

LA CROSSE® TECHNOLOGY



Wi-Fi PROFESSIONAL WEATHER STATION

SET UP GUIDE

MODEL NUMBER V42 (BP73736)

Table of Contents

BASICS

Initial Setup	03-04
Station Settings	08
Buttons	08-09
Time & Calendar Display	09
LCD Display Brightness	10
Auto-Dim Settings	10

WIND

Viewing Wind Data	13
Wind Speed Records	13-14
Customizable Alerts	20

SENSORS

Wind Cup Installation	02
Placement & Mounting	21-23
Rain Sensor Cleaning	24
Add-On Sensors	25

LA CROSSE VIEW

Connecting to the App	05
Connecting Your Station	06
Adding Your Sensors to the App	06
Manually Add Sensors to the App	07
Data Stream Technology	07

RAIN

Viewing Rain Data	15-16
Days Since Last Rain	16
Auto-scroll	16
Rainfall Records	16-17
Customizable Alerts	20

APPENDIX

Specifications	26-27
Cautions & Statements	28-30
Warranty	31
Recycling & Disposal	31
Double Warranty Offer	32

FORECAST

Viewing Your Forecast Data	11-12
Viewing Extended Forecasts Data	12
Moon Phase	12
Seasonal Trees	12
Trend Arrows	12

TEMP. AND HUMIDITY

Viewing Temperature & Humidity Data	17-19
Indoor Comfort Meter	18
Temperature & Humidity Records	19
“Feels Like” Temperature	19
Customizable Alerts	20

SUPPORT

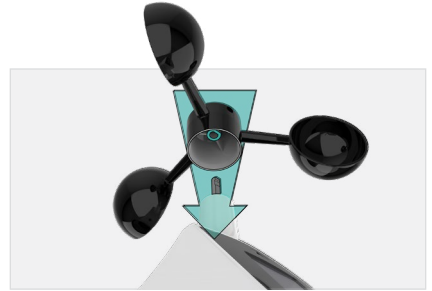
We're Here to Help	31
Factory Reset	31
Stay in Touch	31

Initial Setup

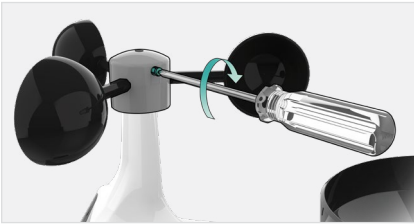
Installing the Wind Cups (if needed)



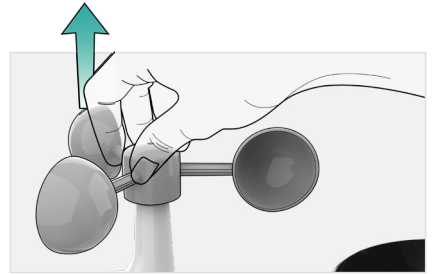
1. Remove the Cyclone Sensor, Wind Cups, and Mini Screwdriver from the package. Take note of the flat edges located on the head of the Cyclone Sensor and underside of the Wind Cups.



2. Align the flat edges and place the Wind Cups on top of the Cyclone Sensor.



3. Carefully tighten the screw on the side of the cups using the Mini Screwdriver. The screw should tighten into the flat edge of the post.

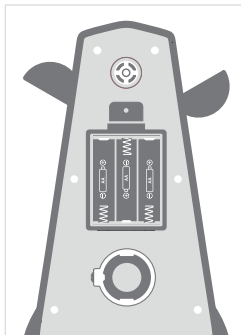


4. When the screw is tight, gently pull up on the cups to ensure they are secure. If they pull off, start again with step two.

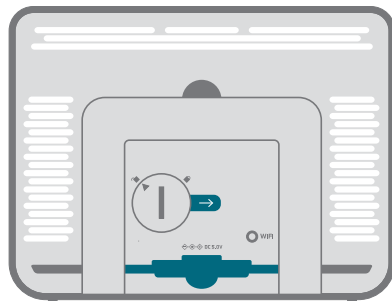
Initial Setup



Thermo-Hygro Sensor
(LTV-TH5i)



Bottom of Cyclone Sensor
(LTV-WSDR1)



Back of Station (V42)



Power Jack

Power Up

Thermo-Hygro Sensor: Install 2 fresh “AA” batteries according to polarity and replace battery cover. The blue LED light will flash when transmitting.

Cyclone Sensor: Install 3 fresh “AA” batteries according to polarity and replace battery cover.

Weather Station: Insert the 5V Power Adapter into an outlet, and then plug it into the Power Jack on the bottom of the station. Next, remove the Insulation Tab from the Station’s Battery Compartment. About 30 seconds after powering the station on, it will automatically enter the Settings Menu. See page **08** for more details.

Note: It may take up to 10 minutes for the sensor data to appear on your station’s screen.

Connecting to the App



Stay connected to your home anytime, anywhere with the La Crosse View app.

Monitor your home environment and set custom alerts to notify you when conditions change.

Connecting your station is optional and the display will function as a standalone unit without the Wi-Fi connection. However, we recommend connecting during the initial setup, as it will save you time and allows access to some advanced features right away.

Download the La Crosse View App

Visit the App Store or Google Play Store to download the free La Crosse View app onto your mobile device.

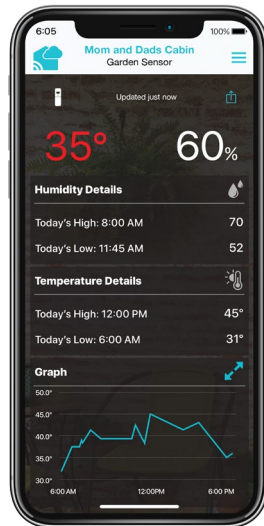
Launch the App

Open the La Crosse View app. Follow the on-screen setup instructions to create an account, add new devices, and connect your station to your Wi-Fi network.

Connecting Your Station to the App

Now that you've created your La Crosse View account, it's time to add your station into your account and connect it to your home router using the La Crosse View app.


