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> Thermco 30515 Digital Temperature and Humidity Monitor User Manual

Thermco 30515

Thermco 30515 Digital Temperature and Humidity Monitor User Manual

Your guide to setting up, operating, and maintaining your Thermco 30515 monitor.

PRODUCT OVERVIEW

The Thermco 30515 is a digital temperature and humidity monitor designed for accurate environmental monitoring in various indoor settings. It features a clear dual display for current, minimum, and maximum readings, selectable temperature units, and versatile mounting options.



Image: Front view of the Thermco 30515 Digital Temperature and Humidity Monitor, showing its dual display.

Key Features:

- **Dual Display:** Shows current, minimum, and maximum readings for both temperature and humidity.
- **Temperature Range:** -10°C to 70°C (+14°F to 158°F).
- **Temperature Accuracy:** $\pm 1^\circ\text{C}$ ($\pm 1.8^\circ\text{F}$).
- **Humidity Range:** 20% to 100% RH.
- **Humidity Accuracy:** $\pm 4\%$ RH within 25% to 75% RH range.
- **Selectable Units:** Switch between Celsius ($^\circ\text{C}$) and Fahrenheit ($^\circ\text{F}$).
- **Mounting Options:** Includes a flip-out stand for desk use and a hanging feature for wall mounting.
- **Low Battery Indicator:** Alerts when battery replacement is needed.

SETUP

1. Battery Installation

The Thermco 30515 requires one 1.5V AAA battery (not included). Follow these steps to install the battery:

1. Locate the battery compartment cover on the back of the unit.
2. Slide or unclip the cover to open the compartment.
3. Insert one 1.5V AAA battery, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover securely.

2. Placement and Mounting

Choose a suitable location for your monitor. Avoid placing it in direct sunlight, near heat sources, or in areas with extreme drafts, as this can affect accuracy.

- **Desk Placement:** Extend the flip-out stand located on the back of the unit to place it on a flat surface.
- **Wall Mounting:** Use the hanging hole on the back of the unit to mount it on a wall hook or screw.

OPERATING INSTRUCTIONS

1. Power On/Off

The device powers on automatically once the battery is installed. There is no manual power on/off switch. To turn off, remove the battery.

2. Reading the Display

The monitor features a dual display:

- The top section displays the current temperature and humidity.
- The bottom section displays the minimum (MIN) and maximum (MAX) recorded temperature and humidity since the last reset.

3. Switching Temperature Units (°C/°F)

To switch between Celsius and Fahrenheit:

- Locate the °C/°F button, usually on the back or side of the unit.
- Press the button once to toggle between the two temperature units.

4. Resetting MIN/MAX Readings

To clear the recorded minimum and maximum values:

- Locate the "RESET" button, usually on the back or side of the unit.
- Press and hold the "RESET" button for approximately 3 seconds until the MIN/MAX values clear and reset to current readings.

MAINTENANCE

1. Battery Replacement

When the low battery indicator appears on the display, replace the AAA battery promptly to ensure continuous and accurate monitoring. Refer to the "Battery Installation" section under Setup for instructions.

2. Cleaning

To clean the monitor:

- Wipe the unit with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or immerse the unit in water.

3. Storage

If storing the unit for an extended period, remove the battery to prevent leakage and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or faint display	Dead or low battery; incorrect battery installation.	Replace the AAA battery. Ensure correct polarity.
Inaccurate readings	Unit placed in an unsuitable location (e.g., direct sunlight, near heat/cold sources, high drafts).	Relocate the monitor to a stable environment away from extreme conditions. Allow time for readings to stabilize.
MIN/MAX values not resetting	RESET button not pressed long enough.	Press and hold the "RESET" button for approximately 3 seconds.

SPECIFICATIONS

Feature	Detail
Model Number	30515
Temperature Range	-10°C to 70°C (+14°F to 158°F)
Temperature Accuracy	±1°C (±1.8°F)
Humidity Range	20% to 100% RH
Humidity Accuracy	±4% RH (25% to 75% RH)
Power Source	1 x 1.5V AAA Battery (not included)
Display	Dual display for current, MIN/MAX temperature and humidity
Mounting Options	Flip-out stand, Hanging feature
Special Features	Selectable °C/°F, Low Battery Indicator, Alarm
Recommended Use	Laboratory, Indoor environmental monitoring

WARRANTY INFORMATION

Warranty information for the Thermco 30515 Digital Temperature and Humidity Monitor was not provided

in the product data. Please refer to the retailer or manufacturer's website for details regarding warranty coverage.

SUPPORT

For further assistance or technical support regarding your Thermco 30515 Digital Temperature and Humidity Monitor, please contact the retailer or manufacturer directly. Contact details were not available in the provided product information.