The HOBO Wireless Temperature/Relative Humidity Monitoring Kit makes environmental monitoring fast, cost-effective, and convenient. Monitor critical conditions in real time, log data for trend analysis, and stay notified of alarm conditions via text or email – all without the hassles of wires or manual data offload.

The kit provides convenient options for accessing your data, and includes everything you need to get set up in minutes.

Key Advantages:
- Fast, easy set up straight out of the box
- Centralized monitoring straight from the desktop
- Alarm notifications via text or email
- Automated data delivery to remote locations via FTP
- Flexible design that makes adding sensors easy
HOBO KIT-ZW-TRH Specifications

ZW-003 Temperature/Relative Humidity (RH) Data Node Specifications:

**Buffer memory:** approx. 4k measurements

**Sample rate:** 1 min to 18 hrs

**Transmission rate:** 2 min and greater

**Power options:** AC power adapter, battery backup

**Measurement range:**
- **Temp:** -20 to 70°C (-4 to 158°F) when line powered, -20 to 50°C (-4 to 122°F) when battery powered.
- **RH:** 5 to 95% RH

**Accuracy:**
- **Temp:** ±0.54°C typical over 0 to 50°C (±0.97°F over 32 to 122°F) when line powered, ±0.21°C over 0 to 50°C (±0.38°F over 32 to 122°F) when battery powered.
- **RH:** ± 2.5% from 10 to 90% typical, max. +/- 3.5%

**Operating Range:**
- **Temp:** -20 to 50°C (-4 to 122°F) when battery powered, -20 to 70°C (-4 to 158°F) when line powered.
- **RH:** 5%-95% non-condensing

**Resolution:**
- **Temp:** 0.02°C @ 25°C (0.04°F @ 77°F)
- **RH:** 0.03%

**Response Time:**
- **Temp:** 5 min. in air moving 1 m/sec
- **RH:** 10 min. in air moving 1 m/sec

**Range:** Approx. 100m (300ft.) depending on obstructions or interference

**Weight:** 138g (4.87 oz) with batteries

**Dimensions:** 96.5 x 108 x 28mm (3.8 x 4.25 x 1.1 in)

**Radio power:** 1.6 mW (2 dBm)

**Wireless data standard:** IEEE802.15.4 2.4 GHz band

The CE Marking identifies this product as complying with all relevant directives in the European Union (EU)

Data Receiver - ZW-RCVR Specifications

**Buffer memory:** up to 96k measurements

**Sample rate:** N/A

**Transmission rate:** N/A

**Power options:** AC power adapter (Onset p/n AC-ZW-2 (US) or AC-ZW-3 (EU); via USB cabled to PC; (3) alkaline AAA batteries included.

**Range:** Approx. 100 m (300 ft.) depending on obstructions or interference

**Weight:** 138g (4.87 oz.) w/ batteries

**Size:** 96.5 x 108 x 28 mm (3.8 x 4.25 x 1.1 in.)

**Max # of nodes supported:** 100

**Radio power:** 1.6 mW (2 dBm)

**Wireless data standard:** IEEE 802.15.4 2.4 GHz band

The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).
Contact Us

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