NOTE: For the steps listed on the next page, you'll need your Wi-Fi network name (SSID) and password. Make sure your mobile device is connected to the same Wi-Fi network.



Having Trouble Connecting to Wi-Fi?

The app should guide you through the best method for your Wi-Fi network and router. However, if you have trouble connecting, please go to: bit.ly/wifi_questions or scan the QR code. This will explain additional connectivity options, including connecting by WPS or contacting our technical support team for further assistance.

Adding & Connecting Your Station to Wi-Fi

1. The La Crosse View app is required to connect the station to your Wi-Fi network. Download, install, and log into your La Crosse View account first.
2. Follow the initial app instructions or manually add the display into your account.
New User Initial Setup: When first setting up your station, the app will lead you through a series of instructions to help get your station added into your account and connected to your home Wi-Fi network.
Manually Add & Connect Display: After the initial walkthrough, stations can be added and connected via the Devices tab in the app's main menu. Simply tap the **Add Device** or **+** button at the bottom of the Devices page in the app.
3. Next, the app will prompt you to use your phone to scan the device ID barcode located on the back of the station. Please note, adding a device to your account and connecting it to Wi-Fi are two different steps. You can complete either step separately if you have any trouble.
4. When connected, the station will beep, and time and forecast information should populate on the display. The  indicator will also become solid.

Checking Your Station's Wi-Fi Status

Press the **SET** button on the top of the station to view your Wi-Fi Status.



ALL OK CONNECTED

Your station is connected to your Wi-Fi network and its data should be available on the station and in the app.



SEE APP TO CONNECT

Check the app for notifications.



NO WEATHER SERVICE

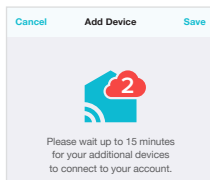
Your Internet weather and time services are not connecting. These should resolve on their own, please be patient.



LOST WIFI

Check your router and network connections.

Adding Your Sensors to the App

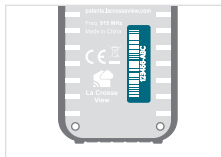
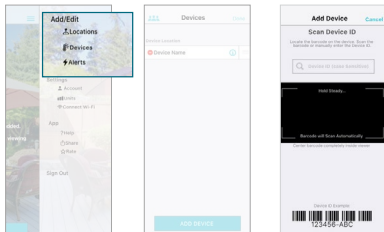


Upon getting the station connected to your Wi-Fi network, the app will explain how your connected sensor should be brought in. Within the next 15 minutes, you should receive an Add Device notification in your app. This is indicated by the Red Cloud and the numbers inside of it. Tap this icon to begin adding your sensor into the app.

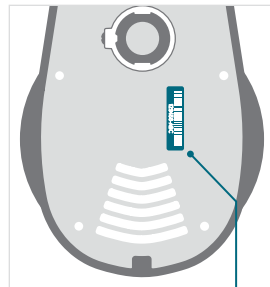
Adding Your Sensors to the App

Manually Add Your Sensors to the App*

1. Open your La Crosse View app. On the Main Menu, scroll to **ADD/EDIT** and select **DEVICES**.
2. On the Devices page, select the **ADD DEVICE** or **PLUS (+)** button.
3. Scan the Barcode on your Sensor or type in the Device ID manually.
4. Confirm the sensor image and Device ID and add a Device Name and Location Name. Select **DONE**.



▲ Back of Thermo-Hygro Sensor
Bottom of Cyclone Sensor ►



* This step is only required if you do not receive the Add Device notification within the app.

Prior to mounting/positioning your sensors, make sure your station is receiving sensor data.

Data Stream Technology®

Data Streams allow you to see additional AccuWeather information in the time & calendar section on the LCD. Learn how to set these up in our video here: bit.ly/datastream_vid



Stream Options Examples:

- UV Index
- Sunrise/Sunset Times
- Chance of Thunderstorms
- Air Quality
- Personal Message

Check the La Crosse View app for a comprehensive list of Data Stream options.

Station Settings

About 30 seconds after powering the station on, it will automatically enter the Settings Menu. Use the steps below to navigate the menu and get your station working the way you'd like.

Navigating the Settings Menu



1. To manually set language, time/date, and other settings, hold the **SET** button to enter the Settings Menu.



2. Use the **+/-** buttons on the top of the station to adjust the values.



3. Press the **SET** button to confirm your selection and move to the next setting.



4. You may exit the Settings Menu at any time by pressing the **LIGHT** button on the front of the station.

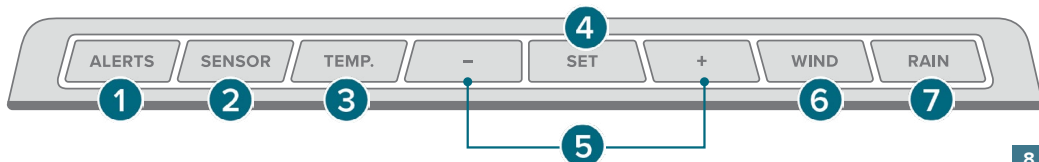
Settings Menu Order

- Greeting/HELLO
- Language (English/Spanish/French/German)
- Beep ON/OFF
- 12/24 Hour Time Format
- Hour | Minute | Year | Month | Date
- Calendar Order Month/Date or Date/Month
- Temperature Units (Fahrenheit/Celsius)
- Temperature Decimal ON/OFF
- Wind Speed Units (MPH/KPH)
- Wind Direction (Letters/Degrees)
- Rainfall (Inches or Millimeters)
- THANK YOU

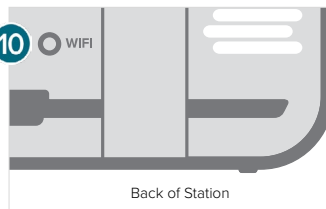
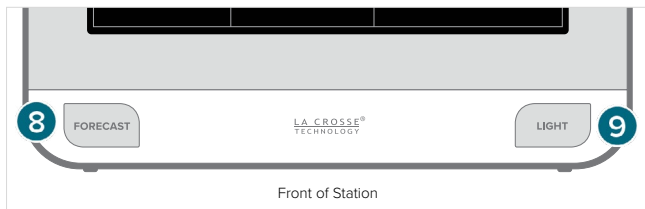
Important: Settings such as language and units of measure must be set manually within the station's Settings Menu. These are not controlled by the La Crosse View app.

