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› GRIFEMA GA2901B Digital Indoor Thermometer and Hygrometer User Manual

GRIFEMA GA2901B

GRIFEMA GA2901B Digital Indoor Thermometer and Hygrometer User Manual

Model: **GA2901B**

Brand: **GRIFEMA**

1. INTRODUCTION

Thank you for choosing the GRIFEMA GA2901B Digital Indoor Thermometer and Hygrometer. This device is designed to provide accurate, real-time measurements of indoor temperature and humidity, along with a clock and date display. Its large LCD screen and versatile features make it ideal for monitoring environmental conditions in your home, office, greenhouse, or basement.

Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your device.

Termómetro e higrómetro para interiores

Visualización de la hora y la fecha en formato de 12/24 horas



Figure 1: GRIFEMA GA2901B Thermometer and Hygrometer showing its features and ideal for indoor use.

2. KEY FEATURES

- **Large LCD Display:** 3.6-inch screen for clear visibility of temperature, humidity, time, and date.
- **Multiple Display Modes:** Switch between Celsius (°C) and Fahrenheit (°F), and 12-hour or 24-hour time formats.
- **10-Second Backlight:** Automatically turns off to save battery, providing temporary illumination for dark environments.
- **Comfort Zone Indicator:** Color-coded icons (Dry, Comfortable, Wet) to quickly assess indoor conditions.
- **High Precision Measurement:** Accurate temperature ($\pm 1^{\circ}\text{C}$) and humidity ($\pm 5\% \text{ RH}$) readings.
- **Max/Min Record:** Tracks the highest and lowest temperature and humidity values over 24 hours or all-time.
- **Versatile Installation:** Designed for tabletop placement, wall mounting, or magnetic attachment.

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Remove the battery compartment cover.
3. Insert two (2) AAA 1.5V batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover securely.

Durabilidad excepcional

2 pilas AAA de 1,5 V (incluidas)



Figure 2: Battery compartment on the back of the device. Requires 2 AAA batteries.

3.2 Initial Power-On and Settings

Upon battery installation, the device will power on automatically and display current temperature, humidity, time, and date. You may need to set the time and date manually.

- **Setting Time/Date:** Refer to the operating instructions for detailed steps on adjusting the clock and calendar.
- **Unit Selection:** The device allows switching between Celsius/Fahrenheit and 12H/24H time formats.

4. OPERATING INSTRUCTIONS

4.1 Display Overview

The large LCD screen displays the following information:

- Current Temperature (large digits)
- Current Humidity (large digits)
- Max/Min Temperature and Humidity records
- Comfort Zone Indicator
- Current Time
- Current Date

Sensor de precisión

Medición continua de la temperatura y la humedad con visualización del estado de confort



Rango de temperatura: de -10 °C a +50 °C (de +14 °F a +122 °F)
Precisión de la temperatura: ± 1 °C



