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› Gardenmate Analog 3-in-1 Weather Station User Manual (Model 4260313265169)

**GardenMate 4260313265169**

# Gardenmate Analog 3-in-1 Weather Station User Manual

Model: 4260313265169

## INTRODUCTION

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This manual provides instructions for the Gardenmate Analog 3-in-1 Weather Station. This device accurately measures atmospheric pressure (barometer), ambient temperature (thermometer), and relative humidity (hygrometer) without requiring batteries. Its classic design with a stainless steel frame makes it suitable for various indoor or outdoor settings.



Image: Front view of the Gardenmate Analog 3-in-1 Weather Station, displaying its three measurement dials for barometric pressure, temperature, and humidity.

## SETUP

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### 1. Unpacking and Components

Carefully remove the weather station from its packaging. Verify that all components are present:

- Gardenmate Analog 3-in-1 Weather Station
- Mounting kit (screw and wall plug)
- Adjustment key for barometer calibration



Image: The Gardenmate Analog 3-in-1 Weather Station shown alongside its included mounting screw, wall plug, and barometer adjustment key.

## 2. Mounting

The weather station is designed for wall mounting. Choose a location that is protected from direct sunlight and extreme temperature fluctuations for optimal accuracy.

1. Mark the desired mounting spot on the wall.
2. Drill a hole suitable for the provided wall plug.
3. Insert the wall plug into the drilled hole.
4. Insert the screw into the wall plug, leaving a small portion exposed to hang the weather station.
5. Hang the weather station securely on the screw.

## 3. Barometer Calibration

For accurate barometric pressure readings, the barometer needs to be calibrated to your local atmospheric pressure. This should be done upon initial setup and can be re-checked periodically.

1. Obtain the current local atmospheric pressure from a reliable source (e.g., local weather forecast, online weather service, or another calibrated barometer).
2. Locate the small adjustment screw on the back of the weather station.

3. Using the provided adjustment key, carefully turn the screw until the barometer needle points to the correct local pressure value.
4. Gently tap the front glass of the weather station a few times to allow the needle to settle accurately.
5. Repeat steps 3 and 4 if necessary until the reading is stable and correct.

*Note: Aneroid barometers are sensitive. Slight adjustments and gentle tapping are normal for accurate calibration.*

## OPERATING THE WEATHER STATION

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The Gardenmate 3-in-1 Weather Station provides continuous, analog readings for three key weather parameters.

### 1. Reading the Barometer (BARO hPa)

- The large central dial indicates atmospheric pressure in hectopascals (hPa).
- A **rising** pressure generally indicates improving weather conditions.
- A **falling** pressure generally indicates deteriorating weather conditions.
- The barometer also features a guide needle (often a brass-colored needle) that can be manually set using the knurled screw in the center of the dial. This allows you to mark the previous pressure reading to easily observe changes over time.

### 2. Reading the Thermometer (THERMO °C)

- The lower-left dial displays the ambient temperature in degrees Celsius (°C).
- The range is typically from -20°C to 50°C.

### 3. Reading the Hygrometer (% rel.)

- The lower-right dial displays the relative humidity as a percentage (% rel.).
- The range is typically from 20% to 98%.

## MAINTENANCE

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- **Cleaning:** Wipe the stainless steel frame and plastic back with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Placement:** Ensure the weather station is not exposed to direct sunlight, extreme heat, or cold, as this can affect the accuracy of the thermometer and hygrometer.
- **Recalibration:** The barometer may require occasional recalibration if moved or if you suspect inaccurate readings. Refer to the 'Barometer Calibration' section.

## TROUBLESHOOTING

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- **Inaccurate Barometer Reading:** Ensure the barometer has been properly calibrated to your local atmospheric pressure. Gently tap the glass to allow the needle to settle.
- **Inaccurate Thermometer/Hygrometer Reading:** Verify that the weather station is placed in a location free from direct heat sources, direct sunlight, or drafts that could skew readings. Allow sufficient time for the instruments to stabilize after placement.
- **No Movement:** As an analog device, the needles move in response to environmental changes. If no movement is observed over time, ensure the device is not obstructed and is exposed to changing

conditions.

## SPECIFICATIONS

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Feature	Specification
Model Number	4260313265169
Dimensions (L x W x H)	14 x 14 x 4 cm
Weight	180 grams
Barometer Range	960 - 1060 hPa
Thermometer Range	-20°C to 50°C
Hygrometer Range	20% - 98% relative humidity
Material	Stainless steel frame, robust plastic back
Power Source	Manual operation (no batteries required)
Special Feature	Robust construction

## WARRANTY AND SUPPORT

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Warranty information for this product is not explicitly provided in the available data. For specific warranty details or technical support, please refer to the retailer or manufacturer's official website.