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> GRIFEMA GA2902B Digital Indoor Thermometer Hygrometer User Manual

## GRIFEMA GA2902B

# GRIFEMA GA2902B Digital Indoor Thermometer Hygrometer User Manual

Model: GA2902B | Brand: GRIFEMA

## INTRODUCTION

The GRIFEMA GA2902B is a compact digital indoor thermometer and hygrometer designed to provide accurate and real-time measurements of temperature and humidity. Its clear LCD display includes comfort indicators, making it easy to monitor environmental conditions in various indoor settings such as homes, greenhouses, nurseries, and cellars. This manual will guide you through the setup, operation, and maintenance of your device.

# Termómetro e higrómetro para interiores

Condiciones ambientales de un vistazo



°F/°C  
Interruptor



20~95%RH  
Medición



Indicador  
de confort



Image: The GRIFEMA GA2902B device displaying temperature and humidity, along with comfort indicators.

## SETUP INSTRUCTIONS

- Battery Installation:** The device comes with a CR2032 button cell battery. Locate the battery compartment on the back of the device. If a protective plastic tab is present, gently pull it out to activate the battery. If the battery is not pre-installed, open the compartment (often secured with a small screw), insert the CR2032 battery with the positive (+) side facing up, and close the compartment.

# Compacto y duradero

Pila CR2032 (incluida)



Image: Rear view of the device, highlighting its compact design and the battery compartment.

2. **Initial Display:** Once the battery is activated, the LCD screen will immediately display the current temperature and humidity readings. Allow a few minutes for the device to stabilize and provide accurate readings for its environment.
3. **Placement:** The GRIFEMA GA2902B offers flexible placement options:
  - **Tabletop:** Extend the integrated kickstand on the back of the device to place it upright on any flat surface.
  - **Magnetic Attachment:** Utilize the magnetic base on the back to attach the device to metallic surfaces such as refrigerators or metal shelves.

# Colocación flexible



Image: Demonstrates the flexible placement options: using the kickstand on a table and magnetic attachment to a vertical surface.

## OPERATING INSTRUCTIONS

- **Reading the Display:** The large LCD screen clearly shows:
  - **Temperature:** Displayed in large digits at the top.
  - **Humidity:** Displayed in large digits at the bottom, followed by "% RH".
  - **Comfort Indicator:** A small smiley face icon indicates the comfort level based on temperature and humidity.
    - *Happy Face:* Indicates comfortable conditions (typically 20-26 °C and 40-70% RH).
    - *Neutral Face:* Indicates slightly outside comfortable range.
    - *Sad Face:* Indicates uncomfortable conditions (too dry or too humid/hot/cold).

# Sensor de precisión

Medición rápida de datos de temperatura/humedad con pantalla de confort



Rango de temperatura:  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$  ( $14^{\circ}\text{F} \sim 122^{\circ}\text{F}$ )  
Precisión de temperatura:  $\pm 1^{\circ}\text{C}$



Rango de humedad: 20%~95%RH



Image: Close-up of the display, illustrating the temperature, humidity, and comfort indicator, along with the precision sensor details.

- **Unit Conversion (°C/°F):** To switch between Celsius (°C) and Fahrenheit (°F), press the small button located on the back of the device. Each press will toggle the temperature unit.

# Conversión de unidades °C/°F

Pulse el interruptor trasero para cambiar entre la visualización en °C y °F



Image: The back of the device, highlighting the button for switching between Celsius and Fahrenheit.

- **Real-time Updates:** The device updates its temperature and humidity readings every 10 seconds, ensuring you always have the most current environmental data.