Rango de humedad: de 20 % HR a 95 % HR
Precisión de la humedad: ± 5 % HR

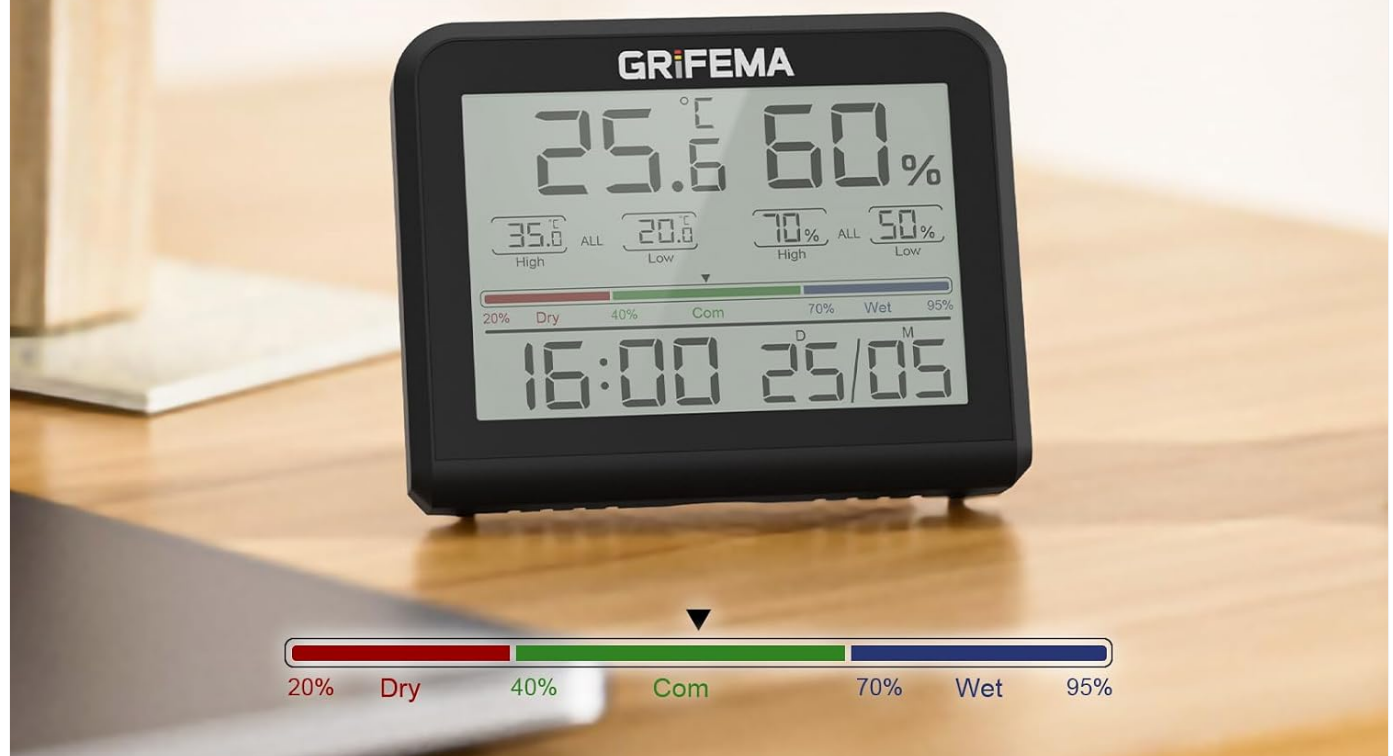


Figure 3: Clear display of temperature, humidity, and comfort zone indicator.

4.2 Button Functions

The device features several buttons, typically located on the top or back, for various functions:

- **°C/°F Button:** Press to switch between Celsius and Fahrenheit temperature units.

- **12H/24H Button:** Press to switch between 12-hour and 24-hour time formats.
- **MAX/MIN Button:** Press to view the maximum and minimum recorded temperature and humidity. Press again to cycle through 24-hour and all-time records. Hold to reset the records.
- **Light Button:** Press to activate the backlight for 10 seconds.

Retroiluminación suave de 10 segundos

Lectura sin esfuerzo en la oscuridad



Pulse para cambiar entre °C y °F



Mantenga pulsado para alternar entre la visualización de 24h y el historial



Figure 4: Buttons for unit selection, Max/Min record, and backlight activation.

4.3 Comfort Zone Indicator

The device provides a visual comfort indicator based on humidity levels:

- **DRY:** Humidity below 40% RH.
- **COMFORT:** Humidity between 40% RH and 69% RH.
- **WET:** Humidity 70% RH or above.

This indicator helps you quickly determine if adjustments to humidifiers or dehumidifiers are needed to maintain a healthy indoor environment.

5. INSTALLATION

The GRIFEMA GA2901B offers flexible installation options to suit various locations:

- **Tabletop Placement:** Use the integrated kickstand on the back of the device to place it on any flat surface, such as a desk, shelf, or nightstand.
- **Wall Mounting:** Utilize the hanging hole on the back to mount the device on a wall using a screw (not included).
- **Magnetic Attachment:** The device features built-in magnets, allowing it to be securely attached to metallic surfaces like refrigerators or magnetic boards.



Figure 5: Various installation methods: tabletop stand, wall hook, and magnetic back.

