

RHT27BT Bluetooth Hygro-Thermometer

High-precision digital sensor for temperature and humidity

Key Features

Bluetooth Connectivity

4.2 BLE with 98.4ft (30m) range (open environment)

Display

Clear LCD with °F/°C switchable units

Visual Alerts

Comfort level indicator with icon display

Power

Ultra-low power consumption — 1-year battery life with 2x AAA batteries (Bluetooth off)

Battery Level

Low battery indicator icon on screen

Mobile App Support

MeterRead mobile app for real-time data display, recording, and sharing

Compact

Lightweight design 2.6 x 2.6 x 0.8", 2.5oz (66 x 66 x 20mm, 70g)

Optional Model

Complete with Certificate of Traceability to N.I.S.T.

Includes

Comes complete with 2 × 1.5V AAA batteries



Applications

- Monitoring indoor climate in homes, offices, or labs
- Data logging for temperature and humidity trends
- Smart home environmental control systems
- HVAC system diagnostics and comfort level assessments
- Warehousing and storage condition monitoring

Users

- HVAC technicians
- Home automation enthusiasts
- Facility maintenance personnel
- Indoor environmental quality specialists
- Health-conscious consumers

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The RHT27BT Thermometer and Hygrometer was designed with bluetooth connectivity and mobile app support for real-time data display. It's compact and lightweight making it a convenient option for data logging for temperature and humidity trends.

Specifications

Temperature Range	32 to 120°F (0 to 50°C)
Temperature Resolution	0.1°C
Temperature Accuracy	±1°C
Humidity Range	0% to 99% RH
Humidity Resolution	0.1% RH
Humidity Accuracy	±5% RH (10% to 90% RH)
Power Supply	2 × 1.5V AAA batteries
Battery Life	Up to 1 year (with Bluetooth off)
Wireless Connectivity	Bluetooth 4.2 BLE
Communication Range	Up to 98.4ft (30m) open environment
Display	LCD with comfort icon and unit symbols
Mobile App	MeterRead (iOS/Android)
Product Dimensions	2.6 x 2.6 x .8" (66 × 66 × 20mm)
Net Weight	2.5oz (70g)

Ordering Information:

RHT27BT Bluetooth Hygro-Thermometer

RHT27BT-NIST RHT27BT including Certificate of Traceability to N.I.S.T.

What's in the Box?

- RHT27BT
- 2 × 1.5V AAA batteries

