

## TFA 30.5027.02

# TFA 30.5027.02 Digital Thermometer/Hygrometer User Manual

Model: 30.5027.02 | Brand: TFA

<a href="#">Introduction</a>	<a href="#">Safety Information</a>	<a href="#">Package Contents</a>	<a href="#">Product Overview</a>	<a href="#">Setup</a>	<a href="#">Operation</a>
	<a href="#">Maintenance</a>	<a href="#">Troubleshooting</a>	<a href="#">Specifications</a>	<a href="#">Warranty &amp; Support</a>	

## 1. INTRODUCTION

Thank you for choosing the TFA 30.5027.02 Digital Thermometer/Hygrometer. This device is designed to accurately measure and display indoor temperature and humidity, providing a clear indication of the comfort level in your environment. Its ultra-flat design and high-gloss surface make it a discreet and functional addition to any room. Please read this manual carefully to ensure proper setup and operation.

## 2. SAFETY INFORMATION

- Keep this instruction manual for future reference.
- This device is intended for indoor use only.
- Do not expose the device to extreme temperatures, direct sunlight, moisture, or strong vibrations.
- Do not immerse the device in water or other liquids.
- Do not attempt to open or modify the device. This will void the warranty.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Dispose of used batteries according to local regulations.
- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## 3. PACKAGE CONTENTS

Please check that all components are present and undamaged:

- 1x TFA 30.5027.02 Digital Thermometer/Hygrometer
- 1x CR2 Lithium Battery (pre-installed or separate)
- 1x Instruction Manual (this document)

## 4. PRODUCT OVERVIEW

The TFA 30.5027.02 features a clear digital display showing current temperature and humidity. It also includes a comfort level indicator and a maximum/minimum value memory function.



**Figure 1:** Front view of the TFA 30.5027.02 Digital Thermometer/Hygrometer. The display shows temperature in Celsius and relative humidity percentage, along with a comfort level icon.



Abb. ähnlich

**Figure 2:** Alternate view of the TFA 30.5027.02 showing different temperature and humidity readings, demonstrating the device's clear digital display.

### Key Features:

- Digital display for temperature (°C) and humidity (% RH)
- Ultra-flat design with high-gloss finish
- Comfort level indicator (smiley icon)
- Maximum and minimum value memory function
- Wall mountable

## 5. SETUP

---

### 5.1 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Remove the cover by sliding or gently prying it open.
3. Insert one CR2 Lithium battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover securely.
5. The device display should activate, showing current temperature and humidity readings.

### 5.2 Initial Placement

For accurate readings, place the thermometer/hygrometer in a location free from direct sunlight, drafts, or heat sources. The device can be placed on a flat surface or mounted on a wall using the integrated mounting hole on the back.

- **Wall Mounting:** Use a small screw (not included) suitable for your wall type. Hang the device securely.
- **Tabletop Placement:** Ensure the device is stable on a flat, level surface.

## 6. OPERATING INSTRUCTIONS

---

### 6.1 Display Overview

The large digital display shows two main values:

- **Upper Display:** Current temperature in degrees Celsius (°C).
- **Lower Display:** Current relative humidity in percentage (% RH).
- **Comfort Level Indicator:** A small icon (e.g., a smiley face) indicates the current indoor climate comfort level based on temperature and humidity.

### 6.2 Max/Min Function

The device records the maximum and minimum temperature and humidity values measured since the last reset. To access these values:

1. Press the **MAX/MIN** button (if present, typically on the back or side). The display will show the maximum recorded temperature and humidity.
2. Press the **MAX/MIN** button again to view the minimum recorded temperature and humidity.
3. Press the **MAX/MIN** button a third time to return to current readings.

To reset the MAX/MIN values, press and hold the **MAX/MIN** button for a few seconds while viewing the MAX or MIN values. The memory will clear, and new maximum and minimum values will begin recording from that point.

### 6.3 Comfort Level Indicator

The comfort level indicator provides a quick visual reference for indoor climate conditions:

- **Happy Face:** Indicates optimal comfort (e.g., 20-25°C and 40-70% RH).
- **Neutral Face:** Indicates acceptable but not optimal conditions.
- **Sad Face:** Indicates uncomfortable conditions (e.g., too dry, too humid, too hot, or too cold).