- The language selected will affect menu instructions as well as weekday and month readouts.
- Weekday will set automatically after year, month, and date settings are adjusted.
- When in 24 hour time format, seconds will show in place of AM/PM markings.
- If you're connected to Wi-Fi, the time/date will automatically update from the Internet. See pages **05-07** for more info.

Buttons



Buttons



- ALERTS:** Hold to enter Alert Settings. Press to confirm and move to next item. Use the **+** or **-** buttons to arm or disarm an alert.
- SENSOR:** Press to view sensor ID numbers. While viewing, hold the **MINUS (-)** button delete the sensor.
- TEMP:** Press to view Temp. & Humidity History. While viewing, hold the **MINUS (-)** button to reset history value. Hold to search for Outdoor Sensor.
- SET:** Press to view Wi-Fi status. Hold to enter the Settings Menu.
- PLUS/MINUS (+/-):** Use to adjust values. When in Alert Settings, press to arm/disarm alert.
- WIND:** Press to view Wind Speed History. While viewing, hold the **MINUS (-)** button to reset the history value.
- RAIN:** Press to view Rain History. While viewing, hold the **MINUS (-)** button to reset the history value.
- FORECAST:** Press to see Daily or Hourly Forecast. Hold to auto-scroll forecast data.*
- LIGHT:** Press to adjust backlight or to exit settings. Hold to enter Auto-Dim settings.
- WIFI:** Press during initial setup for Wi-Fi Connection. Hold to re-enter Configuration Mode and clear previous Wi-Fi settings.

* Your display must be connected to Wi-Fi to receive Daily/Hourly forecast information.

Time & Calendar Display



- 12/24 HOUR TIME:** Time will automatically update when connected to Wi-Fi.
- WI-FI ICON (📶):** Indicates active Wi-Fi connection.
- AUTO-DIM ICON (🌙):** Indicates active Auto-Dim setting.
- LOW BATTERY INDICATOR (🔋):** Appears when station battery needs to be replaced.
- CALENDAR:** Select order (Month/Date or Date/Month) in the Settings Menu.

LCD Display Brightness



Adjusting the LCD Display Brightness

Press and release the **LIGHT** button on the front of the station to adjust the backlight intensity. There are 4 brightness levels, plus an off option.

Auto-Dim Settings

Program your display to automatically dim during preselected times.



1. Hold the **LIGHT** button to enter the Auto-Dim Settings Menu.



2. Press the **+/-** buttons to turn the Auto-Dim feature on/off. Press **LIGHT** to confirm.



3. Press the **+/-** buttons to adjust the starting hour. Press **LIGHT** to confirm.



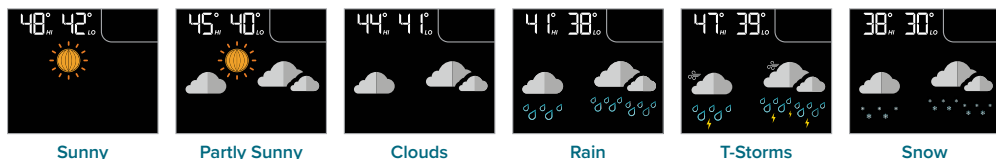
4. Press the **+/-** buttons to adjust the stopping hour. Press **LIGHT** to confirm and exit.

Note: Only the hour can be set. The Auto-Dim Icon (**AUTO DIM**) will appear on the LCD when the Auto-Dim feature is activated.

Viewing Your Forecast Data

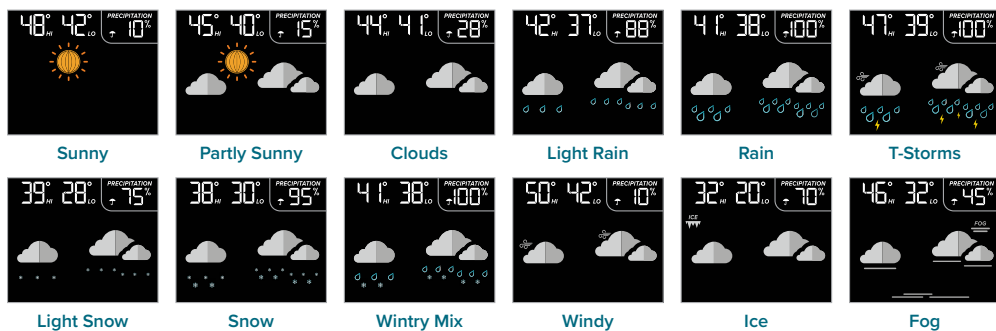
When using as a standalone station, the display uses changes in barometric pressure to predict your weather to come. This is represented by the 6 forecast scenes below. High and low temperatures will come from the Thermo-Hygro Sensor.

Watch our Forecast Icon Video for more details: bit.ly/forecast_vid



When connected to Wi-Fi, the station will receive additional weather icons, chance of precipitation values, and future forecast information. These enhanced features are powered by: AccuWeather

Additional forecast scenes include:



Note: The Forecast Icons may not represent your current weather. They are a future prediction of weather to come over the next 12 hours.

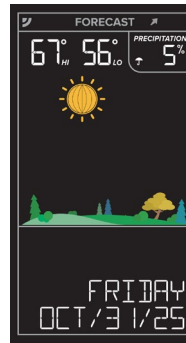
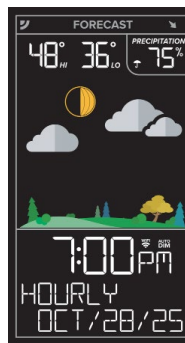
Tip: The icon will appear in the top left corner of the forecast section when your display is connected and receiving AccuWeather forecast data.

