Walfront B0D9125HD7

Walfront Electronic Digital Thermometer User Manual

Model: B0D9125HD7 | Brand: Walfront

INTRODUCTION

Thank you for choosing the Walfront Electronic Digital Thermometer. This device is designed for accurate and reliable temperature measurement in various applications, including refrigerators, freezers, incubators, terrariums, and more. Its compact size, large display, and waterproof probe make it a versatile tool for general temperature monitoring.

Image: The Walfront Electronic Digital Thermometer, showing its compact main unit with an LCD screen and the attached wired probe. The probe is designed for underwater detection.

Key Features:

- **2-Second Refresh Rate:** Provides quick and frequent temperature updates.
- **Wide Measurement Range:** Capable of measuring temperatures from -50°C to 110°C.
- **Large LCD Display:** Ensures clear and easy-to-read temperature values at a glance.
- **Waterproof Copper-Plated Probe:** The 4x20mm probe is suitable for underwater temperature detection.
- **Versatile Application:** Ideal for use in refrigerators, freezers, incubators, humidors, reptile tanks, 3D printers, solar systems, wine cellars, and more.

SETUP

Battery Installation:

The thermometer requires two AG13 button cell batteries (not included) for operation.

1. Locate the battery compartment on the back of the thermometer unit.
2. Slide open the battery compartment cover.
3. Insert two AG13 batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.

4. Close the battery compartment cover securely. The display should now show a temperature reading.

Initial Placement:

Once batteries are installed, the thermometer is ready for use.

- Place the main display unit in a convenient location where the screen can be easily read.
- Position the 1-meter long probe in the area where temperature measurement is desired. The probe can be submerged in water or placed in air.
- Ensure the probe cable is not pinched or damaged.

OPERATING INSTRUCTIONS

Taking Measurements:

The thermometer operates continuously once batteries are installed.

- The temperature displayed on the LCD screen is the current temperature detected by the probe.
- The reading updates approximately every 2 seconds.
- No manual calibration or adjustment is typically required for general temperature measurement.

Understanding the Display:

- The large LCD screen shows the temperature in degrees Celsius (°C).
- The display is designed for clear visibility, even from a distance.

MAINTENANCE

- **Cleaning:** Wipe the main unit with a soft, dry cloth. The probe can be cleaned with a damp cloth. Do not immerse the main unit in water.
- **Storage:** When not in use for extended periods, remove the batteries to prevent leakage and store the thermometer in a cool, dry place.
- **Probe Care:** While the probe is waterproof, avoid excessive bending or pulling of the cable to prevent damage.

TROUBLESHOOTING

Issue	Possible Cause	Solution
No display or faint display	Dead or incorrectly installed batteries.	Replace batteries with new AG13 cells, ensuring correct polarity.
Inaccurate readings	Probe not properly positioned; environmental interference; unit operating outside specified temperature range.	Ensure probe is fully immersed or positioned correctly. Move unit away from strong electromagnetic fields. Check operating temperature range. Note: For high precision requirements, consider specialized instruments.

Issue	Possible Cause	Solution
Display shows "HHH" or "LLL"	Temperature is outside the measurable range (-50°C to 110°C).	Move the probe to an environment within the specified temperature range.

SPECIFICATIONS

Item Type	Electronic Digital Thermometer
Material	ABS, Copper
Measurement Range	-50°C to 110°C (-58°F to 230°F)
Operating Temperature	-5°C to 50°C (for display unit)
Probe Type	Waterproof Copper-Plated Probe
Probe Dimensions	Approx. 4 x 20 mm / 0.16 x 0.79 in
Probe Cable Length	Approx. 1 meter / 3.3 feet
Unit Dimensions	Approx. 4.8 x 2.86 x 1.5 cm / 1.9 x 1.1 x 0.6 in
Built-in Opening Size	Approx. 4.6 x 2.7 cm / 1.8 x 1.1 in
Temperature Error	±1°C at ambient temperature
Battery Type	2 x AG13 (not included)
Update Frequency	Every 2 seconds

WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries regarding your Walfront Electronic Digital Thermometer, please refer to the retailer's return policy or contact Walfront customer service through their official channels. Please retain your purchase receipt for warranty purposes.

Note: This product is designed for general temperature measurement. If you require strict temperature accuracy, please consider specialized instruments.