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> [CGOLDENWALL 40H Portable Insulin Travel Cooler: Instruction Manual for Model CG-LD10](#)

## CGOLDENWALL CG-LD10

# CGOLDENWALL 40H Portable Insulin Travel Cooler

Model: CG-LD10 - User Instruction Manual

## 1. PRODUCT OVERVIEW

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The CGOLDENWALL 40H Portable Insulin Travel Cooler, Model CG-LD10, is designed to maintain the required temperature for insulin and other temperature-sensitive medications during travel and daily use. It features a durable 304 stainless steel inner container and 5-layer vacuum insulation technology, ensuring effective and long-lasting cooling performance. This cooler is compact, lightweight, and TSA certified, making it convenient for various travel scenarios.

The cooler utilizes biogel for extended cooling and includes an emergency bottle for additional ice water, providing flexible cooling solutions. It can keep medication cool for approximately 40 hours at room temperature and up to 30 hours in warmer climates (35°C).

## 2. PACKAGE CONTENTS

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Upon receiving your CGOLDENWALL 40H Portable Insulin Travel Cooler, please ensure all the following items are included:

- 1 x Insulin Storage Vial (Main Cooler Unit)
- 1 x Black Cartridge for Emergency Refrigeration
- 1 x Medication Storage Box
- 1 x Portable Backpack (Carry Bag)
- 1 x User Manual (in 5 languages)
- 1 x Biogel Pack

**INTERNAL CAPACITY AND MACHINE SIZE!**  
Compare these two factors CAREFULLY before buying!

**Which one to choose?  
NOT SURE?**

**CONTACT us to  
recommend the right product for you!**

Figure 2.1: Contents of the CGOLDENWALL 40H Portable Insulin Travel Cooler package.

Video 2.1: An overview of the CGOLDENWALL Portable Insulin Cooler and its components.

Video 2.2: Product introduction and unboxing of the insulin cooler.

### 3. SETUP AND PREPARATION

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#### 3.1 Biogel Preparation

1. Place the biogel pack in a freezer for 6-8 hours prior to use. Ensure the biogel is completely frozen.
2. Once frozen, insert the biogel into the main cooler unit.



Figure 3.1: Freezing the biogel for optimal cooling performance.

### 3.2 Emergency Bottle Usage

For extended cooling or emergency situations, an empty emergency bottle is provided. This bottle can be filled with ice water to prolong the cooling effect.

1. Fill the emergency bottle with ice water.
2. Place the filled emergency bottle into the cooler alongside your medication. This can extend cooling by an additional 6-8 hours.
3. The emergency bottle includes a black box to protect insulin pens or reagents from freezing.

# COOLING METHODS AND PERFORMANCE



Figure 3.2: Filling the emergency bottle with ice water.

Video 3.1: Demonstrating the use of the gel bottle and emergency bottle for cooling.

## 4. OPERATING INSTRUCTIONS

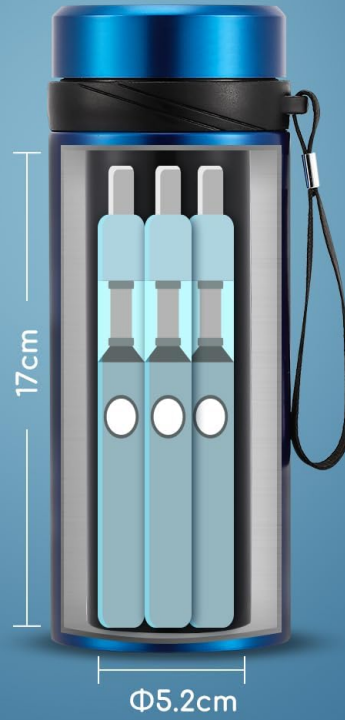
### 4.1 Placing Medication

The black cartridge is designed to fit most insulin pens. Ensure your pens fit within the specified internal height ( $\leq 17$  cm) and residual diameter ( $\leq 2.5$  cm).

- It can hold up to 3 thin insulin pens or 2 thick NOVO pens.
- Carefully place your insulin pens into the black cartridge.
- Insert the cartridge with pens into the main cooler unit after the biogel has been prepared.

Physical Cooling 3cm

**PHYSICAL**



Max $\Phi$  of Medication Box 5.2cm

**ICE BUCKET**

Figure 4.1: Internal capacity for various insulin pens.



Figure 4.2: Insulin pens correctly placed inside the cooler.

## 4.2 Cooling Performance

The cooler provides reliable temperature maintenance for your medication. The biogel ensures prolonged cooling, while the emergency bottle offers an additional boost when needed.

# KIT DE VIAJE INSULIN COOL



- 2 Métodos de Enfriamiento
- Al menos 48 Horas
- Emergencia al Aire Libre

Figure 4.3: Cooling performance comparison for Biogel and Emergency Bottle methods.

## 5. MAINTENANCE

- Clean the interior and exterior of the cooler with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Ensure the cooler is completely dry before storing.
- Store the biogel in the freezer when not in use to keep it ready for the next trip.

## 6. TROUBLESHOOTING

### 6.1 Insufficient Cooling

- **Check Biogel Freezing:** Ensure the biogel was frozen for the recommended 6-8 hours. Incomplete freezing will reduce cooling duration.
- **Ambient Temperature:** In extremely hot environments, cooling duration may be slightly shorter than advertised. Utilize the emergency bottle with ice water for additional cooling.
- **Proper Sealing:** Ensure the cooler lid is securely closed to maintain insulation.

### 6.2 Condensation Inside

- Condensation can occur due to temperature differences. This is normal. Wipe dry with a clean cloth.
- Ensure the emergency bottle is properly sealed to prevent water leakage.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	CG-LD10
Brand	CGOLDENWALL
Package Dimensions	26.9 x 20.5 x 12.1 cm
Product Weight	1.8 kg
Internal Height (for pens)	≤17 cm
Internal Diameter (for pens)	≤2.5 cm
Insulation Material	304 Stainless Steel, 5-layer vacuum insulation
Cooling Method	Biogel (primary), Ice Water (emergency bottle)
Cooling Duration (Biogel)	Approx. 40 hours (room temp), 30 hours (35°C)
Cooling Duration (Emergency Bottle)	Additional 6-8 hours
Capacity	Up to 3 thin insulin pens or 2 thick NOVO pens



Figure 7.1: Detailed dimensions and features of the cooler.

## 8. WARRANTY AND SUPPORT

If you find any missing accessories or encounter quality issues upon receiving the product, our professional team will resolve the problem or provide a replacement within 24 hours. Please refer to the contact information provided in your package or on the official CGOLDENWALL website for support.