FORECAST

Viewing Your Forecast Data

Viewing Extended Forecast

Press and release the **FORECAST** button to toggle through your next 12 hours and next 7 days of forecast data.*



Extended Forecast Examples

Moon Phase

When clear or partly clear conditions are predicted, the sun icon will show during daylight hours (7:00am to 6:59pm) and the moon phase icon will show during nighttime hours (7:00pm to 6:59am).* The times the sun and moon icons appear are pre-programmed and cannot be adjusted.



This station displays 12 phases based on the lunar calendar:

- New Moon
- Small Waxing Crescent
- Large Waxing Crescent
- First Quarter
- Small Waxing Gibbous
- Large Waxing Gibbous
- Full Moon
- Large Waning Gibbous
- Small Waning Gibbous
- Last Quarter
- Large Waning Crescent
- Small Waning Crescent

* The station must be connected Wi-Fi to activate the extended forecast and day/night forecast features.

Seasonal Trees

The foliage scene in the forecast section changes seasonally. The dates are pre-programmed.



Spring (March 20th to June 20th)

Summer (June 21st to Sept. 20th)

Fall (Sept. 21st to Dec. 20th)

Winter (Dec. 21st to March 19th)

Trend Arrows

The Trend Arrows represent changes in pressure over the past 3 hours.



Rapid Increase



Slow Increase



Steady Pressure

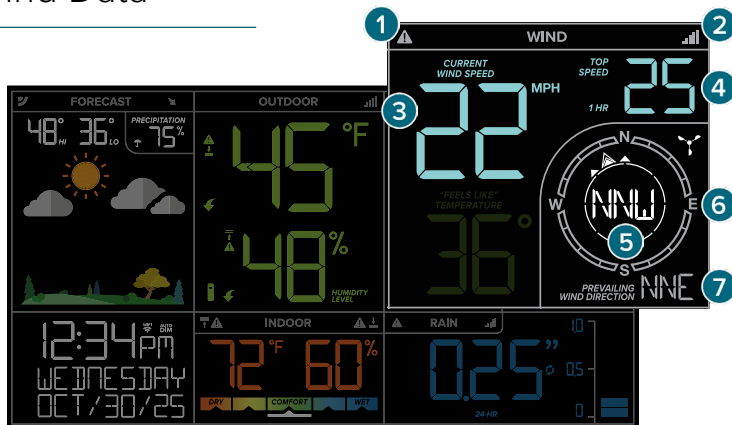


Slow Decrease



Rapid Decrease

Viewing Wind Data



1. **WIND SPEED ALERT** (▲): Appears if a wind speed alert is set & active.
2. **RECEPTION INDICATOR** (📶): Indicates if the station is receiving data from the Cyclone Sensor.
3. **CURRENT WIND SPEED:** The top wind speed in the past 31 seconds.
4. **TOP WIND SPEED:** The top wind speed in the past 60 minutes.
5. **CURRENT WIND DIRECTION:** Choose between cardinal points (letters) or degrees in the Settings Menu.
6. **COMPASS ROSE:** Displays cardinal direction with animated arrows (16 directions total).
7. **PREVAILING DIRECTION:** Prevailing Wind Direction over the past hour.

Wind Speed Records

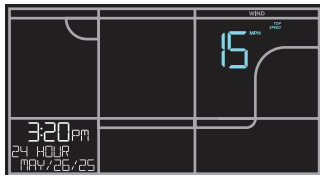
Viewing Wind Speed Records

Press and release the **WIND** button on the top of the station to toggle through wind speed records with time and date stamps.

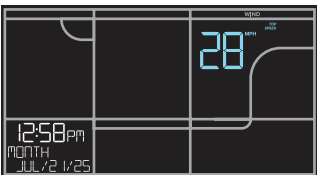


This station measures high wind speed records for the past 24 hours, 7 days, 1 month, and 1 year.

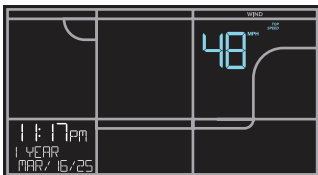
Wind Speed Records



24 Hour Record Example



1 Month Record Example



1 Year Record Example



When viewing the monthly record, press and release the **PLUS (+)** button to toggle through the current month and past 11 months of top speed records.

Reset Wind Records

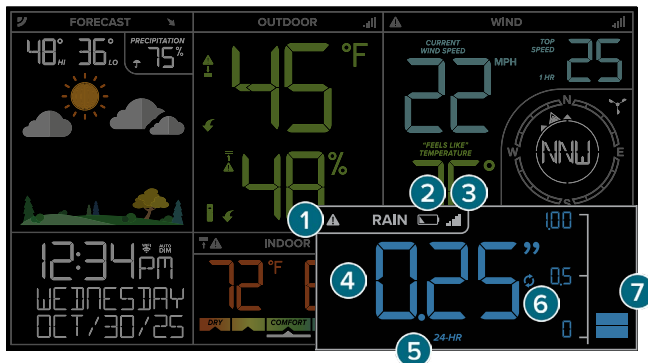


Press and release the **WIND** button to view wind speed records.



Next, hold the **MINUS (-)** button until dashes appear on the LCD. This reading will now reset to the current wind value.

Viewing Rain Data

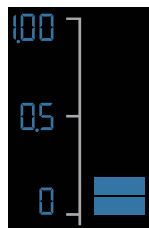


- RAIN ALERT** (▲): Appears if a rain alert is set & active.
- LOW BATTERY INDICATOR** (🔋): Indicates the batteries in the Cyclone Sensor should be replaced soon.
- RECEPTION INDICATOR** (📶): Indicates if the station is receiving data from the Cyclone Sensor.
- RAINFALL READING**: Current rainfall total.
- RAIN INTERVAL**: Indicates rain time interval currently shown on the display (1 hour, 24 hours, 7 days, month, year, and total since start up).
- AUTO-SCROLL ICON** (🔄): Icon will appear when the rain readings auto-scroll setting is active.
- RAIN GRAPH**: A visual representation of your rainfall totals.

