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QIRDLP QIR001

QIRDLP Insulin Cooler Case User Manual

Model: QIR001 | Brand: QIRDLP

Introduction

This user manual provides essential information for the safe and effective operation of your QIRDLP Insulin Cooler Case. Designed for portability and precise temperature control, this device ensures your temperature-sensitive medications, such as insulin, interferon, and eye drops, are kept within the optimal range of 2-8°C (35-46°F) during travel, daily commutes, business trips, or at home.
Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

Product Overview



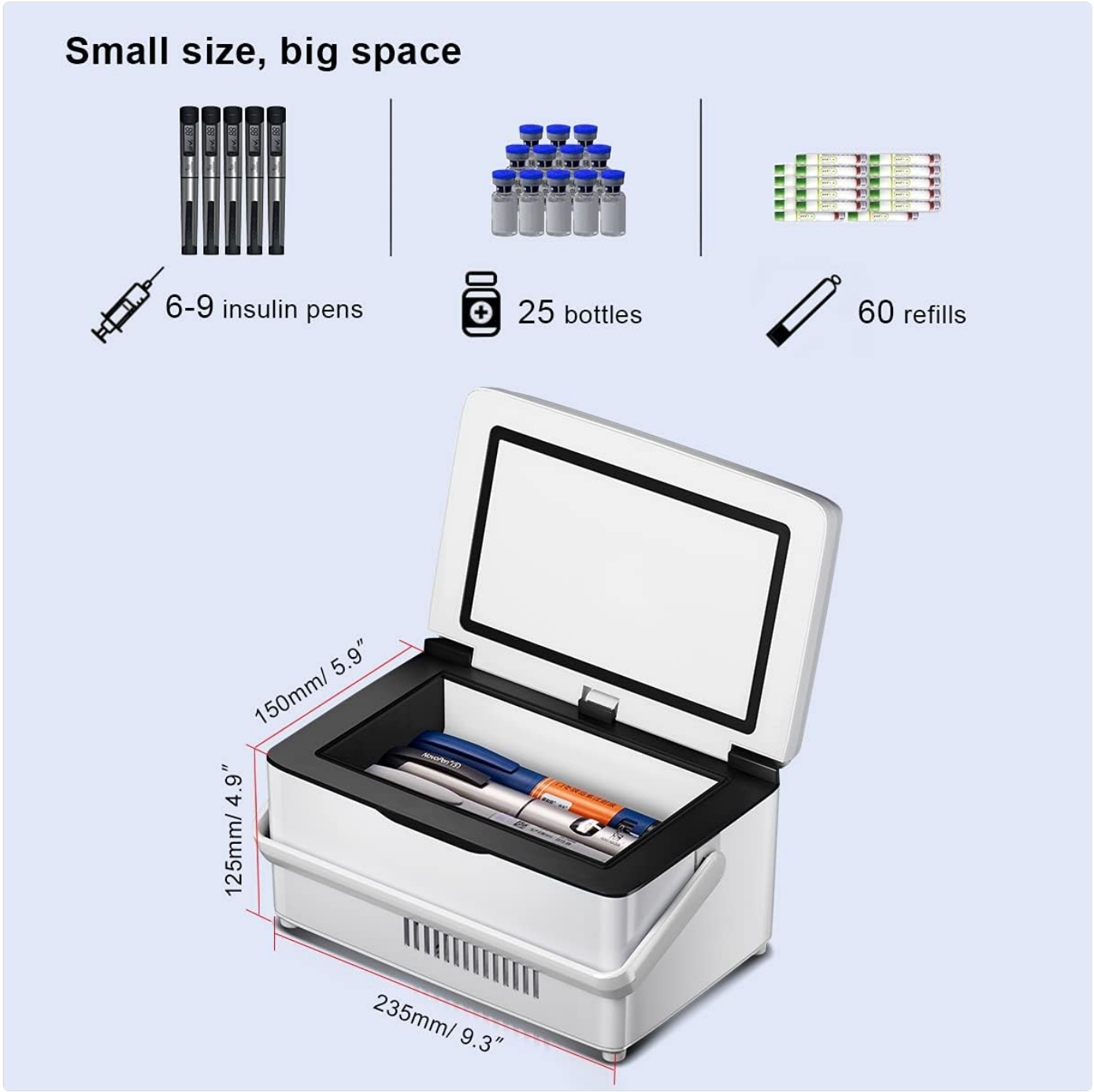
The QIRDLP Insulin Cooler Case, shown with its included accessories: two rechargeable lithium-ion batteries, a USB charging cable, a wall adapter, and a carrying bag.



The cooler is designed for cold storage of various medications including insulin, interferon, daily medicines, and eye drops, ensuring they remain at their required temperature.



High-definition LCD touch screen for easy temperature control and monitoring, featuring power display, temperature display, and touch screen controls.