## MAINTENANCE

- **Battery Replacement:** The CR2032 button cell battery typically lasts for at least one and a half years due to the device's low power consumption. When the display becomes dim or stops functioning, it's time to replace the battery.
  1. Locate the battery compartment on the back of the device.
  2. If secured, use a small screwdriver to open the compartment cover.
  3. Remove the old CR2032 battery.
  4. Insert a new CR2032 battery with the positive (+) side facing up.
  5. Securely close the battery compartment.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water. Ensure the ventilation holes on the sides are free from dust or obstructions to maintain accurate readings.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Battery is dead or not properly installed.	Replace the CR2032 battery or ensure it is correctly inserted with the protective tab removed.
Inaccurate readings	<ul style="list-style-type: none"><li>• Device has not stabilized in the new environment.</li><li>• Ventilation holes are blocked.</li><li>• Device is placed near heat sources, direct sunlight, or drafts.</li></ul>	<ul style="list-style-type: none"><li>• Allow 15-30 minutes for the device to adjust to its surroundings.</li><li>• Ensure ventilation holes on the sides are clear.</li><li>• Relocate the device to a more stable environment away from extreme conditions.</li></ul>
Cannot switch between °C/°F	Button not pressed correctly or device malfunction.	Ensure you are pressing the correct button firmly on the back. If the issue persists after battery replacement, contact customer support.

## SPECIFICATIONS

- **Model:** GA2902B
- **Dimensions:** 5.8 cm (Length) x 4.5 cm (Width) x 1.55 cm (Thickness)
- **Weight:** Approximately 40 g
- **Temperature Measurement Range:** -10°C to +50°C (14°F to 122°F)
- **Temperature Precision:** ±1°C
- **Humidity Measurement Range:** 20% RH to 95% RH
- **Update Rate:** Every 10 seconds
- **Battery Type:** 1 x CR2032 Button Cell (included)
- **Display:** LCD with comfort indicators
- **Placement Options:** Kickstand, Magnetic

# Dimensiones del producto

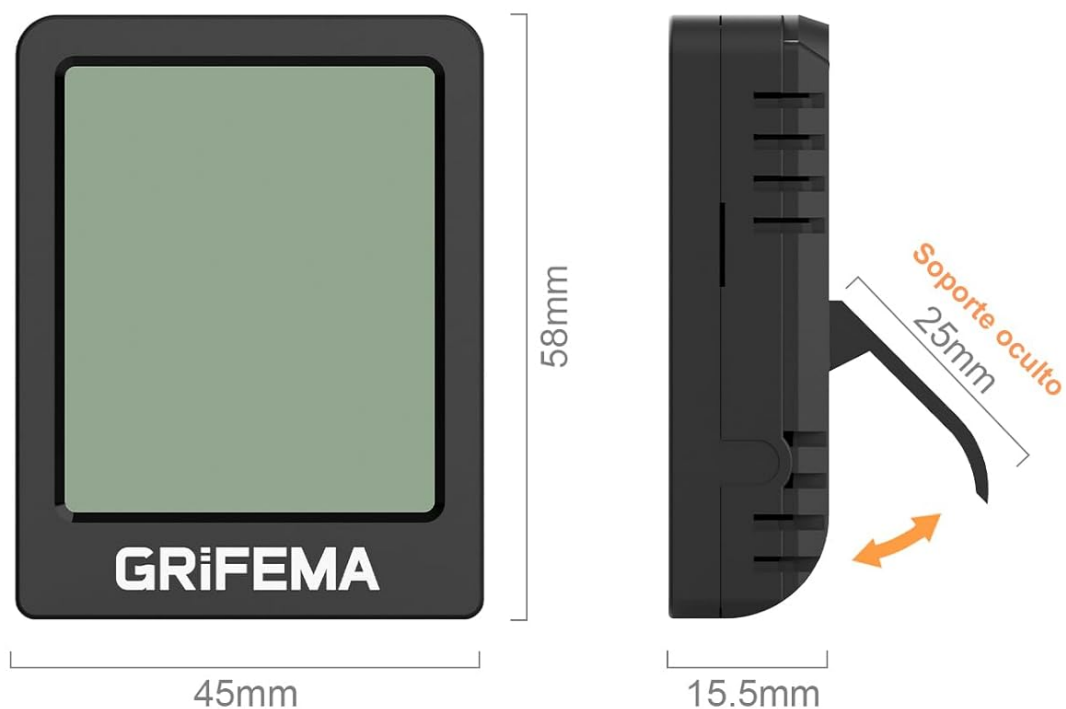


Image: Detailed product dimensions of the GRIFEMA GA2902B.

## WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the product packaging or contact GRIFEMA customer service directly through their official website or the retailer where the product was purchased.