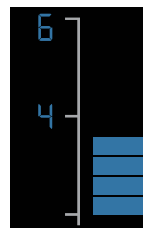
Rain Graph

The Rain Graph has 10 segments which change based on rainfall totals. The scale values automatically adjust when over 1-inch (25.4 mm) of rain is measured.

Note: If over 70 Inches (999 mm) is measured, the graph will appear full.

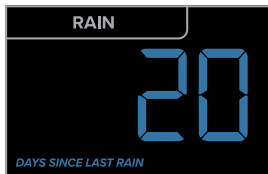


Up to 1" Example
Each Segment Equals 0.1"



Over 1" Example
Each Segment Equals 0.4"

Viewing Rain Data



Days Since Last Rain

- After 24 hours of no rainfall, the station will start counting days without rain.
- Rainfall readings can be viewed by pressing the rain button.
- When new rainfall occurs, your station will automatically switch back to the last rainfall reading viewed.

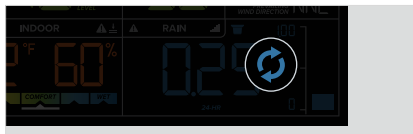
Rainfall Auto-Scroll Option

Program your station to toggle through all available rainfall data.



Press and release the **RAIN** button until AUTOSCROLL appears on the LCD.

To deactivate the Auto-Scroll option, press and release the **RAIN** button until the Auto-Scroll Icon (🔄) disappears. The station will stay on your current selection.



The Auto-Scroll Icon (🔄) located in the rain section will appear when active.

Rainfall Records



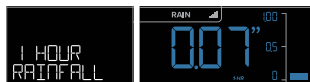
Viewing Rainfall Records

Press and release the **RAIN** button on the top of the station to toggle through rainfall records with time and date stamps.

Example Rainfall Records

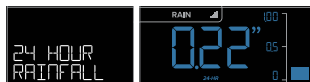
See rainfall records for the past hour, 24 hours, 7 days, month, year, and total since start up.

Rainfall Records



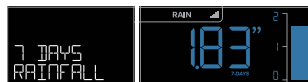
Past 1 Hour

Updates Every 5 Minutes



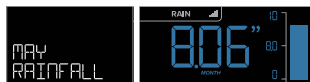
Past 24 Hours

Running Total | Updates Every Hour



7 Days

Last 7 Days | Updates at Midnight



Month

Resets at the Start of Every Month



Year

Resets at the Start of the Calendar Year



Total

Total Rainfall Since Powered On or Reset

When viewing the monthly record, press and release the **PLUS (+)** button to toggle through the current month and past 11 months of rainfall records.

Reset Rainfall Records



Press and release the **RAIN** button to view rainfall records.



Next, hold the **MINUS (-)** button until dashes appear on the LCD. This reading will now reset to the current rainfall value.

TEMPERATURE & HUMIDITY

Viewing Temperature & Humidity Data

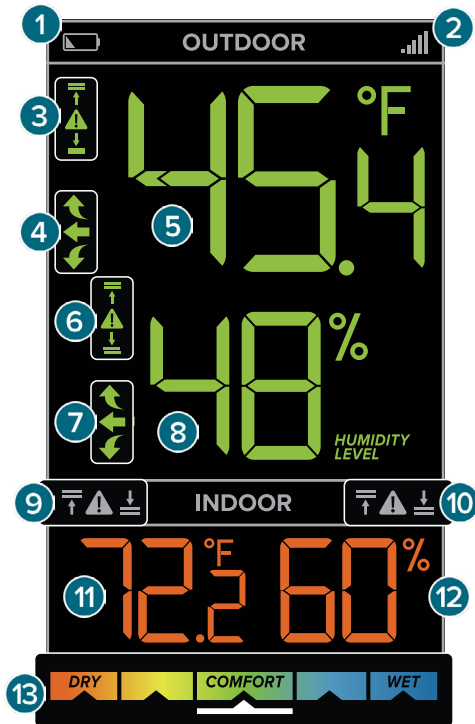
Comfort Meter

Indoor Comfort Meter (5 Levels): The white arrow at the bottom of the meter indicates current comfort level.



- 10% to 25%RH: Very Dry
- 26% to 39%RH: Dry
- 40% to 75%RH: Comfortable
- 76% to 83%RH: Wet
- 84% to 99%RH: Very Wet

Viewing Temperature & Humidity Data



1. LOW BATTERY INDICATOR (🔋)

Indicates the batteries in the Thermo-Hygro Sensor should be replaced soon.

2. RECEPTION INDICATOR (📶)

Indicates if the station is receiving data from the Thermo-Hygro Sensor.

3. OUTDOOR TEMPERATURE ALERT ICONS (⬆️⬆️)

Appear if a high (⬆️) or low (⬆️) alert is set & active.

4. OUTDOOR TEMPERATURE TREND ARROWS (↕️)

Indicate temperature trend over the past 3 hours

5. OUTDOOR TEMPERATURE

Current outdoor temperature

6. OUTDOOR HUMIDITY ALERT ICONS (⬆️⬆️)

Appear if a high (⬆️) or low (⬆️) alert is set & active.

7. OUTDOOR HUMIDITY TREND ARROWS (↕️)

Indicate humidity trend over the past 3 hours

8. OUTDOOR HUMIDITY

Current outdoor humidity

9. INDOOR TEMPERATURE ALERT ICONS (⬆️⬆️)

Appear if a high (⬆️) or low (⬆️) alert is set & active.

10. INDOOR HUMIDITY ALERT ICONS (⬆️⬆️)

Appear if a high (⬆️) or low (⬆️) alert is set & active.

