

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [ThermoPro](#) /

› [ThermoPro TP200B Digital Indoor/Outdoor Thermometer User Manual](#)

ThermoPro TP200B

ThermoPro TP200B Digital Indoor/Outdoor Thermometer User Manual

Model: TP200B | Brand: ThermoPro

1. INTRODUCTION

The ThermoPro TP200B is a digital indoor/outdoor thermometer designed to monitor temperature and humidity levels in your environment. This manual provides detailed instructions for setting up, operating, and maintaining your device to ensure accurate readings and optimal performance.

2. PACKAGE CONTENTS

- 1 x ThermoPro TP200B Main Unit (Indoor Display)
- 1 x Outdoor Temperature Sensor (Wireless)
- 5 x AAA Batteries (included)
- 1 x User Manual

3. KEY FEATURES

- **Large Backlit Display with Large Digits:** Features a 3.3-inch LCD display with large digits for easy readability, even in low light conditions.
- **Max/Min Records:** Stores and displays maximum and minimum temperature and humidity records for the past 24 hours.
- **Color Air Comfort Indicator:** A visual indicator with an arrow shows current air conditions (Dry/Comfort/Wet), allowing for environmental adjustments.
- **Highly Accurate Readings:** Equipped with a premium sensor for precise temperature and humidity measurements, accurate to $\pm 2^{\circ}\text{F}$ and $\pm 2\text{-}3\%\text{RH}$.
- **User-Friendly Design:** Easily adjust settings with three front-facing buttons.
- **Multiple Placement Options:** Can be wall-mounted, placed on a tabletop, or attached via magnetic back.

Large Backlit LCD Display with Front Facing Buttons



°F/°C Selector



Backlight

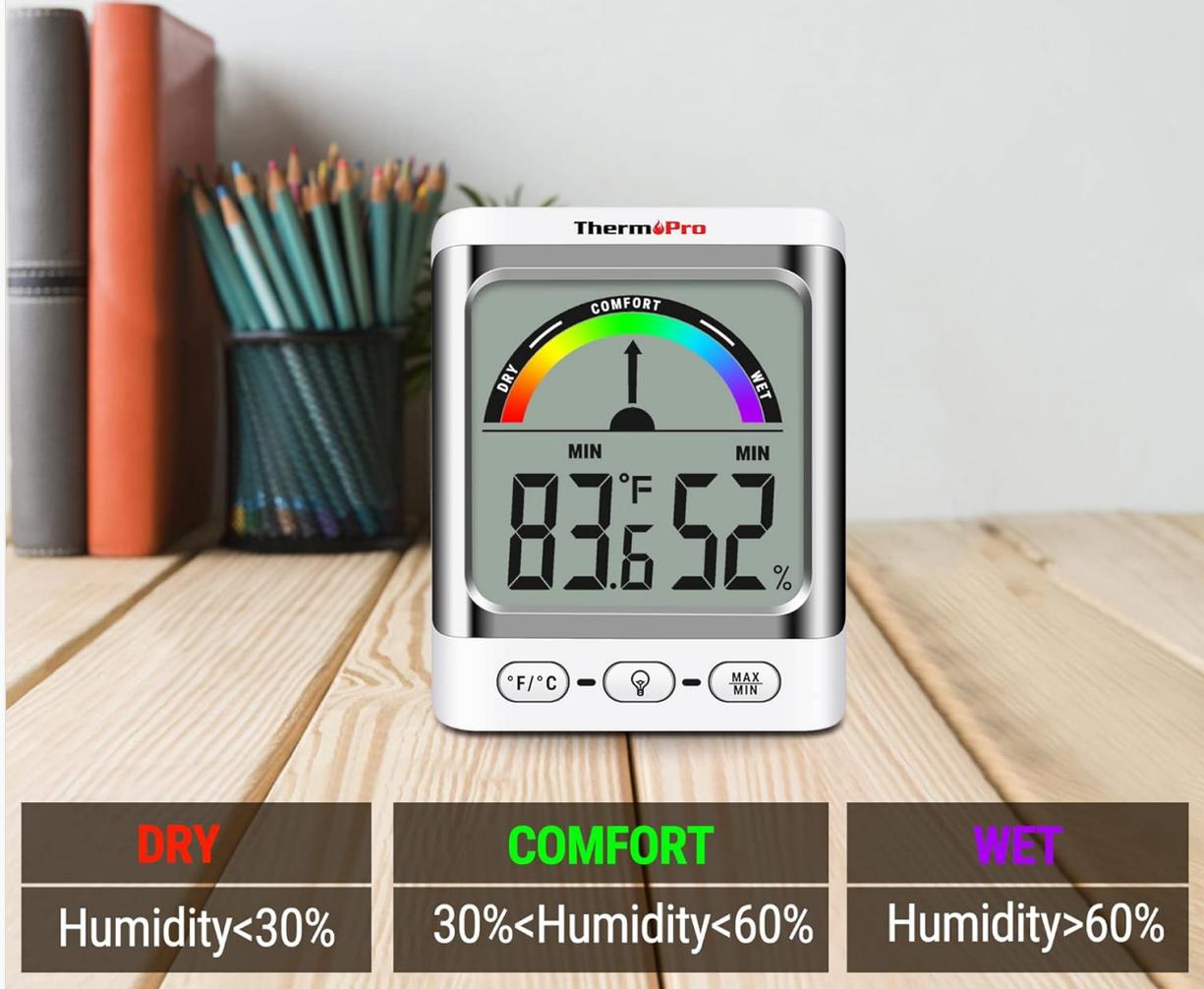


Max/Min

Image: The ThermoPro TP200B main unit display, highlighting the large digits, comfort indicator, and the three control buttons: °F/°C selector, Backlight, and Max/Min.