6. MAINTENANCE

- **Battery Replacement:** When the display becomes dim or the device stops functioning, replace the two AAA batteries as described in the Setup section.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.

- **Storage:** If storing the device for an extended period, remove the batteries to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead batteries; incorrect battery installation.	Replace batteries with new AAA batteries, ensuring correct polarity.
Inaccurate readings	Device placed near heat/cold sources or in direct sunlight; sensor blocked.	Relocate the device to a stable environment away from extreme temperatures or drafts. Ensure sensor vents are clear.
Buttons not responding	Temporary software glitch; low battery.	Remove and reinsert batteries to reset the device. Replace batteries if low.

8. SPECIFICATIONS

Feature	Specification
Model Number	GA2901B
Temperature Range	-10°C to 50°C (14°F to 122°F)
Temperature Accuracy	±1°C (±1.8°F)
Humidity Range	20% RH to 95% RH
Humidity Accuracy	±5% RH
Display Size	3.6 inches
Power Source	2 x AAA 1.5V Batteries
Product Dimensions (W x H x D)	9.5 x 7.5 x 2.1 cm (approx.)
Product Weight	100 g
Mounting Options	Tabletop, Wall Mount, Magnetic

Dimensiones del producto

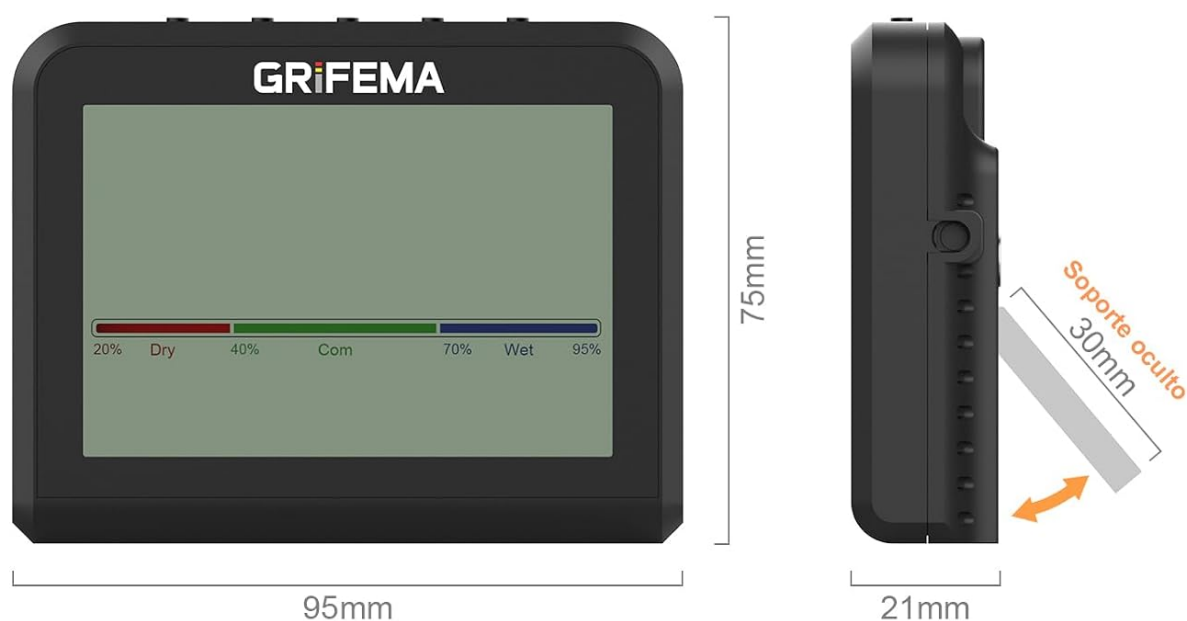


Figure 6: Product dimensions of the GRIFEMA GA2901B.

9. WARRANTY AND SUPPORT

GRIFEMA products are designed for reliability and performance. For warranty information or technical support, please refer to the documentation included with your purchase or contact your retailer. You can also visit the official GRIFEMA website for further assistance.

For more information about GRIFEMA products, visit the [GRIFEMA Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question