11. INDOOR TEMPERATURE

Current indoor temperature

12. INDOOR HUMIDITY

Current indoor humidity

13. INDOOR COMFORT METER

Indicates comfort based on indoor humidity

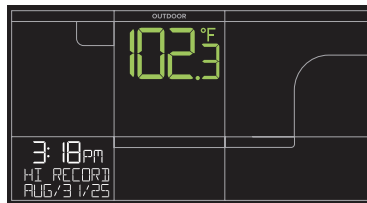
Temperature & Humidity Records

Viewing Temperature & Humidity Records

Press and release the **TEMP.** button to toggle through indoor/outdoor records with time and date stamps.

Records Viewing Order

1. Outdoor High Temperature
2. Outdoor Low Temperature
3. Outdoor High Humidity
4. Outdoor Low Humidity
5. Indoor High Temperature
6. Indoor Low Temperature
7. Indoor High Humidity
8. Indoor Low Humidity
9. "Feels Like" High Temperature
10. "Feels Like" Low Temperature
11. Dew Point



Outdoor High Temperature Record Example

Reset Temperature & Humidity Records



Press and release the **TEMP.** button to view temperature and humidity records.



Next, hold the **MINUS (-)** button until dashes appear on the LCD. This reading will now reset to the current value.

"Feels Like" Temperature



This reading indicates both Wind Chill and Heat Index values when conditions are met.

- **Wind Chill:** When temperature is below 50°F (10°C) and there is 5 MPH (8 KPH) of sustained wind speed.
- **Heat Index:** When temperature is above 80°F (27°C).
- **Current Temperature** When the temperature is between 51°F and 79°F (10.5°C and 26.1°C), the readings will remain the same as the outdoor value regardless of wind speed.

Customizable Alerts

Setting Custom Alerts

1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Use the **+/-** buttons to activate/deactivate individual alerts, or press the **ALERTS** button to skip to the next option.
3. Once activated, use the **+/-** buttons to adjust the values. Press the **ALERTS** button to confirm and move forward.

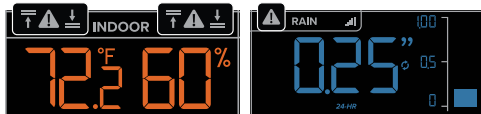
Alert Setting Order

- | | |
|-----------------------------|----------------------------|
| 1. High Wind Speed | 6. Outdoor Low Humidity |
| 2. 24 Hour Rainfall | 7. Indoor High Temperature |
| 3. Outdoor High Temperature | 8. Indoor Low Temperature |
| 4. Outdoor Low Temperature | 9. Indoor High Humidity |
| 5. Outdoor High Humidity | 10. Indoor Low Humidity |

Activating/Deactivating Alerts

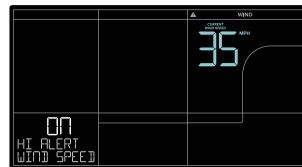


Hold the **ALERTS** button to enter alert settings.

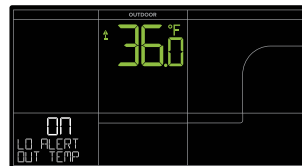


Active alerts are indicated by the ▲ and +/- icons located in their respective sections on the LCD.

Note: The default setting for alerts is OFF.



High Wind Speed Alert Example



Outdoor Low Temperature Alert Example



Use the **+/-** buttons to activate/deactivate alerts.

Triggered Alerts

- When an alert value is reached, the corresponding value and alert icon will flash on screen.
- The station will also beep 5 times each minute until the value moves out of the alert range. Press any button to stop the alert sound.
- Alerts set on the station are separate from those created within the app.

Sensor Placement & Mounting



For Accurate Thermo-Hygro Sensor Measurements

- Use the hole at the top to hang your sensor from the back using a nail. or, insert one mounting screw through the front of your sensor.
- Mount your sensor on a north-facing wall or in a shaded area. Under an eave or deck rail is preferred to avoid inaccurate readings from the sun.
- The maximum wireless transmission range to the station is up to 400 feet (121 meters) in open air, not including walls or floors.
- Be sure your sensor is mounted vertically, to allow moisture to drain out properly.
- For online video instruction visit: bit.ly/th_sensor_mounting



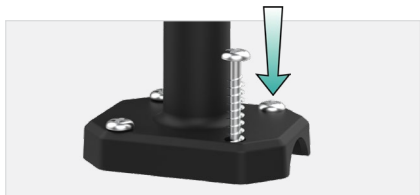
For Accurate Cyclone Sensor Measurements

- Use the built-in Bubble Level to ensure the Cyclone Sensor (especially the rain gauge) is mounted level.
- Ensure the Solar Panel is facing to the South. This helps optimize battery life and transmit correct wind direction data.
- Ideally, the Cyclone Sensor should be mounted on the tallest object in your area. Avoid positioning the sensor parallel or below eaves, roof lines, trees, or other objects that may obstruct wind and rain readings.
- Make sure all the screws on the Mounting Bracket, Wind Cups, Wind Vane, and Battery Compartment are securely fastened.
- The Cyclone Sensor should be mounted with the Wind Cups on the top. See page **03** for wind cup installation information.

Cyclone Sensor Mounting

Basic Installation

Fence posts, poles, decks, and mailboxes are common mounting options due to their convenience. Many users prefer these types of locations as the data they provides is accurate from their ground level. However, because the wind in these spots is often affected by obstructions, the readings may differ when compared to local reporting stations.



1. Mount the Mast to a flat surface with the four provided screws.



2. Place the Cyclone Pro Sensor on top of the Mast. Ensure the Solar Panel is facing south.



3. Check the integrated Bubble Level or use your own across the Rain Funnel to ensure the sensor is level.



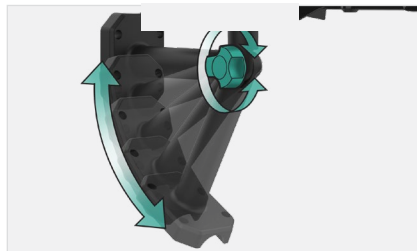
4. Secure the Cyclone Sensor to the Mast by tightening the screws on the side. After screws are tightened, double check the sensor has remained level through the installation process.