Colored Air Comfort Indicator

Arrow indicates humidity level



DRY

Humidity < 30%

COMFORT

30% < Humidity < 60%

WET

Humidity > 60%

Image: A close-up of the ThermoPro TP200B display, illustrating the colored comfort indicator that visually represents dry (humidity < 30%), comfort (30% < humidity < 60%), and wet (humidity > 60%) conditions.

4. SETUP

1. Battery Installation:

- Open the battery compartment on the back of both the main unit and the outdoor sensor.
- Insert the provided AAA batteries, ensuring correct polarity (+/-).
- Close the battery compartments securely.

2. Sensor Placement:

- Place the outdoor sensor in a location that is protected from direct sunlight and precipitation for accurate readings.
- Ensure the sensor is within the 500ft wireless range of the main unit.

3. Main Unit Placement:

- The main unit can be placed on a tabletop using its integrated stand, mounted on a wall, or attached to a metallic surface via its magnetic back.
- Position the main unit in a central location indoors for optimal signal reception from the outdoor

sensor.



Image: Examples of flexible placement options for the ThermoPro TP200B, including wall mounting, magnetic attachment to a refrigerator, and freestanding on a countertop.

5. OPERATING INSTRUCTIONS

5.1 Display Overview

The large LCD display shows indoor temperature, humidity, and the comfort level indicator. The outdoor temperature is displayed from the wireless sensor.

5.2 Button Functions

- **°F/°C Button:** Press to switch between Fahrenheit and Celsius temperature units.
- **Backlight Button:** Press to activate the backlight for 15 seconds, improving visibility in dim conditions.
- **MAX/MIN Button:** Press to view the maximum and minimum temperature and humidity recorded over the past 24 hours. Press again to cycle through current, MAX, and MIN readings. Hold to reset MAX/MIN records.



Records **Max/Min** Humidity & Temp for Last 24 Hours

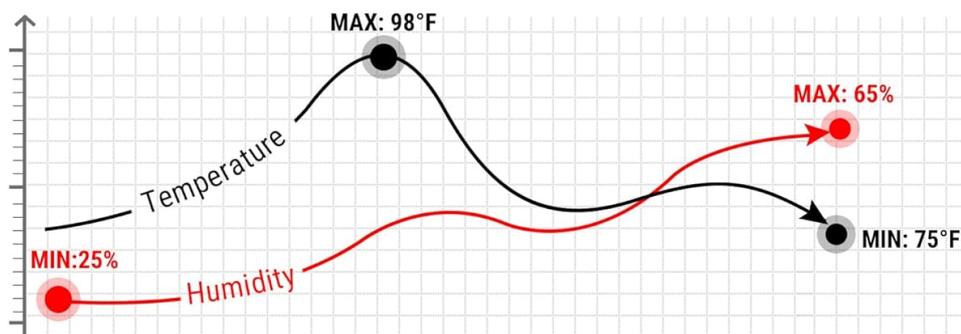


Image: The ThermoPro TP200B displaying maximum and minimum temperature and humidity values, accompanied by a conceptual graph showing how these values fluctuate over a 24-hour period.

6. MAINTENANCE

- **Cleaning:** Wipe the unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or immerse in water.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Ensure to use fresh AAA batteries.
- **Storage:** If storing the device for an extended period, remove the batteries to prevent leakage.

7. TROUBLESHOOTING

- **No Display/Low Battery Indicator:** Replace all batteries in both the main unit and the outdoor sensor.
- **Inaccurate Readings:**
 - Ensure the outdoor sensor is not in direct sunlight or exposed to extreme weather conditions.
 - Verify the main unit and sensor are within effective range and not obstructed by thick walls or electronic interference.

- Allow both units to stabilize for 30 minutes after initial setup or battery replacement.

- **No Signal from Outdoor Sensor:**

- Relocate the main unit or sensor closer to each other.
- Check batteries in both units.
- Reset the connection by removing batteries from both units, waiting a few minutes, then reinserting them.