Despite its small size, the cooler offers ample space, capable of holding 6-9 insulin pens, 25 bottles, or 60 refills. Internal dimensions are approximately 125mm (4.9") deep and 235mm (9.3") long.

Key Features:

- LED screen temperature touch control.
- Portable design with handle.
- Fast cooling: 0~8°C (32-46°F) in approximately 10-15 minutes.
- Multiple charging modes: 110V-240V adapter, USB cable, portable batteries, car/home/battery compatibility.
- Equipped with 2 portable rechargeable lithium-ion batteries (included).
- TSA Approved for travel.
- Built-in alarm for low power.

Setup

1. Battery Installation

The cooler comes with two rechargeable lithium-ion batteries. To install them:

1. Locate the battery compartment on the bottom of the cooler.
2. Pull down on the tabs to remove the panel.
3. Connect the two sets of cables from the cooler to the corresponding ends of the blue batteries. Ensure a secure connection.
4. Place the batteries into the compartment and reattach the panel.



The battery compartment located on the bottom of the cooler, showing the two blue lithium-ion batteries connected.

2. Charging

Before first use, fully charge the batteries for 7 hours to ensure longer working time. The cooler supports multiple charging methods:

- **Wall Outlet (AC 110V-240V):** Use the provided wall adapter. Plug one end into the cooler and the other into a standard wall outlet.
- **USB Charging:** Use the provided USB cable. Plug one end into the cooler and the USB end into a USB port (e.g., car USB charger, mobile power bank, laptop, or plane USB charger).



Illustrates various charging options: home charger, USB charger, battery charger, mobile power bank, car USB charger, and plane USB charger.

Important: When recharging the blue batteries, ensure they are connected to the cooler first, and then plug the cooler into the power source.

3. Initial Power On

To power on the device, press and hold the power button () on the LCD touch screen for 3 seconds. The display will light up, showing the current temperature and battery status.

Operating Instructions

1. Temperature Control

The QIRDLP Insulin Cooler Case is designed to maintain temperatures between 2°C and 18°C (approximately 35°F to 65°F), with an optimal range for insulin being 2-8°C (35-46°F).

1. Once powered on, the current internal temperature will be displayed on the LCD screen.
2. To adjust the desired temperature, press the settings button (⚙). The temperature display will flash.
3. Use the up (▲) and down (▼) arrow buttons to set your desired temperature.
4. The device will automatically begin cooling or warming to reach and maintain the set temperature.



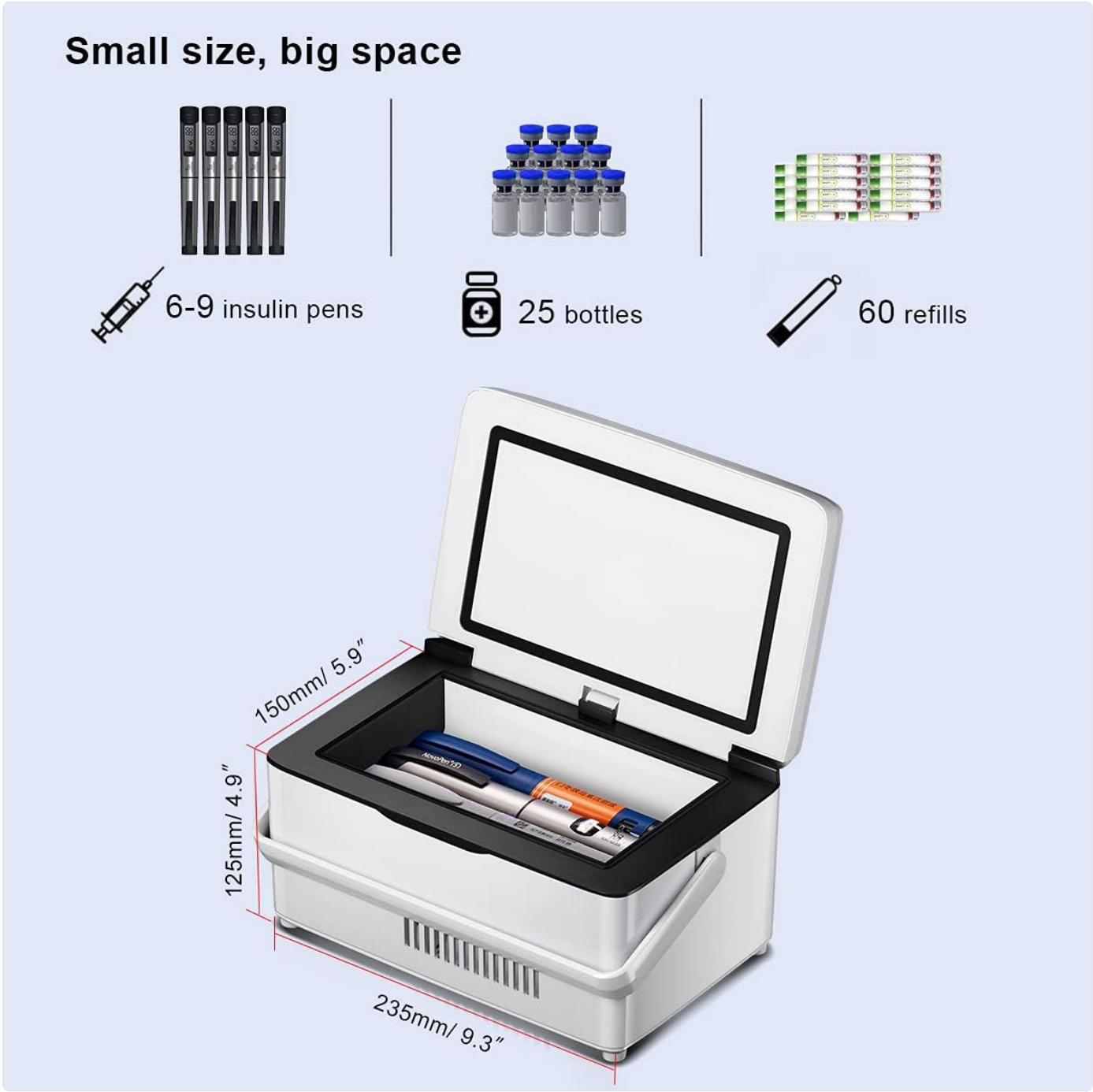
The touch screen interface allows for easy adjustment of the cooling temperature using the up and down arrows.