Cyclone Sensor Mounting

Flexible Installation



Install the Hand Screw to the bracket, then Secure the Cyclone Sensor to the Mast by tightening the screws on the side.



This configuration allows you to attach the sensor to angled locations and easily make adjustments to ensure the Mast and Sensor are level.

Advanced Installation

Some advanced installation options include tripods, wall mounts, chimney mounts, and many others. Any of these can be combined with U-bolts for attachment onto a tall cylindrical conduit using our Adjustable Base. These options will require additional equipment and possibly professional help for best results.

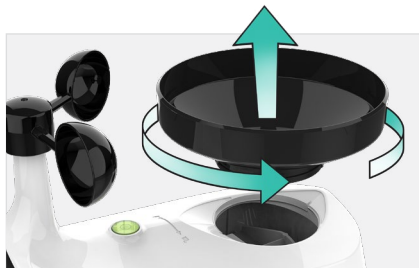


Freestanding Pole Setup
1" Maximum Outside
Pole Diameter

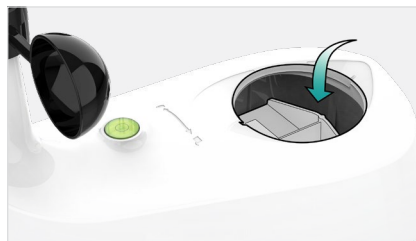


Tripod Setup Example
1" Maximum Outside
Pole Diameter

Cleaning the Rain Sensor



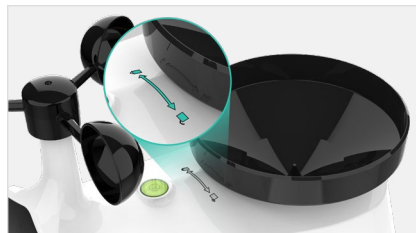
1. Remove the Rain Funnel by firmly twisting the funnel counter-clockwise and lifting up.



2. Clear any leaves, insects, or other debris to allow the Rain Tipper to rock freely. Check and clear the Drainage Holes located on the underside of the sensor.



3. After cleaning, re-install the Rain Funnel by placing it back into the sensor and twisting clockwise until secure.



4. You should feel the funnel lock into place when one of the arrows lines up with the center of the Lock/Unlock Line.

Tip: Remove the Cyclone Sensor's batteries before cleaning to avoid accidental rain readings.

SENSORS

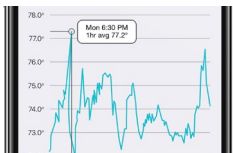
Featured Add-On Sensors



WATER LEAK SENSOR

FEATURES INCLUDE:

Water Detection
Ambient Temperature



App Screenshot

USE CASE: Place under the kitchen sink or in the basement and receive an alert when moisture is detected.

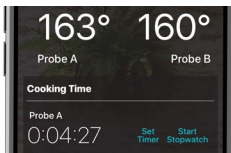
Model Number: LTV-WL1



BBQ SENSOR

FEATURES INCLUDE:

Two Hi-Temperature Probes
Backlit Display & Storage Case



App Screenshot

USE CASE: Set independent timers and alerts to monitor two steaks at the same time.

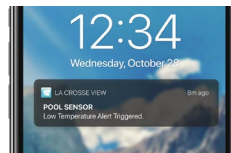
Model Number: LTV-BBQ1



POOL SENSOR

FEATURES INCLUDE:

Water Temperature
Floating Design with LCD Display



App Screenshot

USE CASE: Place in a pool or hot tub to keep an eye on changes in water temperature.

Model Number: LTV-POOLv2

Expand Your System to Suit Your Needs

Find more add-on sensor options by scanning the QR code or visiting: bit.ly/add-on_sensors

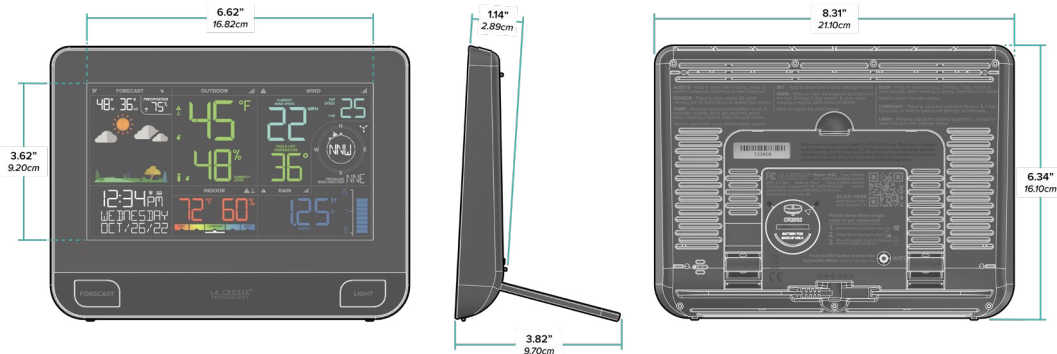
Note: Add-On Sensor data is only available in the app.



Specifications

STATION (V42/BP73736)

- **Indoor Temperature Range:** 32°F to 122°F (0°C to 50°C)
- **Indoor Humidity Range:** 10 to 99%RH
- **Power Requirements:** 5.0V Adapter (included)
+ **Battery Backup:** 1 "CR2032" Coin Cell Battery (included) *Saves time/date when station is unplugged*
The plug on the power adapter is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- **Dimensions:** 8.31 in. L x 1.14 in. W x 6.34 in. H (21.10cm L x 2.89cm W x 16.10cm H)
- **LCD Brightness:** 4 Intensity Levels + OFF (Programmable Auto-Dim Backlight Option)
- **Language Options:** English, Spanish, French, and German (Translation Available for Menus & Calendar)



Wi-Fi NETWORK REQUIREMENTS

- **Broadcast Frequency:** 2.4GHz (802.11 b/g/n)
- **Network Name/Password:** Must Not Exceed 45 Characters
- **Network Speed:** Must Be Greater than 1 Mbps

Note: If you have a multi-band router, this device will connect to the 2.4GHz band when connecting to Wi-Fi.