*Note: Specific ranges for comfort levels may vary slightly by model. Refer to the device's display for the exact icon representation.*

## 7. MAINTENANCE

---

### 7.1 Cleaning

Clean the device with a soft, slightly damp cloth. Do not use abrasive cleaning agents, solvents, or alcohol, as these can damage the surface and display.

### 7.2 Battery Replacement

When the battery power is low, a low battery indicator (if available) will appear on the display. Replace the battery as follows:

1. Open the battery compartment cover on the back of the device.
2. Remove the old CR2 Lithium battery.

3. Insert a new CR2 Lithium battery, observing the correct polarity (+/-).
4. Close the battery compartment cover.

*Note: After battery replacement, the device may reset, and MAX/MIN values will be cleared.*

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or faint display	Battery is dead or incorrectly inserted.	Replace the battery with a new CR2 Lithium battery, ensuring correct polarity.
Inaccurate readings	Device is placed in an unsuitable location (e.g., near a window, heat source, or vent).	Relocate the device to a stable indoor environment away from direct influences. Allow 15-30 minutes for readings to stabilize.
Comfort indicator always shows the same face	Environmental conditions are consistently outside or within a specific comfort range.	This indicates the device is functioning correctly. Adjust your indoor environment if desired.

## 9. SPECIFICATIONS

**Model Number:** 30.5027.02

**Brand:** TFA

**Color:** White

**Product Dimensions (L x W x H):** 10 x 1.2 x 8.2 cm (3.94 x 0.47 x 3.23 inches)

**Item Weight:** 70 Grams (2.47 ounces)

**Battery:** 1 x CR2 Lithium (included)

**Mounting Type:** Wall Mount

**Operational Humidity Range:** 20% to 95% RH

**Upper Rated Temperature:** 50°C (122°F)

**Temperature Accuracy:** ±1°C







**Temperature Reading Accuracy:** ±1°C

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the terms and conditions provided by your retailer or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

**Manufacturer:** TFA Dostmann GmbH & Co. KG

For further assistance, please visit the official TFA website or contact their customer service department.

	<p><a href="#">TFA Digital Thermo-Hygrometer Manual</a></p> <p>Instruction manual for the TFA Digital Thermo-Hygrometer, covering setup, operation, features, troubleshooting, and disposal. Includes specifications and safety information.</p>
	<p><a href="#">TFA Klima BEE Thermo-Hygrometer User Manual and Specifications</a></p> <p>Comprehensive user manual and technical specifications for the TFA Klima BEE Thermo-Hygrometer, covering operation, safety, troubleshooting, and product details.</p>
	<p><a href="#">TFA Digital Thermo-Hygrometer Instruction Manual</a></p> <p>Comprehensive instructions for the TFA Digital Thermo-Hygrometer, covering setup, operation, comfort levels, and disposal. Learn how to use the device for various environments including home climate, musical instruments, terrariums, and humidors.</p>
	<p><a href="#">TFA 30.5033 Digital Thermo-Hygrometer: User Manual and Features</a></p> <p>This document provides comprehensive instructions for the TFA 30.5033 Digital Thermo-Hygrometer. It covers device features, setup, operation, safety precautions, troubleshooting, and technical specifications, ensuring optimal use for monitoring indoor temperature and humidity.</p>
	<p><a href="#">TFA Marbella Wireless Pool Thermometer 30.3066 User Manual</a></p> <p>Comprehensive user manual for the TFA Marbella wireless pool thermometer (model 30.3066). Learn about setup, operation, features, and troubleshooting for accurate pool temperature monitoring.</p>
	<p><a href="#">TFA Digital Thermo-Hygrometer 30.5033 Instruction Manual</a></p> <p>User guide for the TFA Digital Thermo-Hygrometer (Model 30.5033), covering setup, operation, features like temperature/humidity monitoring, time, alarm, and safety instructions from TFA Dostmann.</p>