



### Features

- ✓ Thermometer simultaneously displays minimum, maximum and current temperatures
- ✓ The unit will provide a visual and audio alert when temperature rises above or falls below the high and low set points
- ✓ The min/max feature is designed to monitor and store the highest and lowest readings until the memory is cleared
- ✓ The temperature sensor is enclosed in a glycol-filled bottle, protecting it from rapid temperature changes when refrigerator/freezer door is opened
- ✓ Low battery alert function ( battery symbol flashes)
- ✓ Rear slide switch to select °C or °F temperature display
- ✓ Measuring temperature range -30 ~ 70 °C ( or -22 ~ 158 °F)
- ✓ Accuracy : ± 0.5 °C (-10 ~ 10 °C or 14 ~ 50 °F), in other range ± 1 °C ( or ± 2 °F)
- ✓ Alarm setting and alert on /off function
- ✓ Sampling rate of 10 seconds
- ✓ Powered by a durable AAA lithium battery
- ✓ 6 ft (185 cm) probe-connecting cable

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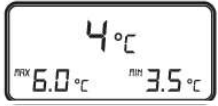

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

## Package Contents

- Display unit
- Temperature sensor in a glycol-filled bottle
- Instruction manual
- Calibration certificate
- Lithium battery

\*Remove the protective film that is applied to the LCD screen prior to using this product.

## Parts and Controls/Features

|   |  |
|---|--|
|    | <p>Press the MODE/RESET button ONCE to reset Min/Max temperature record. When the thermometer is sounding an alarm, press this button ONCE to turn off the beeping sound.</p>  |
|    | <p><b>From the main display screen:</b><br/>         Press ONCE to display high alarm temperature setting.<br/>         Press TWICE to display low alarm temperature setting.<br/>         Press THREE TIMES to display current temperature reading.</p> <div data-bbox="1118 783 1406 961" style="float: right; border: 1px solid black; padding: 5px; text-align: center;"> <p>TRACEABLE THERMOMETER / ALARM</p>  <p>Main display screen</p> </div> |
|  | <p>When the thermometer is sounding an alarm, press this button ONCE to turn off. However, the High-Alarm or Low-Alarm will still flash until the temperature goes back to normal or the Low-Alarm function is turned off.</p>   |

## Set Up

**Battery Installation:** Remove battery compartment cover located on the rear of the unit and remove insulation strip from battery compartment. Follow the polarity (+/-) diagram in the battery compartment. Replace the battery cover. The unit will beep and all segments of the LCD will be activated.

**Switching between Fahrenheit and Celsius:** To change the temperature display scale from Fahrenheit (°F) to Celsius (°C) and back, slide the °C/°F button located on the rear of the unit.

## Operation

### Programming the Alarms

**To reset high alarm temperature setting and low alarm temperature setting, follow instructions below.**

#### High Alarm Temperature Setting

##### From the main display screen:

Press HIGH/LOW key ONCE, then press MODE/RESET key to enter **High Alarm** temperature setting mode. Use the up and down arrows to adjust temperature accordingly.

Press MODE/RESET key ONCE to confirm the setting.

#### Low Alarm Temperature Setting

##### From the main display screen:

Press HIGH/LOW key TWICE, then press MODE/RESET key to enter **Low Alarm** temperature setting mode. Use the up and down arrows to adjust temperature accordingly.

Press MODE/RESET key ONCE to confirm the settings.

**By default the low and high alarm should be audible. To turn ALERT ON/OFF follow the instructions below :**

#### Audible High Alarm Setting

To make sure that the high temperature alarm is audible, press HIGH/LOW key ONCE (to activate the HI-SET on the screen). Then press the ALERT ON/OFF key ONCE to activate the HIGH-alarm beeping sound. Press AGAIN to deactivate

#### Audible Low Alarm Setting

To make sure that the low temperature alarm is audible, press HIGH/LOW key TWICE (to activate the LOW-SET on the screen). Then press the ALERT ON/OFF key ONCE to activate the LOW-ALARM beeping sound. Press AGAIN to deactivate.

For an activated Hi-alarm and Lo-alarm buzzer, the display will indicate **Hi-Alarm** and **Lo-Alarm** as shown :



## To Use

- Once the Alarm Thermometer has been programmed, place the temperature sensor (in glycol bottle) in the location to be monitored, such as inside a refrigerator or freezer. Attach thermometer to the door of the unit with magnet on back of the thermometer, or place it on a table or shelf where it can be easily seen and heard.
- Thermometer displays internal temperature of unit being monitored, as well as maximum and minimum temperatures reached. The thermometer maximum and minimum readings reflect the highest and lowest temperatures since the battery was inserted or since the RESET button was last pressed.
- If the temperature measurement rises above or falls below the set temperature range, the alarm will sound. To silence the alarm, press ALERT ON/OFF button.
- Set the high and low alarm temperature limits above and below the refrigerator/freezer operating temperature to prevent false alarms. Refrigerators are designed to run between 2-8 °C (36-46°F) while freezers run below -15 °C (5 °F).

## Troubleshooting

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|                                  |  |
|----------------------------------|--|
| Displays ‘NP’                    | The temperature sensor is not installed correctly.                             |
| Display screen not working       | Make sure the battery is installed correctly. Battery may need to be replaced. |
| “Low battery” indicator flashing | Battery may need to be replaced.   |

## Care & Maintenance

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- Do not disassemble the product, as product damage may result.
- Store the product where it will not be exposed to direct sunlight, dust or high humidity.
- Do not wash or expose the product to water or other liquids.
- Clean the product by wiping with a soft, dry cloth.
- Never use volatile or abrasive liquids or cleaners to clean the product.
- Do not drop the product or subject it to sudden shock or impact.

## Customer Support

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For technical support, please call 800-932-4267 (U.S. and Canada) or email [info@summitappliance.com](mailto:info@summitappliance.com)

For more information, please call ACCUCOLD at 718-893-3900 (U.S. and Canada). See us on the web at [www.summitappliance.com](http://www.summitappliance.com)

For re-calibration and certification questions, please email us at [calibration@summitappliance.com](mailto:calibration@summitappliance.com)

## Limited Warranty

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SUMMIT products have a limited warranty period of 1 year against defects in materials and workmanship from the date of purchase. Accessory items and sensors have a limited warranty of 3 months. Repair services have a limited warranty period of 3 months against defects in materials and workmanship. SUMMIT shall, at its option either repair or replace hardware products that prove to be defective, if a notice to that effect is received within the warranty period. SUMMIT makes no other warranties or representations of any kind whatsoever, expressed or implied, except that of title, and all implied warranties including any warranty of merchantability and fitness for a particular purpose are hereby disclaimed.

 **WARNING:** This product can expose you to chemicals including Nickel (Metallic) which is known to the State of California to cause cancer.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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