Note: The display shows temperature in Celsius. For long cooling times, setting the temperature at 8°C (46.4°F) is recommended.

2. Storage Capacity

The internal storage area is approximately 125mm (4.9 inches) deep and 235mm (9.3 inches) long. It can accommodate:

- 6-9 insulin pens
- 25 small medication bottles
- 60 medication refills



Visual representation of the cooler's capacity for insulin pens, bottles, and refills, along with internal dimensions.

3. Usage Scenarios

The portable design and multiple power options make this cooler suitable for various environments:

- **Travel:** Ideal for use in cars (via USB), on high-speed trains, and airplanes (TSA approved, single lithium battery under 20000mAh).
- **Home & Office:** Provides a dedicated, temperature-controlled space for medications, avoiding bacterial cross-infection from shared refrigerators.
- **Outdoor Activities:** The carrying bag makes it convenient for picnics or other outdoor needs where temperature control is crucial.

Fast cooling in ten minutes to 2℃
10-hours long standby

It can be carried on airplanes, high-speed trains, vehicles, home use and other occasions.
The portable battery complies with civil aviation standards
(Single lithium battery <20000mAh) .






The cooler is suitable for various settings including car travel, high-speed trains, and air travel, offering 10-hour standby time.



The included carrying bag enhances portability, making it easier to transport the cooler for travel or daily use.

4. Official Product Video

Your browser does not support the video tag.

This official video from DLPFANDA demonstrates the QIRDLP cooler box, highlighting its handle and battery packs, and showing its operation and features.

Maintenance

- **Cleaning:** Regularly wipe the interior and exterior surfaces with a soft, damp cloth. Do not immerse the device in water.
- **Ventilation:** Ensure the ventilation slots are not covered during operation to prevent overheating.
- **Battery Care:** Fully charge batteries when not in use for extended periods to maintain battery health.

Troubleshooting

Problem	Possible Cause	Solution
Device not cooling/powering on.	Low battery or power connection issue.	Ensure batteries are fully charged and properly connected. Check power adapter and USB cable connections.
Temperature not reaching desired level.	Poor ventilation or high ambient temperature.	Ensure ventilation slots are clear. Avoid using in high-temperature environments or direct sunlight for extended periods.
Alarm sounding.	Low battery power.	Recharge the batteries immediately.

If problems persist, please contact customer support.

Specifications

- **Brand Name:** QIRDLP
- **Model Info:** QIR001
- **Item Weight:** 5.13 pounds
- **Product Dimensions:** 4.17 x 1.57 x 7.08 inches
- **Capacity:** 46.18 Cubic Inches
- **Installation Type:** Countertop
- **Special Features:** Portable
- **Defrost:** Manual
- **Door Material Type:** Aluminum
- **Batteries:** 2 Lithium Ion batteries required (included)
- **Temperature Range:** Designed for 2-18°C (35-65°F)

Warranty and Support

The QIRDLP Insulin Cooler Case comes with a 1-year warranty. For any problems or inquiries, please contact our customer support team. We are committed to serving you wholeheartedly.

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