

Caliber IV™

Digital Hygrometer/Thermometer

User Manual

Thank you for purchasing the Caliber IV™ digital hygrometer and thermometer. We are certain that you will find that this is the most dependable and accurate unit available in the consumer market. To maintain your hygrometer in optimal working order, we recommend that you review this manual thoroughly to understand how to use the advanced features of the Caliber IV™.

Product Features

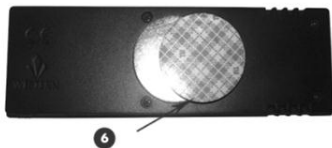
FRONT



TOP



BOTTOM



- | | |
|-------------------------|------------------------------|
| 1. Display | 4. Fahrenheit/Celcius Switch |
| 2. Set Button | 5. Battery Tray |
| 3. Min/Max/Clear Button | 6. Magnet Mount |

Getting Started

1. Remove the plastic tab sticking out of the battery tray. This will activate the display and begin the collection of readings.
2. Mount the unit onto the desired location. The best location is in a central area where the airflow to the unit will not be blocked. To attach the magnet mount to a surface, first ensure that the surface is clean and free of any dust or other debris. For best results, use an alcohol swab to clean the area where the adhesive will be applied. Remove the backing paper from the adhesive disc on the back of the magnet and apply firm pressure to hold the magnet in place for about 30 seconds. Allow the adhesive to dry for at least 24 hours before attaching the hygrometer.

Min/Max Recording and Display

The Caliber IV™ will record the minimum and maximum values for both humidity and temperature. To view the maximum values, press the Min/Max/Clear button one time. The maximum value will be displayed with the word MAX at the top right of the temperature reading.

To view the minimum values, press the Min/Max/Clear button two times. The minimum value will be displayed with the word MIN at the top right of the humidity reading.

To reset the values, while viewing either the MAX or MIN value, press and hold the Min/Max/Clear button for about 5 seconds. When the display shows empty values, that MAX or MIN value has been reset. Both values are reset independently. Removing or replacing the battery will also reset both the minimum and maximum values.

Calibrating the Humidity Display

1. Test the humidity display settings by placing the unit next to another unit that is known to be accurate or by using the Boveda One-Step Calibration Kit for at least 24 hours without disturbing the environment*.
2. Determine the amount of calibration needed by taking the display value and subtracting the expected value**. For example, if you are expecting 70% but your unit displays 71%, the amount of calibration needed is $71 - 70 = +1\%$.
3. Press the Set button for 3 seconds to place the unit into calibration mode.
4. In calibration mode, you will see the current adjustment setting flashing on the display. If this is the first time you are calibrating your unit, it will show 0%. If you have already calibrated the unit previously, you will see the current adjustment.
5. Press the Min/Max/Clear button to adjust the display based on your calibration. Pressing the button once will change the adjustment by 1%. The adjustment range is +/-6% in the following sequence: 0, +1, +2, +3, +4, +5, +6, -6, -5, -4, -3, -2, -1, 0.
6. When you have completed your adjustment, press the Set button one more time and it will take the unit out of calibration mode. If you leave the unit in calibration mode for more than one minute without pressing any buttons, the unit will automatically will change back to operations mode.

* We recommend the Boveda One-Step Calibration Kit over other testing methods. In no case do we recommend using the salt test. This test is not accurate and can damage and void the warranty on your Caliber IV™.

** The Caliber IV™ can be adjusted +/- 6%. If you find the unit is more than 6% out of calibration, please call us so that we can troubleshoot with you or have you send it back for a factory calibration.

Restoring Factory Calibration

To restore your Caliber IV™ back to factory calibration, simply follow the calibration instructions above and adjust the display back to 0%. This will restore the unit back to factory calibration.

Limited Warranty

The Caliber IV™ is covered by a limited warranty against defects from materials or workmanship for a full 2 Years from the date of purchase. Any misuse or excessive wear and tear is not covered under the limited warranty. Keep your receipt in a secure location as proof of purchase.

Contact Information

If you have any questions or warranty inquiries please call us directly at 877-627-4798 or email info@westernhumidor.com.

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