8. SPECIFICATIONS

Feature	Detail
Model Name	TP200B
Brand	ThermoPro
Special Feature	High Accuracy
Color	White
Display Type	Digital
Power Source	Battery Powered (5 AAA batteries included)
Temperature Accuracy	±2°F (±1.1°C)
Humidity Accuracy	±2% from 30% to 80% RH; ±3% outside this range
Response Time	0.5 seconds
Item Weight	4.2 ounces
Item Length	3.9 Inches

Temperature tolerance: $\pm 2^{\circ}\text{F}$ ($\pm 1.1^{\circ}\text{C}$)

**Humidity tolerance: $\pm 2\%$ from 30% to 80%;
 $\pm 3\%$ out of the 30% to 80% range**



Image: Multiple ThermoPro TP200B units demonstrating consistent temperature and humidity readings, highlighting the specified accuracy tolerances of $\pm 2^{\circ}\text{F}$ ($\pm 1.1^{\circ}\text{C}$) for temperature and $\pm 2\%$ RH (30-80% range) for humidity.

Large, Compact Display Provides easy readability

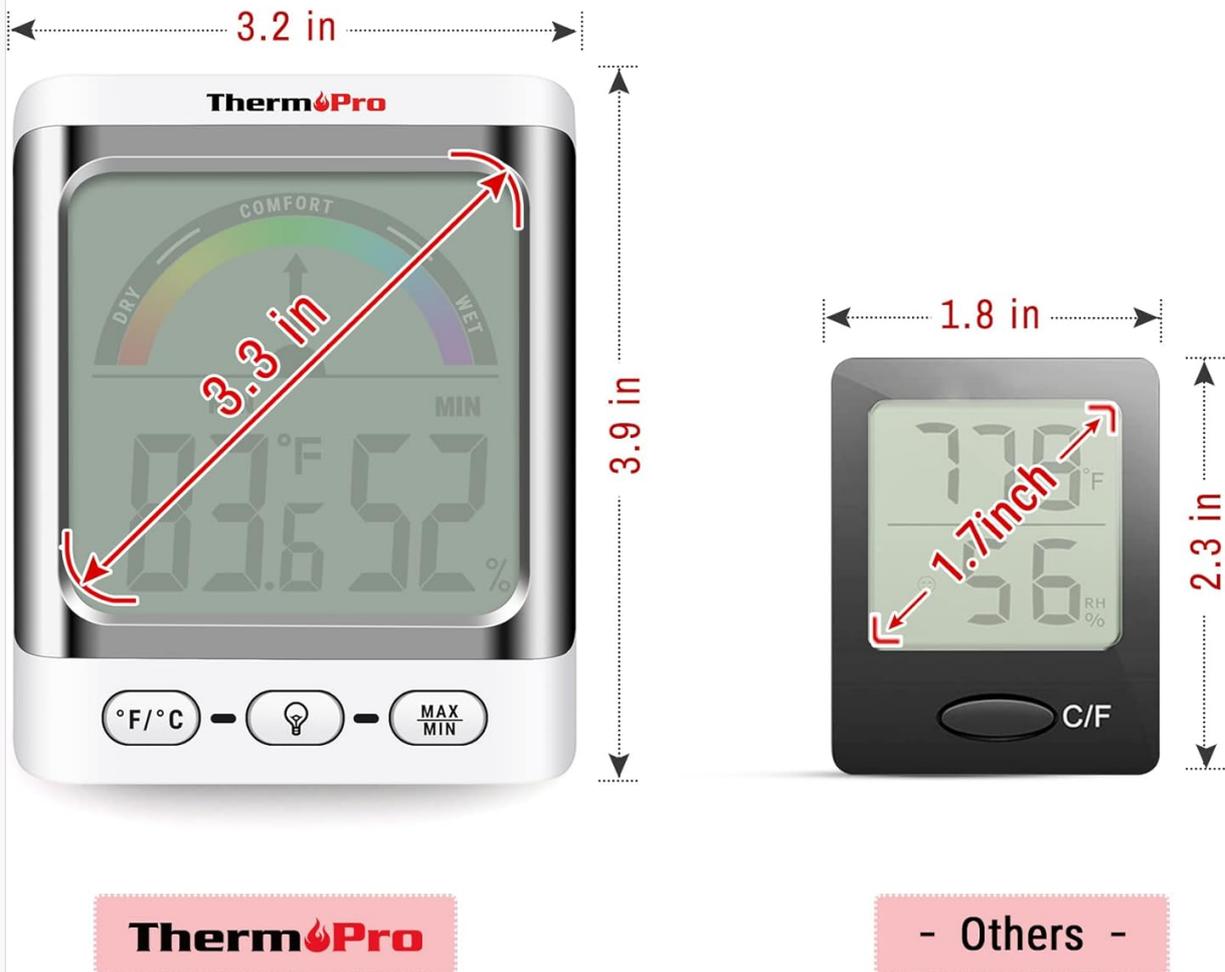


Image: A visual comparison showcasing the large, compact display of the ThermoPro TP200B (3.3 inches) next to a smaller, generic thermometer (1.7 inches), emphasizing its enhanced readability.

9. WARRANTY AND SUPPORT

ThermoPro provides a warranty for this product against defects in materials and workmanship. For detailed warranty information, product registration, or technical support, please visit the official ThermoPro website or contact their customer service. Keep your purchase receipt as proof of purchase.

Official ThermoPro Website: www.thermopro.com