the female receiver until it clicks into place.



24 Feet

Figure 3: The male quick-connect fitting with its yellow protective dust cap.



Figure 4: The quick-connect fitting shown separated, illustrating the male and female components before connection.

4. Perform a Leak Test:

- Turn on the gas supply slowly.
- Mix a solution of soapy water (50% soap, 50% water).
- Apply the soapy solution to all connections (hose to supply, hose to appliance).
- Observe for bubbles. The presence of bubbles indicates a gas leak.
- If a leak is detected, immediately turn off the gas supply, tighten the connection, and re-test. If the leak persists, do not use the hose and contact a qualified technician.

5. OPERATING INSTRUCTIONS

Once the hose is securely installed and leak-tested:

1. Ensure the appliance's control knobs are in the OFF position.
2. Slowly open the main gas supply valve.
3. Follow your appliance's specific instructions for lighting and operation.
4. When finished, turn off the gas supply at the source first, then turn off the appliance's control knobs.
5. If disconnecting the hose, ensure the gas supply is off and the appliance is cool. To disconnect the quick-connect, pull back the collar on the female receiver and pull the male fitting out. Replace dust caps on fittings.

6. MAINTENANCE

- **Regular Inspection:** Before each use, visually inspect the entire length of the hose for any signs of wear, damage, cuts, kinks, or excessive bending. Check fittings for corrosion or damage.
- **Cleaning:** Clean the hose and fittings with a mild soap and water solution. Rinse thoroughly and dry completely before storage or use. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, disconnect the hose from both the gas supply and the appliance. Replace the protective dust caps on the quick-connect fittings. Store the hose in a clean, dry, and protected area, away from direct sunlight, extreme temperatures, and corrosive materials. Avoid kinking the hose during storage.
- **Replacement:** If any damage is found during inspection, or if the hose shows signs of significant wear, replace it immediately with a new, CSA-certified hose.



Figure 5: The male quick-connect fitting with its protective dust cap in place, ready for storage.



Figure 6: The female quick-connect fitting with its protective dust cap in place, ready for storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gas leak detected (bubbles during leak test)	Loose connection, damaged fitting, or damaged hose.	Immediately turn off gas supply. Tighten all connections. Re-test. If leak persists or hose is damaged, replace the hose. Do not use a leaking hose.
No gas flow to appliance	Gas supply valve closed, quick-connect not fully engaged, kinked hose, or appliance issue.	Ensure gas supply valve is fully open. Check quick-connect for full engagement. Inspect hose for kinks. Verify appliance is functioning correctly with another gas source if possible.
Difficulty connecting/disconnecting quick-connect	Dust/debris in fitting, collar not fully retracted, or damaged fitting.	Ensure fittings are clean. Pull back the collar on the female receiver completely. If fitting is damaged, replace the hose.

If you encounter issues not listed here or if solutions do not resolve the problem, contact a qualified gas technician or DOZYANT customer support.

8. SPECIFICATIONS

Brand: DOZYANT

Model Number: F273720-24

Hose Length: 24 feet (7.3 meters)

Inner Diameter (ID): 3/8 inch (0.95 cm)

Max BTU/Hour Capacity: 50,000

Connections: 3/8-inch Female Thread x 3/8-inch Male Flare Quick-Connect

Material: Brass fittings, flexible hose

Gas Type: Natural Gas or Liquid Propane (LP) - Low Pressure

Certifications: CSA Certified

Product Dimensions (L x W x H): Approximately 11 x 11 x 3 inches (27.94 x 27.94 x 7.62 cm) (packaged)

Item Weight: 2.5 pounds (1.13 kg)

UPC: 765673999166

9. WARRANTY AND SUPPORT

Specific warranty information for DOZYANT products may vary. Please refer to the product packaging or the manufacturer's official website for the most current warranty details.

For technical support, questions, or assistance with your DOZYANT Natural Gas Grill Hose, please contact DOZYANT customer service through their official channels. Keep your purchase receipt and model number (F273720-24) handy when contacting support.