MOBILE REQUIREMENTS

- Apple phones require iOS with cellular or Wi-Fi service.
- Android phones require Android OS with cellular or Wi-Fi service.

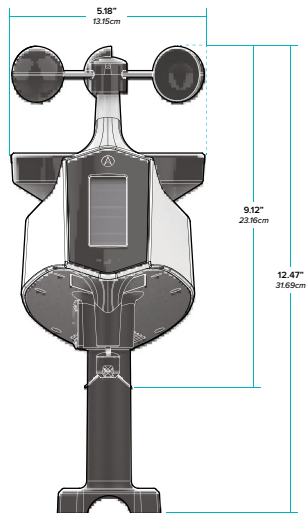
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Google Play and the Google Play logo are trademarks of Google Inc.

Visit www.lacrossetechnology.com/patents for patent information

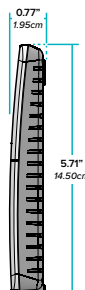
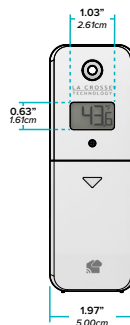
CYCLONE SENSOR (LTV-WSDR1)

- **Wind Speed Range:** 0 to 111 mph (0 to 178 kph)
- **Rainfall Range:** 0 to 393.6 Inches (0 to 9999 mm)
- **Transmission Range:** 400 feet (121 meters) **open air**
- **Power Requirements:** 3 "AA" Batteries (not included)
- **Update Interval:** Every 31 Seconds
- **Dimensions:** 13.80 in. L x 5.18 in. W x 12.47 in. H (35.04cm L x 13.15cm W x 31.69cm H) **with Bracket**
- **Dimensions:** 13.80 in. L x 5.18 in. W x 9.12 in. H (35.04cm L x 13.15cm W x 23.16cm H) **without Bracket**



THERMO-HYGRO SENSOR (LTV-TH5i)

- **Outdoor Temperature Range:** -40°F to 140°F (-40°C to 60°C)
- **Outdoor Humidity Range:** 10 to 99%RH
- **Transmission Range:** 400 feet (121 meters) **open air**
- **Update Interval:** Every 51 Seconds
- **Power Requirements:** 2 "AA" Batteries (not included)
- **Dimensions:** 1.97 in. L x 0.77 in. W x 5.71 in. H (5.00cm L x 1.95cm W x 14.50cm H)



Coin Cell Battery

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as 2 hours.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN.**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any body part.



INGESTION HAZARD:

This product contains a button cell or coin battery.

WARNING:

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Coin cell battery type: CR2032 (3Vdc x 1).
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (140°F (60°C)) or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.
- Ensure batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Coin Cell Battery



WARNING: KEEP OUT OF REACH OF CHILDREN



1. Swallowing may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the esophagus.
2. If you suspect your child has swallowed or inserted a coin cell battery, immediately seek urgent medical assistance. Call a local poison control center for treatment information.
3. Examine devices and make sure the battery compartment is correctly secured, e.g. that the screw or other mechanical fastener is tightened.
4. Do not use if compartment is not secure.
5. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
6. Flat batteries can still be dangerous. Even used batteries may cause severe injury or death.
7. Tell others about the risk associated with coin cell batteries and how to keep their children safe.

Replace the Coin Cell Battery

1. Use a screwdriver to turn the battery cover to the left to remove it.
2. Pull back the metal pin and gently remove the battery.
3. Insert a fresh CR2032 battery with the + side up and snap it into place.
4. Replace the battery cover and use the screwdriver to turn it to the right to lock.



WARNING: CHOKING HAZARD—Small Parts
Not for children under 3 yrs.

Battery Replacement Instructions

When batteries of different brand or type are used together, or new and old batteries are used together, some batteries may be over-discharged due to a difference of voltage or capacity. This can result in venting, leakage, and rupture and may cause personal injury.

- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from product during periods of non-use. Battery leakage can cause corrosion and damage to this product.
- Remove used batteries promptly.
- For recycling and disposal of batteries, and to protect the environment, please check the internet or your local phone directory for local recycling centers and/or follow local government regulations.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized changes or modifications to this equipment. Such changes or modifications could void the user authority to operate the equipment.

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All trademarks and patents are recognized.

Having Trouble? We're here to help.

Use the links below to find additional resources or reach out to our staff directly.

Self-Help: bit.ly/v42_support • Online: bit.ly/contact_techsupport

Phone: **1.844.200.8752**

Representatives are available Monday-Friday, 8am-6pm CST

Warranty

La Crosse Technology Ltd. provides a 1-year limited-time warranty on this product relating to manufacturing defects in materials & workmanship. Per the Song-Beverly Act, in the state of California, the warranty on this item becomes effective on the date of delivery.

For full warranty details, visit:

www.lacrossetechnology.com/pages/warranty

La Crosse Technology, Ltd.

2830 S. 26th Street, La Crosse, Wisconsin 54601

Factory Reset



If you are experiencing issues, press and hold the **ALERTS** and **RAIN** buttons down together until the display beeps. You do not need to remove the coin cell battery to reset the station. All records will be lost when a factory reset is performed.

⚠ WARNING: This product can expose you to chemicals including acrylonitrile, 1, 3-butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov



Scan for
Self-Help

Recycling & Disposal

Please consider the environment when deciding to dispose of this product. Although household electronics are generally safe to use on a daily basis, incorrect disposal can cause negative and potentially irreversible impacts on our environment.

Check with local donation centers to see if your product can be donated for future use. If disposal is the only option, federal agencies, local governments, and certified retailers may have electronic recycling programs in place. Programs may vary based on location.

Stay in Touch

Ask questions, watch set up videos, and provide feedback on our social media outlets. Follow La Crosse Technology on Youtube, Facebook, and Instagram.



DOUBLE YOUR WARRANTY



Scan the QR Code or visit: bit.ly/v42_register
to register your product and double the standard 1-year
warranty for free by opting to receive occasional product emails.