VWR B001UI040W

VWR Digital Refrigerator/Freezer Thermometer with Alarm User Manual

Brand: VWR

Model: B001UI040W

1. INTRODUCTION

This manual provides instructions for the proper setup, operation, and maintenance of your VWR Digital Refrigerator/Freezer Thermometer with Alarm. This device is designed to accurately monitor temperatures in refrigerators and freezers, featuring a digital display and an audible alarm for temperature excursions.

Please read this manual thoroughly before using the product to ensure safe and efficient operation.

2. SAFETY INFORMATION

- Keep the device away from extreme temperatures, direct sunlight, and moisture.
- Do not immerse the main unit in water. The probe is designed for use in cold environments.
- Handle the thermometer and probe with care to prevent damage.
- Replace batteries only with the specified type and ensure correct polarity.
- Dispose of used batteries according to local regulations.
- Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This disclaimer is provided as per product information and is not directly related to the thermometer's function but is included for completeness.

3. PACKAGE CONTENTS

- 1 x VWR Digital Refrigerator/Freezer Thermometer Main Unit
- 1 x Remote Temperature Probe with Cable
- (Batteries may or may not be included, check packaging)

4. PRODUCT FEATURES

- **Digital Display:** Clear and easy-to-read temperature readings.
- **Remote Probe:** Allows monitoring of internal appliance temperatures while the main unit remains outside.

- **Temperature Range:** Measures temperatures from -50°C to +70°C (-58°F to +158°F).
- **Alarm Function:** Audible alert for temperature deviations (specific alarm setting details are not provided, refer to device for default or programmable settings).
- **MAX/MIN Memory:** Records the highest and lowest temperatures measured.
- **Room/Fridge Selection:** Allows switching between ambient room temperature and probe temperature display.
- **Mounting:** Features twin magnets for convenient attachment to metal surfaces (e.g., refrigerator door).
- **Power Source:** Battery Powered for portability and ease of use.

Figure 1: VWR Digital Refrigerator/Freezer Thermometer. The image displays the white main unit with a blue-bordered digital screen showing "33.7°F" and "FRIDGE" indicator. Buttons for MAX/MIN, ROOM/FRIDGE, and an alarm bell icon are visible on the right. A white wired probe extends from the left side of the unit.

5. SETUP

1. **Battery Installation:**
   - Locate the battery compartment on the back of the main unit.
   - Open the compartment cover.
   - Insert the required batteries (e.g., AAA, check compartment for type) ensuring correct polarity (+/-).
   - Close the battery compartment cover securely.

2. **Probe Placement:**
   - Carefully route the remote temperature probe into the refrigerator or freezer. Ensure the cable is not pinched by the door seal, which could damage the cable or compromise the seal.
   - Place the probe tip in the area where temperature monitoring is desired. Avoid placing it directly against cooling elements.

3. **Main Unit Placement:**
   - Attach the main unit to the exterior of the refrigerator or freezer using its built-in magnets.
   - Ensure the display is easily visible for regular temperature checks.

6. OPERATING INSTRUCTIONS

1. **Power On/Off:**

   The device typically powers on automatically upon battery installation. There may not be a dedicated power button; removal of batteries usually powers it off.

2. **Switching Temperature Display (Room/Fridge):**

   Press the **ROOM/FRIDGE** button to toggle between displaying the ambient room temperature (measured by a sensor in the main unit) and the temperature measured by the remote probe (for

the fridge/freezer).

3. **Viewing MAX/MIN Temperatures:**

   Press the **MAX/MIN** button once to display the maximum temperature recorded since the last reset. Press it again to display the minimum temperature. Press a third time to return to the current temperature display.

4. **Resetting MAX/MIN Temperatures:**

   While MAX or MIN temperature is displayed, press and hold the **MAX/MIN** button for a few seconds until the display resets to the current temperature. This clears the recorded high and low values.

5. **Alarm Function:**

   The device features an alarm. Press the **Bell Icon** button to activate or deactivate the alarm. If the temperature goes outside a pre-set range, an audible alarm will sound. (Specific instructions for setting alarm thresholds are not available; refer to the device's on-screen prompts or manufacturer's website for advanced settings if applicable).

6. **Changing Temperature Units (°C/°F):**

   Look for a small switch or button, often located in the battery compartment or on the back of the unit, to switch between Celsius (°C) and Fahrenheit (°F) display.

7. MAINTENANCE

- **Cleaning:** Wipe the main unit with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water. The probe can be cleaned with mild soap and water, then thoroughly rinsed.
- **Battery Replacement:** When the display becomes dim or the unit stops functioning, replace the batteries as described in the "Setup" section.
- **Storage:** If storing the thermometer for an extended period, remove the batteries to prevent leakage.
- **Product Care:** The product is specified as "Freezer Safe" and "Hand Wash Only" for the probe.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead batteries; incorrect battery installation.	Replace batteries, ensuring correct polarity.
Inaccurate temperature readings	Probe improperly placed; probe damaged; unit malfunction.	Reposition probe away from direct cooling elements. Check probe for visible damage. If issues persist, contact support.
Alarm not sounding	Alarm deactivated; temperature not outside set range; low batteries.	Press the Bell Icon button to activate the alarm. Verify temperature conditions. Replace batteries.
Buttons unresponsive	Unit frozen (in extreme cold); low batteries; internal malfunction.	Bring unit to room temperature. Replace batteries. If problem persists, contact support.

9. SPECIFICATIONS

- **Model:** B001UI040W

- **Brand:** VWR

- **Display Type:** Digital

- **Temperature Range:** -50°C to +70°C (-58°F to +158°F)

- **Special Feature:** Alarm, MAX/MIN Memory, Room/Fridge Selection

- **Power Source:** Battery Powered

- **Product Dimensions:** 4 x 2 x 1 inches (main unit)

- **Product Weight:** 1.6 ounces

- **Response Time:** 500 Milliseconds

- **Product Care Instructions:** Freezer Safe, Hand Wash Only (probe)

- **Reusability:** Reusable

10. WARRANTY AND SUPPORT

Specific warranty information for the VWR Digital Refrigerator/Freezer Thermometer with Alarm is typically provided with the product packaging or can be obtained directly from the manufacturer. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact VWR customer service or visit their official website. Contact details are usually available on the product packaging or the manufacturer's website.

Manufacturer: Vwr