TFA 30.5011

TFA Digital Comfort Control Thermo-Hygrometer

Model: 30.5011

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TFA Digital Comfort Control Thermo-Hygrometer Model 30.5011. This device is designed to monitor indoor temperature and humidity levels, display dew point, and alert you to potential mold risk, helping you maintain a comfortable and healthy indoor environment.

SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Keep batteries out of reach of children. Dispose of used batteries properly according to local regulations.
- Remove batteries if the device will not be used for an extended period to prevent leakage.

PACKAGE CONTENTS

Please check that all items are present and in good condition:

- TFA Digital Comfort Control Thermo-Hygrometer (Model 30.5011)
- Detachable Stand
- Instruction Manual (this document)

Note: 2 AA batteries are required for operation and may be included depending on the retailer.

DEVICE OVERVIEW

The TFA Digital Comfort Control Thermo-Hygrometer features a clear display and intuitive controls for monitoring your indoor climate.

Image: The TFA Digital Comfort Control Thermo-Hygrometer (Model 30.5011) shown on a table, displaying current humidity (69%), temperature (18.1°C), and dew point (10.0°C). A red indicator light for mold risk is visible.

Front Display:

- **Humidity Display:** Shows current relative humidity in percentage (%).
- **Temperature Display:** Shows current temperature in Celsius (°C) or Fahrenheit (°F).
- **Dew Point Display:** Shows the dew point temperature.
- **Mold Risk Indicator:** A visual alarm (flashing light) and optional audio alarm indicate when humidity levels exceed a set threshold, signaling a risk of mold formation.
- **MIN/MAX Indicator:** Shows minimum or maximum recorded values.

Back/Side Controls:

- **MIN/MAX Button:** Press to view minimum/maximum recorded temperature, humidity, and dew point. Press and hold to reset these values.
- **°C/°F Button:** Switch between Celsius and Fahrenheit temperature display.

- **SET Button:** Used to enter settings mode for mold alarm thresholds and audio alarm.
- **Battery Compartment:** Located on the back, for 2 AA batteries.
- **Stand Slot:** For attaching the detachable stand.

SETUP

1. Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide or unclip the cover to open the compartment.
3. Insert two (2) AA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover securely.
5. The device will power on automatically and begin displaying current temperature and humidity.

2. Placement

Place the thermo-hygrometer on a flat surface using its detachable stand. For accurate readings, choose a location away from direct sunlight, heat sources, air conditioning vents, and areas with high airflow. Avoid placing it near windows or doors where external conditions might influence readings.

OPERATING INSTRUCTIONS

Viewing Minimum and Maximum Values

- Press the **MIN/MAX** button once to display the maximum recorded temperature, humidity, and dew point since the last reset.
- Press the **MIN/MAX** button again to display the minimum recorded values.
- Press the **MIN/MAX** button a third time to return to current readings.
- To reset the MIN/MAX values, press and hold the **MIN/MAX** button for approximately 3 seconds while viewing either MIN or MAX values. The display will flash, indicating the values have been reset.

Changing Temperature Unit (°C/°F)

Press the **°C/°F** button located on the back or side of the device to switch between Celsius and Fahrenheit temperature units.

Setting Mold Alarm Thresholds and Audio Alarm

The device features a visual and optional audio alarm to indicate high humidity levels that could lead to mold growth. The threshold can typically be set to 55%, 60%, or 65% relative humidity.

1. Press and hold the **SET** button for approximately 3 seconds to enter the alarm setting mode.
2. The current humidity threshold will flash. Use the **MIN/MAX** button to cycle through available thresholds (e.g., 55%, 60%, 65%).
3. Press **SET** again to confirm the humidity threshold and move to the audio alarm setting.
4. Use the **MIN/MAX** button to toggle the audio alarm ON or OFF.
5. Press **SET** one more time to save your settings and exit the alarm setting mode.

When the humidity exceeds the set threshold, the red mold risk indicator light will flash. If the audio alarm is enabled, it will also sound.

Maintenance

Cleaning

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the display or casing. Ensure no moisture enters the device.

Battery Replacement

When the battery indicator appears on the display, replace the batteries promptly. Follow the battery installation steps outlined in the Setup section. Always replace both batteries at the same time with new AA batteries.

Troubleshooting

Problem	Possible Cause	Solution
No display or faint display	Dead or incorrectly installed batteries.	Replace batteries with new AA batteries, ensuring correct polarity.
Inaccurate readings	Device placed in an unsuitable location (e.g., near heat source, direct sunlight, vent).	Relocate the device to a stable indoor environment away from extreme conditions. Allow time for readings to stabilize.
Mold alarm constantly flashing/sounding	High humidity in the environment; alarm threshold set too low.	Ventilate the room to reduce humidity. Adjust the mold alarm threshold to a higher percentage if desired (refer to "Setting Mold Alarm Thresholds").
MIN/MAX values not resetting	Button not held long enough.	Ensure you press and hold the MIN/MAX button for approximately 3 seconds while viewing MIN or MAX values.

Specifications

- **Model:** 30.5011
- **Brand:** TFA
- **Temperature Range:** -10°C to 60°C (14°F to 140°F)
- **Relative Humidity Range:** 1% to 99%
- **Power:** 2 x AA batteries (1.5V)
- **Dimensions:** 3.74 x 0.98 x 3.74 inches (9.5 x 2.5 x 9.5 cm)
- **Weight:** 3.17 ounces (90 grams)
- **Mounting Type:** Tabletop

Warranty and Support

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.