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HILTI 38867 GC-22

Hilti GC-22 Gas Canister for GX-120 Instruction Manual

Model: 38867 GC-22

1. PRODUCT OVERVIEW

The Hilti GC-22 Gas Canister (Model 38867) is designed for use with the Hilti GX-120 gas-actuated fastening tool. This canister contains 2.74 fluid ounces (81ml) of high-quality gas, formulated to provide optimal performance and reliability for fastening applications. It ensures consistent power delivery for efficient operation of the GX-120 system.



Image 1.1: The Hilti GC-22 Gas Canister. This image shows the cylindrical red and black gas canister, which is essential for powering the Hilti GX-120 fastening tool.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- **Flammable Gas:** This canister contains highly flammable gas under pressure. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- **Pressurized Container:** Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C (122°F).
- **Ventilation:** Use only in well-ventilated areas. Inhalation of gas may cause dizziness or suffocation.
- **Storage:** Store in a cool, dry place, out of direct sunlight and away from children.
- **Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations. Do not empty into drains.
- **Eye and Skin Contact:** Avoid contact with eyes and skin. In case of contact, rinse immediately with plenty of water and seek medical advice.

- **Tool Compatibility:** Only use this gas canister with the Hilti GX-120 gas-actuated fastening tool. Using it with incompatible tools may cause malfunction or injury.

3. SETUP AND INSTALLATION

Before installing the gas canister, ensure the Hilti GX-120 tool is switched off and disconnected from any power source (if applicable) and that you are wearing appropriate personal protective equipment.

1. **Prepare the Tool:** Open the gas canister compartment on your Hilti GX-120 tool according to the tool's specific instruction manual.
2. **Insert Canister:** Align the Hilti GC-22 Gas Canister with the receptacle in the tool's gas compartment. Insert the canister firmly until it clicks into place. Ensure a secure connection.
3. **Close Compartment:** Close the gas canister compartment cover securely.
4. **Check for Leaks:** After installation, briefly check for any signs of gas leakage (e.g., hissing sound, unusual odor). If a leak is detected, remove the canister in a well-ventilated area and re-install or replace it if necessary.

4. OPERATING INSTRUCTIONS

The Hilti GC-22 Gas Canister provides the propellant for the Hilti GX-120 tool. Once installed, the tool is ready for operation as per its own user manual.

- Ensure the gas canister is fully inserted and the compartment is closed.
- Follow all operating procedures outlined in the Hilti GX-120 tool's instruction manual for safe and effective fastening.
- The gas canister will automatically dispense the required amount of gas with each actuation of the tool.
- Replace the canister when the tool's performance diminishes or when the canister is empty.

5. MAINTENANCE AND STORAGE

5.1. Handling

- Handle the gas canister with care to avoid dropping or puncturing it.
- Do not attempt to refill the canister. It is designed for single use.
- Keep the canister clean and free from dirt or debris that could affect its seal or performance.

5.2. Storage

- Store unused gas canisters in their original packaging in a cool, dry, well-ventilated area.
- Keep away from direct sunlight, heat sources, and open flames.
- The storage temperature should not exceed 50°C (122°F).
- Keep out of reach of children and unauthorized personnel.

6. TROUBLESHOOTING

If you experience issues related to gas delivery or tool performance, consider the following:

- **No Gas Dispensing:**
 - Ensure the gas canister is correctly and fully inserted into the GX-120 tool.
 - Check if the canister is empty. Replace with a new Hilti GC-22 Gas Canister if necessary.
 - Verify that the tool's gas compartment is properly closed.

- **Reduced Tool Performance:**

- A partially empty gas canister can lead to reduced power. Replace the canister.
- Ensure the tool itself is clean and well-maintained according to its own manual.
- Operating in extremely cold temperatures can affect gas pressure. Allow the canister to warm up to room temperature if possible.

- **Gas Leakage:**

- If you detect a gas leak, immediately remove the canister in a well-ventilated area.
- Inspect the canister for damage. Do not use a damaged canister.
- Ensure the tool's gas compartment seal is intact and free of debris.

If problems persist after following these steps, refer to the Hilti GX-120 tool's instruction manual or contact Hilti customer support.

7. SPECIFICATIONS

Feature	Detail
Manufacturer	Hilti
Part Number	38867
Item Model Number	38867
Product Name	GC-22 Gas Canister
Compatibility	Hilti GX-120 Gas-Actuated Fastening Tool
Volume	2.74 Fl. Oz. (81ml)
Item Weight	1.6 ounces
Product Dimensions	1.25 x 5.5 x 1.3 inches
Color	Red
Number of Pieces	1
Date First Available	January 1, 2014

8. WARRANTY AND SUPPORT

For information regarding the warranty of your Hilti GC-22 Gas Canister or for technical support, please refer to the official Hilti website or contact Hilti customer service directly. Warranty terms and conditions may vary by region.

You can find contact information and further resources on the official Hilti website: www.hilti.com